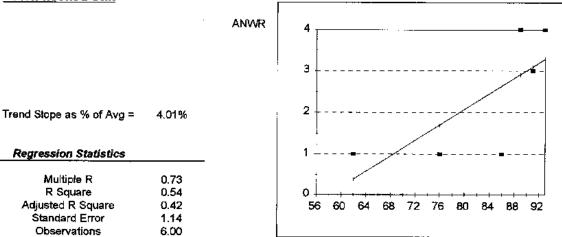
Black-necked Stilt							
Diack-neckeu ouit		]					· ]
		ANWR+CCW		100			
				-			-
				80			
1 outliers removed							
			ota)	60			
		-	Count Total	40			
Trend Slope as % of Avg =	6.37%		uno				
			Õ	20			
Regression Statistics					and the second		-
	0.40			0			
Muitiple R R Square	0.42 0.17			-20		· · · · · · · · · · · · · · · · · · ·	
Adjusted R Square	0.11			56 60 64	68 72	76 80 84 ≘ar	68 92
Standard Error	25.51				Ţ	291	
Observations	15.00	L					
Analysis of Variance							
	df	Sum of Squar	es	Mean Square	<u>F</u>	Significance F	<u> </u>
Regression Residual	1.00 13.00	1780.37 8459.37		1780.37 650.72	2.74	0.12	
Total	14.00	10239.73		000.72			
	Coefficient	Standard Erro	or	t Statistic	P-value	Lower 95.00%	Upper 95.00%
intercept	-124.88	92.98		-1.34	0.20	-325.74	75.99
xt	1.82	1.10		1,65	0.12	-0.56	4.19
Observations	Predicted Y		S	tdzd Residuals	-	Percentile	<u>y</u> .
1	13,16	-11,16		-0.44		3.33	2
2 3	18.60 5.89	-14.60 0.11		-0.57 0.00		10.00 16.67	4 6
4	16.79	-9.79		-0.38		23.33	7
5	24.05	-15.05		-0.59		30.00	9
6	42.22	-27.22		-1.07		36.67	15
7 8	25. <b>8</b> 7 29.50	-9.87 -12.50		-0.39 -0.49		43.33 50.00	16 17
ğ	38.58	-10.58		-0.41		56.67	28
10	44.03	-15.03		-0.59		63.33	29
11 12	40.40 26 77	-9.40		-0,37		70.00 76.67	31 35
13	36.77 27.69	-1.77 42.31		-0.07 1.66		83.33	70
14	31.32	39.68		1.56		90.00	71
15	33.13	54.87		2.15		96.67	88

# **Black-necked Stilt**



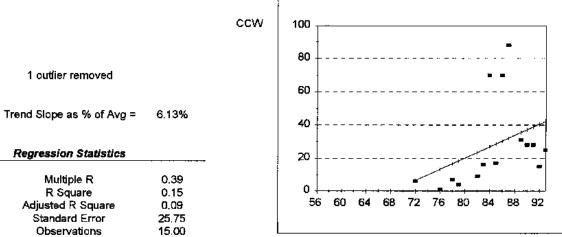
#### Analysis of Variance

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	df	Sum of Squares	Mean Square	F	Significance F	1
Regression	1.00	6,11	6.11	4.68	0.10	-
Residual	4.00	5.23	1.31			
Total	5.00	11.33				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
intercept	-5.41	3,61	-1.50	0.19	-15.44	4.62
x1	0.09	0.04	2.16	0.08	-0.03	0.21
Observations	Predicted Y	' Residuals	Stdzd Residuals		Percentile	v
1	0,39	0.61	0.54		8.33	1
2	1.69	-0.69	-0.61		25.00	1
3	2.63	-1.63	-1.43		41.67	1
4	2.91	1.09	0.95		58.33	3
5	3.10	-0.10	-0.08		75.00	4
6	3.28	0.72	0,63		91.67	4

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## **Black-necked Stilt**

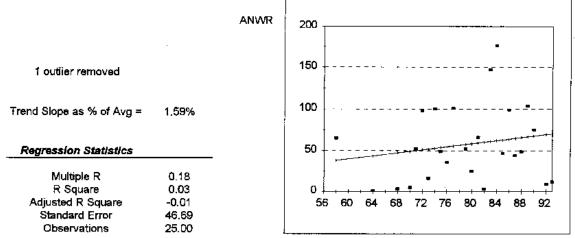


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1552.31	1552.31	2.34	0,15	
Residual	13.00	8617.02	662.85			
Total	14.00	10169.33				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-115.58	93.84	-1.23	0.24	-318.31	87.15
x1	1.70	1.11	1.53	0.15	+0.70	4.09

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.31	-12.31	-0.48	3.33	1
2	18.40	-14.40	-0.56	10.00	4
3	6.52	-0.52	-0.02	16.67	6
4	16.70	-9.70	-0.38	23.33	7
5	23.48	-14.48	-0.56	30.00	9
6	40.44	-25.44	-0.99	36.67	15
7	25.18	-9.18	-0.36	43.33	16
8	28.57	-11.57	-0.45	50.00	17
9	42.14	-17.14	-0.67	56.67	25
10	37.05	-9.05	-0.35	63.33	2B
11	38.75	-10.75	-0.42	70.00	28
12	35.35	-4.35	-0.17	76.67	31
13	30.27	39.73	1.54	83.33	70
14	26.88	43.12	1.68	90.00	70
15	31.96	56.04	2.18	96.67	88

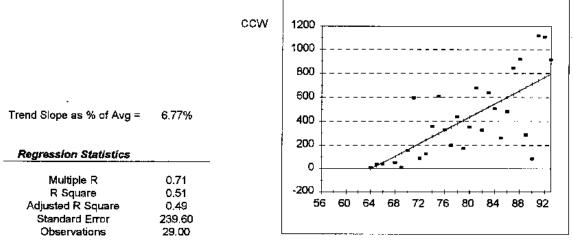
Am. Avocet	· ·	- • <u>-</u> · · · ·			<u>.</u> .	
And Atover						
		ANWR+CCW	1400			İ
			1000			
			1200 +			
			1000 +			<u></u>
			le l		-	· /
Trend Slope as % of Avg =	6.63%					
		]	8			
Degraceion Statistics		1	400 +			
Regression Statistics		- [	200			
Multiple R	0.73					•
R Square	0.54					
Adjusted R Square	0.52		56 <b>60 6</b> 4	66 72 Y	76 60 84 8 8237	8 92
Standard Error	252.36					
Observations	29.00	L				.,
Analysic of Variance						
Analysis of Variance	đť	Sum of Squar		F	Significance F	
Regression	1.00	1978324.25	1978324.25	31.06	0,00	
Residual	27.00	1719466.71 3697790.97	63683.95			
Total	28.00	309//80.9/				
	Coefficient	Standard Erro	or t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	-1953,40	435.90	-4,48	0.00	-2847.79	-1059.01
x1	30.62	5,49	5.57	0.00	19.34	41.89
		_,.=				
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	5.97	3.03	0.01		1.72	9
2	159.05	-148.05	-0.59		5.17	11
3	36.59	0.41	0.00		B.62	37
<b>4</b> 5	67.20 128.43	-27.20 -73.43	-0.11 -0.29		12.07 15.52	40 55
6	281.51	-139,51	-0.29		18.97	142
7	801.97	-641.97	-2.54		22.41	160
8	189.67	-26.67	-0.11		25.86	163
9	250,90	-62.90	-0.25		29.31	188
10	465.20	-236.20	-0.94		32.76	229 200
11 12	403.97 648.89	-103.97 -340.89	-0.41 -1.35		36.21 39.66	300 308
12	557.05	-227.05	-0.90		43.10	330
14	373.36	-7.36	-0,03		46.55	366
15	495.82	-118.82	-0.47		50.00	377
16	771.35	-379.35	-1.50		53.45	392
17	434.59	5.41	0.02		56.90	440
18 19	312.13 679.51	145.87 -97. <del>5</del> 1	0.58 -0.39		60.34 63.79	458 582
20	220.28	-97.51 428.72	-0.39		67.24	582 649
20	342.74	315,26	1.25		70.69	658
22	618.28	66,72	0.26		74.14	685
23	526.43	218.57	0.87		77.59	745
24	587.66	199,34	0.79		81.03	787
25	710.12	177.88 33.19	0.70 0.13		84.48 87.93	888 927
26 27	893.81 740.74	226.26	0,13		91,38	967
28	863.20	255.80	1.01		94.83	1119
29	832.58	554.42	2.20		98.28	1387
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## Am. Avocet



Analysis of variance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1623.01	1623.01	0.74	0.40	•
Residual	23.00	50136,75	2179.86			
Total	24.00	51759.76				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14.94	84.31	-0.18	0.86	-189.34	159.46
x1	0.91	1.06	0.86	0.40	-1.28	3.11
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	38.09	26,91	0.58		2.00	1
2	43.57	-42.57	-0.91		6.00	, 3
3	47.23	-44.23	-0.95		10.00	š
4	49.06	-44.06	-0.94		14.00	5
5	49.97	2.03	0.04		18.00	9
6	50.89	47.11	1.01		22.00	12
7	51.80	-35.80	-0.77		26.00	16
8	52.72	47.28	1.01		30.00	25
9	53.63	-4.63	-0.10		34.00	36
10	54.54	-18,54	-0.40		38.00	44
11	55.46	45.54	0.98		42.00	47
12	57.29	-5.29	-0.11		46.00	49
13	58.20	-33.20	-0.71		50.00	49
14	59.12	6.88	0,15		54.00	52
15	60.03	-57.03	-1.22		58.00	52
16	60.94	86.06	1.84		62.00	65
17	61.86	114.14	2.44		66.00	66
18	62.77	-15.77	-0.34		70.00	75
19	63.69	35.31	0.76		74.00	98
20	64.60	-20.60	-0.44		78.00	99
· 21	65.51	-16.51	-0.35		82.00	100
22	66.43	37.57	0.80		86.00	101
23	67.34	7.66	0.16		90.00	104
24	69.17	-60.17	-1.29		94.00	147
25	70.09	-58.09	-1.24		98.00	176

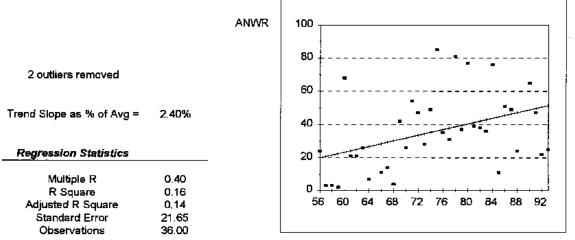
# Am. Avocet



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1593289.70	1593289,70	27.75	0.00	-
Residual	27.00	1549995.13	57407.23			
Total	28.00	3143284.83				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1762.05	413.86	-4.26	0.00	-2611.22	-912.88
xt	27.47	5.22	5.27	0.00	16.77	38.18
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	-3.66	11.66	0.05		1.72	8
2	133.71	-122.71	-0.51		5.17	11
3	23.82	13,18	0.06		8.62	37
4	51.29	-11.29	-0.05		12.07	40
5	106.24	-54.24	-0.23		15.52	52
6	710.69	-625.69	-2.61		18.97	85
7	216.14	-126.14	-0.53		22.41	90
в	243.61	-117.61	-0.49		25.86	126
9	161.19	-3.19	-0.01		29,31	158
10	408.46	-231.46	-0.97		32.76	177
f 1	353.51	-154.51	-0.64		36.21	199
12	573.31	-312.31	-1.30		39.66	261
13	683.21	-395.21	-1.65		43.10	288
14	490.89	-163.89	-0.68		46.55	327
15	326.04	3.96	0.02		50.00	330
16	435.94	-83.94	-0.35		53.45	352
17	271.09	86.91	0.36		56.90	358
18	380.99	59.01	0.25		60.34	440
19	600.79	-117.79	-0.49		63,79	483
20	545.84	-36.84	-0.15		67.24	509
21	188.66	408.34	1.70		70.69	597
22	298.56	310.44	1.30		74.14	609
23	518.36	121.64	0.51		77.59	640
24	463.41	215.59	0.90		81.03	679
25	628.26	215.74	0.90		84.48	844
26	793.11	121.89	0.51		87.93	915
27	655.74	262.26	1.09		91.38	918
28	765.64	344.36	1.44		94.83	1110
29	738.16	381.84	1.59		98.28	1120

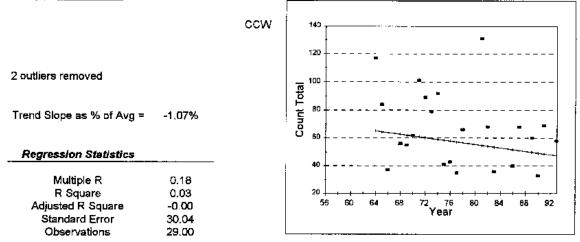
<u>yellowlegs sp.</u>		Г	· · · · ·			]
Data Corrected: Count∕(Party Hours)^B		ANWR+CCW	4.5		•	
where B = .73						-
			4		 -	
3 outliers removed			<b></b>	_	-	
			3.5 Count Total			
Trend Slope as % of Avg =	-0.96%		, דַבָּ		• -	
			g ³+ª-		•	
<b>B</b>			-	•		
Regression Statistics			25			
Multiple R	0.25					-
R Square	0.06		2++++++			ا ئې ب
Adjusted R Square	0.03		56 60 64	68 72 Y	76 80 84 8 ear	8 92
Standard Error	0.98					
Observations	28.00			<u> </u>		
Analysis of Variance						
_	df	Sum of Squares		F	Significance F	
Regression	1.00	1.68	1.68	1.74	0.20	
Residual	26.00	25.23	0.97			
Total	27.00	26,91				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	5.03	1.65	3.05	0.01	1.64	8.43
x1	-0.03	0.02	-1.32	0.20	-0.07	0.02
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	Y
1	3.19	-2.26	-2.30		1.79	<b></b>
2	2.69	-1.68	-1.70		5.36	1
3	2,50	-1,39	-1.41		8.93	1
4	2.85	-1.17	-1.19		12.50	2
5	2.47	-0.64	-0.65		16.07	2
6	2.74	-0,70	-0.71		19.64	2
7	2.52 2.55	-0.34	-0.34		23.21	2
8 9	2.55	-0.18 -0.52	-0.19 -0.52		26.79 30.36	2 2
10	2.66	-0.32	-0.26		33.93	2
11	2.94	-0.38	-0.39		37.50	3
12	3.21	-0.64	-0.65		41.07	3
13	3.16	-0.43	-0.44		44.64	3
14	3.02	-0.15	-0.15		48.21	3
15	2.63	0.26	0.26		51.79	3 3
16	3.27	-0.22	-0.22		55.36	3
17	2.96	0.35	0.35		58.93	3
18	2.77	0.57	0.58		62.50	3
19	2.83	0.55	0.56		66.07	3
20	3.10	0.46	0.46		69.64	4
21	2.80	0.90	0.91		73.21	4
22 23	2.99 3.30	0.81 0.58	0.82 0.59		76.79 80.36	4
23 24	3.30	0.58	0.80		83,93	4 4
24	3.05	0.96	0.97		87.50	4
26	2.58	1.54	1.56		91.07	4
27	2.61	1,65	1.67		94.64	4
28	2.88	1.53	1.56		98.21	4

<u>yellowlegs sp.</u>



Analysis of Variance						
	ďf	Sum of Squares		F	Significance F	_
Regression	1.00	3090.79	3090.79	6.60	0.01	
Residual	34.00	15930.18	468.53			
Total	35.00	19020.97				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Linner 95 00%
	Coefficient	010110010 2110	1 0144040	1-1410-6	201101-00.0070	000007
Intercept	-27.75	24.90	<b>-1.11</b>	0.27	-78.35	22.85
x1	0.85	0.33	2.57	0.01	0.18	1.52
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	22.46	-20.46	-0.95		1.39	<u> </u>
2	21.61	-18.61	-0.86		4.17	3
3	20.75	-17.75	-0.82		6,94	3
4	30.11	-26.11	-1.21		9.72	4
5	26.71	-19.71	-0.91		12.50	7
6	28.41	-17.41	-0.80		15,28	11
7	44.58	-33.58	-1.55		18.06	11
8	29.26	-15.26	-0.71		20.83	14
9	25.01	-4.01	-0.19		23.61	21
10	24.16	-3.16	-0.15		26.39	21
11	50.54	-28.54	-1.32		29.17	22
12	19.90	4.10	0.19		31.94	24
13	47.13	-23.13	-1.07		34.72	24
14	51.39	-26.39	-1.22		37.50	25
15	25.86	0.14	0.01		40.28	26
16	31.82	-5.82	-0.27		43,06	26
17	34,37	-6.37	-0.29		45.83	28
18	37.77	-6.77	-0.31		48.61	31
19	36.92	-1.92	-0.09		51.39	35
20	42.88	-6.88	-0.32		54.17	36
21	39.48	-2.48	-0.11		56.94	37
22	42.03	-4.03	-0.19		59.72	38
23	41.18	-2.18	-0.10		62.50	39
24	30.97	11.03	0.51		65.28	42
25	33.52	13.48	0.62		68,06	47
26	49.69	-2.69	-0.12		70.83	47
27	46.28	2.72	0.13		73,61	49
28	35.22	13.78	0.64		76.39	49
29	45.43	5.57	0.26		79.17	51
30	32.67	21.33	0.99		81.94	54 65
31	48.84	16.16	0.75		84.72	65 68
32	23.31	44.69	2.06		87.50	68 76
33	43.73	32.27	1.49		90.28	76 77
34	40.33	36.67	1.69		93.06	77
35	38.62	42.38	1.96		95.83	81
36	36.07	48.93	2.26		98.61	85

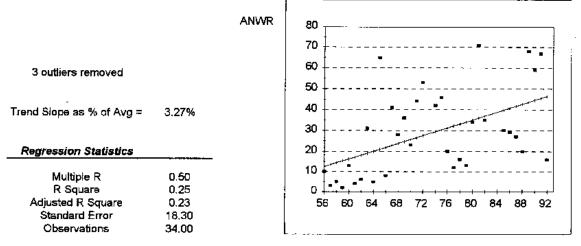
# <u>yellowlegs sp.</u>



	Analysis of variance	-			_		
_		df	Sum of Squares		<u> </u>	Significance F	-
	Regression	1.00	859.97	859.97	0.95	0.34	
	Residual	27.00	24363.89	902.37			
	Total	28.00	25223.86				
_		Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	Intercept	103.93	48.47	2.14	0.04	4.49	203.38
	x1	-0.61	0.62	-0.98	0.34	-1.88	0.67
						_	
_	Observations	Predicted Y		Stdzd Residuals		Percentile	<u>y</u>
	1	63.27	-53.27	-1.77		1.72	10
	2	48.10	-26.10	-0.87		5.17	22
	3	52.35	-29.35	-0.98		8.62	23
	4	55.99	-31.99	-1.06		12.07	24
	5	55.38	-29,38	-0,98		15.52	26
	6	65.70	-39.70	~1.32		18.97	26
	7	49.31	-16,31	-0.54		22.41	33
	8	57.20	-22.20	-0.74		25.86	35
	9	53.56	-17.56	-0.58		29.31	36
	10	63.88	-26.88	-0.89		32.76	37
	11	51.74	-11.74	-0.39		36.21	40
	12	58.42	-17.42	-0.58		39.66	41
	13	57.81	-14.81	-0.49		43.10	43
	14	62.06	-7.06	-0.23		46.55	55
	15	62.66	-6.66	-0.22		50.00	56
	16	47.49	10.51	0.35		53.45	58
	17	49.92	10.08	0.34		56,90	60
	18	61.45	0,55	0.02		60.34	62
	19	56,60	9.40	0.31		63.79	66
	20	54.17	13.83	0.46		67.24	68
	21	51.13	16.87	0.56		70.69	68
	22	48.71	20.29	0.68		74.14	69
	23	59.63	19.37	0.64		77.59	79
	24	64.49	19.51	0.65		81.03	84
	25	60.24	28.76	0.96		84.48	89
	26	59.02	32.98	1.10		87.93	92
	27	60,84	40,16	1.34		91.38	101
	28	65.09	51.91	1.73		94.83	117
	29	54.78	76.22	2.54		98.28	131

Willet		г	<b>8</b> 11 100			
		ANWR+CCW	160			
		AWWRTCOW				
			140 +	• -		·· <b>†</b>
			120			•
			otal	•		•
Trend Slope as % of Avg =	2.23%			- =		
	2.2070		001 101 101 101 101 101 101 101 101 101		·	
Demonster Statistics						•
Regression Statistics		-	60 <u>-</u>		······································	·
Multiple R	0.39		40	•		
R Square Adjusted R Square	0,15 0,12		56 60 64	68 72	76 80 84	88 92
Standard Error	35.26			Ŷ	ear	
Observations	31.00	l				
Analysis of Variance	df	Sum of Squar	es Mean Square	F	Significance F	
Regression	1.00	6300.89	6300.89	5.07	0.03	-
Residual	29.00	36050.79	1243.13			
Total	30.00	42351.68				
	Coefficient	Standard Erro	or <u>f Statistic</u>	P-value	Lower 95.00%	Upper 95.00%
Intercept	-52.88	55.59	-0.95	0.35	-166.56	60.81
x1	1,59	0.71	2.25	0.03	0.15	3.04
Observations	<b>Predicted</b> Y		Stdzd Residuals		Percentile	¥
1	49.14 52.22	-42.14	-1.20		1.51 4.84	7 14
2 3	52,32 69,86	-38.32 -47,86	-1.09 -1.36		8.06	22
4	81.02	-49.02	-1.3 <del>9</del>		11.29	32
5 6	68.26 47.54	-33.26 -12.54	-0.94 -0.36		14.52 17.74	35 35
7	73.05	-37.05	-0.38		20.97	36
8	71.45	-33.45	-0.95		24.19	38
9 10	74.64 57.11	-32.64 -9.11	-0.93 -0.26		27.42 30,65	42 48
11	53.92	-2.92	-0.08		33.87	51
12	93.77	-37.77	-1.07		37.10	56
13 14	58.70 84.20	2.30 -22.20	0.07 -0.63		40.32 43.55	61 62
15	50.73	17.27	0.49		46.77	68
16	85.80	-16. <b>80</b>	-0.48		50.00	69 70
17 18	82.61 77.83	-12.61 -3.83	-0.36 -0.11		53.23 56.45	70 74
19	87.39	-13.39	-0.38		59.68	74
20	66.67	9.33	0.26		62.90	76
21 22	65.08 61.89	21.92 26.11	0.62 0.74		66,13 69,35	87 88
22	79.42	12.58	0.36		72.58	92
24	88.99	11.01	0.31		75.81	100
25 26	55.51 92.17	46.49 20.83	1.32 0.59		79.03 82.26	102 113
26	60.29	20.83 56.71	1.61		85.48	117
28	90.58	39,42	1.12		88.71	130
29 30	76.23 95.36	55.77 46.64	1.58 1.32		91,94 95,16	132 142
30	63.48	78.52	2.23		98,39	142

<u>Willet</u>

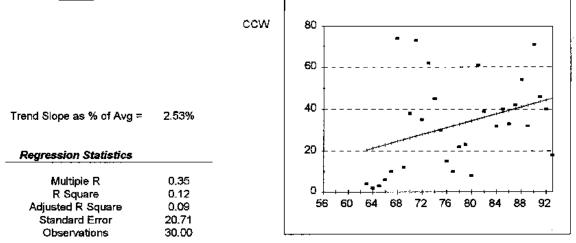


#### Analysis of Variance

anarysis of variance	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	3586.05	3586.05	10,71	0.00	-
Residual	32.00	10711.48	334.73			
Total	33.00	14297.53				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-40.45	21.41	-1.89	0.07	-84.07	3.17
x1	0,94	0.29	3.27	0.00	0.36	1.53
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	У
1	12.39	-2.39	-0,13		1.47	2
2	13,34	-10.34	-0.57		4.41	3
3	14,28	-9.28	-0.51		7.35	4
4	15.23	-13.23	-0.72		10.29	5
5	16.17	-3.17	-0.17		13.24	5
6	17.11	-13.11	-0.72		16.18	6
7	18.06	-12.06	-0.66		19.12	8
8	19.00	12.00	0.66		22.06	10
9	19.94	-14.94	-0.82		25.00	12
10	20.89	44.11	2.41		27.94	13
11	21.83	-13.83	-0.76		30,88	13
12	22.78	18.22	1,00		33.82	16
13	23.72	4.28	0.23		36.76	16
14	24.66	11.34	0.62		39.71	20
15	25.61	-2.61	-0.14		42.65	20
16	26.55	17.45	0.95		45.59	23
17	27.49	25.51	1.39		48.53	27
18	29.38	12.62	0.69		51,47	28
19	30.33	15.67	0.86		54.41	29
20	31.27	-11.27	-0.62		57.35	30
21	32.21	-20.21	-1.10		60.29	31
22	33.16	-17,16	-0.94		63.24	34
23	34.10	-21.10	-1.15		66.18	35
24	35.04	-1.04	-0.06		69.12	36
25	35.99	35.01	1.91		72.06	41
26	36.93	-1.93	-0.11		75.00	42
27	39.76	-9.76	-0.53		77.94	44
28	40.71	-11.71	-0.64		80.88	46
29	41.65	-14.65	-0.80		83.82	53
30	42.59	-22.59	-1.23		86.76	59
31	43.54	24.46	1.34		89.71	65
32	44.48	14.52	0.79		92.65	67
33	45.43	21.57	1.18		95.59	6B
34	46.37	-30,37	-1.66		98.53	71

df Sum of Sa

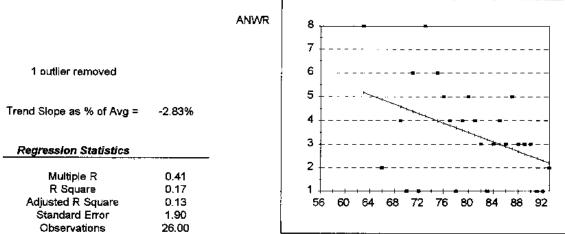
# <u>Willet</u>



Regression Residual Total	<b>df</b> 1.00 28.00 29.00	Sum of Squares 1671.43 12009.23 13680.67	Mean Square 1671.43 428.90	<b>F</b> 3,90	Significance F 0.06	-
Residual	28.00 29.00	12009.23				
	29.00					
		10000.01				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-31.57	32.76	-0,96	0.34	-98.67	35.53
x1	0.83	0.42	1.97	0.06	-0.03	1.68
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	21.25	-19.25	-0.93		1.67	2
2	22.08	~19.08	-0.92		5.00	3
3	20.43	-16.43	-0.79		8.33	4
4	22.90	-16.90	-0.82		11.67	6
5	34.45	-26.45	-1.28		15.00	8
6	31.98	-21,98	-1.06		18.33	10
7	23,73	-13.73	-0.66		21.67	10
8	25.38	-13.38	-0.65		25.00	12
9	31.15	-16.15	-0.78		28.33	15
10	45.18	-27.18	-1.31		31.67	18
11	32.80	-10.80	-0.52		35,00	22
12	33.63	-10.63	-0.51		38.33	23
13	30,33	-0.33	-0.02		41,67	30
14	37.76	-5.76	-0.28		45.00	32
15	41,88	-9.88	-0.48		48.33	32
16	39.41	-6.41	-0.31		51.67	33
17	27.85	7.15	0.35		<del>5</del> 5.00	35
18	26.20	11.80	0.57		58.33	38
19	36.11	2,89	0.14		61.67	39
20	38.58	1.42	0.07		65.00	40
21	44.36	-4.36	-0.21		68.33	40
22	40.23	1.77	0.09		71.67	42
23	29.50	15.50	0.75		75.00	45
24	43.53	2.47	0.12		78.33	46
25	41.06	12.94	0.62		81.67	54
26	35.28	25.72	1.24		85.00	61
27	28.68	33.32	1.61		88.33	62
28	42.71	28.29	1.37		91.67	71
29	27.03	45.97	2.22		95.00	73
30	24.55	49.45	2.39		98,33	74

		ANWR+CCW	25			
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	4 4 9 9 4		P 4 15 +		· <b>-</b> - <b></b>	
rend Slope as % of Avg =	1.12%		Count Total		** * *	
Regression Statistics			10		+	
		-	-			
Multiple R R Square	0.21 0.04		б <b></b>			
Adjusted R Square	0.04		56 60 64	58 72	76 80 84 6	8 92
Standard Error	5.70			Ύε	ar	
Observations	30.00	L				
Analysis of Variance						
-	df	Sum of Square		F	Significance F	
Regression	1.00	42.23	42.23	1.30	0.26	
Residual Total	28.00 29.00	911.23 953.47	32.54			
lotar				-		
····	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	1.45	9.44	0.15	0.88	-17.88	20,78
<b>x1</b>	0.14	0.12	1.14	0.26	-0.11	0.38
Ohennediana	the state of M	Desiduale	Carley Deviduale		Baaaatila	
Observations 1	Predicted Y 10.44	Residuals 8,44	Stdzd Residuals -1.48		Percentile 1.67	<u> </u>
2	10.30	-8.30	-1,45		5.00	2
3	10.71	-6.71	-1.18		8.33	4
4	13.98	-9.98	-1.75		11.67	4
5	10.57	-6.57	-1.15		15.00	4
6 7	12.89	-5.89	-1.03		18.33 21.67	7 8
8	14.11 12.34	-6.11 <b>-4.34</b>	-1.07 -0.76		21.67	8
9	13.02	-4.02	-0.71		28.33	9
10	10.03	-1.03	-0.18		31.67	ğ
11	13.84	-3.84	-0.67		35.00	10
12	13.16	-3.16	-0.55		38,33	10
13	11.53	-0.53	-0.09		41.67	11
	44.00	1.34	0.23		45.00	13
14	11.66					
15	10.84	2.16	0.38		48.33	13
15 16	10.84 11.12	2.16 1. <b>88</b>	0.38 0.33		51.67	13
15 16 17	10.84 11.12 11.80	2.16 1.88 2.20	0.38 0.33 0.39		51.67 55.00	13 14
15 16 17 18	10.84 11.12 11.80 11.93	2.16 1.88 2.20 2.07	0.38 0.33 0.39 0.36		51.67 55.00 58.33	13 14 14
15 16 17 18 19	10.84 11.12 11.80 11.93 13.70	2.16 1.88 2.20 2.07 0.30	0.38 0.33 0.39 0.36 0.05		51.67 55.00 58.33 61.67	13 14 14 14
15 16 17 18 19 20	10.84 11.12 11.80 11.93 13.70 12.48	2.16 1.88 2.20 2.07 0.30 1.52	0.38 0.33 0.39 0.36 0.05 0.27		51.67 55.00 58.33 61.67 65.00	13 14 14 14 14
15 16 17 18 19 20 21	10.84 11.12 11.80 11.93 13.70 12.48 10.98	2.16 1.88 2.20 2.07 0.30 1.52 4.02	0.38 0.33 0.39 0.36 0.05 0.27 0.70		51.67 55.00 58.33 61.67 65.00 68.33	13 14 14 14 14 15
15 16 17 18 19 20 21 22	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49		51.67 55.00 58.33 61.67 65.00 68.33 71.67	13 14 14 14 15 15
15 16 17 18 19 20 21 21 22 23	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21 12.61	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.42		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00	13 14 14 14 15 15 15
15 16 17 18 19 20 21 22 23 23 24	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21 12.61 12.75	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39 2.25	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.49 0.42 0.39		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33	13 14 14 14 15 15 15
15 16 17 18 19 20 21 22 23 24 25	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21 12.61 12.75 13.57	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39 2.25 4.43	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.42 0.39 0.78		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00	13 14 14 14 15 15 15
15 16 17 18 19 20 21 22 23 24 25 26	10.84 11.12 11.80 13.70 12.48 10.98 12.21 12.61 12.75 13.57 12.07	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39 2.25	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.49 0.42 0.39		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67	13 14 14 14 15 15 15 15 18 19
15 16 17 18 19 20 21 22 23 24 25	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21 12.61 12.75 13.57	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39 2.25 4.43 6.93 5.70 8.61	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.42 0.39 0.78 1.21 1.00 1.51		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00 88.33 91.67	13 14 14 15 15 15 15 18 19 20
15 16 17 18 19 20 21 22 23 24 25 26 27	10.84 11.12 11.80 11.93 13.70 12.48 10.98 12.21 12.61 12.75 13.57 12.07 13.30	2.16 1.88 2.20 2.07 0.30 1.52 4.02 2.79 2.39 2.25 4.43 6.93 5.70	0.38 0.33 0.39 0.36 0.05 0.27 0.70 0.49 0.42 0.39 0.78 1.21 1.00		51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00 88.33	13 14 14 14 15 15 15 15 18 19

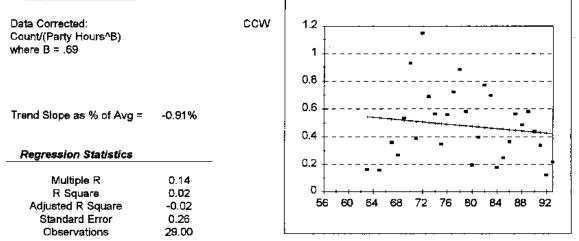
# Spotted Sandpiper



 	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	17.46	17.46	4.81	0.04	•
Residual	24.00	87.04	3.63			
Total	25.00	104.50				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient	Standard Error 3.64	t Statistic 3.15	<i>P-value</i>	Lower 95.00%	<i>Upper 95.00%</i> 18.94

Observati	ons Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	5.19	2.81	1.48	1.92	1
2	4.89	-2.89	-1.52	5.77	1
3	4.59	-0.59	-0.31	9.62	1
4	4.49	-3.49	-1.83	13.46	1
5	4.39	1.61	0.84	17.31	1
6	4.29	-3.29	-1.73	21.15	1
7	4.19	3.81	2.00	25.00	2
8	4.00	2.00	1.05	28.85	2
9	3.90	1.10	0.58	32.69	3
10	3.80	0.20	0.11	36.54	3
11	3.70	-2.70	-1.42	40.38	3
12	3.60	0.40	0.21	44.23	3
13	3.50	1.50	0.79	48.08	3
14	3.40	0.60	0.31	51.92	3
15	3,30	-0.30	-0.16	55.77	4
16	3.20	-2.20	-1,16	59.62	4
17	3.10	-0.10	-0.05	63,46	4
18	3.00	1.00	0.52	67.31	4
19	2.90	0.10	0.05	71.15	4
20	2.81	2.19	1.15	75,00	5
21	2.71	0.29	0.15	78.85	5
22	2.61	0,39	0.21	82.69	5
23	2.51	0.49	0.26	86.54	6
24	2.41	-1.41	-0.74	90,38	6
25	2.31	-1.31	-0.69	94.23	8
26	2.21	-0.21	-0.11	98.08	8

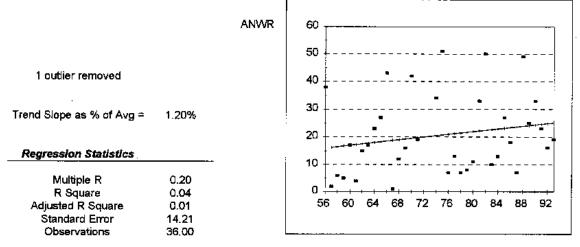
# Spotted Sandpiper



•	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0,04	0.04	0.52	0.48	-
Residual	27.00	1.81	0.07			
Total	28.00	1.85				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.80	0.45	1.79	0.08	-0.12	1.72
×1	-0.00	0.01	-0.72	0.48	-0.02	0.01
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	У
1	0.43	-0,30	-1.17		1.72	0
2	0.54	-0.38	-1.46		5.17	õ
3	0.54	-0.38	-1.47		8.62	ŏ
4	0.46	-0.28	-1.08		12.07	ō
5	0.47	-0.28	-1.08		15.52	õ
6	0.42	-0.21	-0.79		18.97	ŏ
7	0.45	-0.21	-0.BO		22.41	ŏ
8	0.52	-0.25	-0.98		25.86	ō
9	0.43	-0.09	-0.35		29.31	õ
10	0,49	-0.15	-0.57		32.76	Ō
11	0.53	-0.17	-0.65		36.21	ō
12	0.45	-0.09	-0.34		39,66	Ó
13	0.51	-0.12	-0.47		43.10	0
14	0.47	-0.07	-0.29		46.55	0
15	0.43	0.00	0.02		50.00	0
16	0.44	0.05	0.18		53.45	0
17	0.52	0.01	0.06		56.90	1
18	0.49	0.07	0.27		60.34	1
19	0.45	0.12	0.46		63.79	1
20	0.50	0.07	0.25		67.24	1
21	0.48	0.10	0.40		70.69	1
22	0.44	0.14	0.56		74.14	1
23	0.50	0.19	0.71		77.59	1
24	0.46	0.24	0.91		81.03	1
25	0.49	0.24	0.91		84.48	1
26	0.47	0.31	1.18		87.93	1
27	0.48	0.40	1.54		91.38	1
28	0.51	0.41	1.60		94.83	1
29	0.51	0.64	2.47		98.28	1
					-	

Long-billed Curlew		٦				
		ANWR+CCW	220			
		ANVARTOCAA				
		[	200			
			180			
			460			-
			<u>n</u> 160 +	•		j
			P 140 +		<b>-</b>	
rend Slope as % of Avg =	0.26%		<b>ξ</b> 120 ↓			
		ļ				•
			U 100	•		
Regression Statistics		_	80	·	· · · · · · · · · · · · · · · · · · ·	<u></u>
			60 4		•	
Multiple R	0.04			-		
R Square Adjusted R Square	0.00 -0.03		40 <del>   </del> 56 50 64	+ - 68 72	76 80 84	88 92
Standard Error	45,58			Y	ear	
Observations	31.00	Ì				
CDSELVAUOLIS	31.00	L				
Analysis attact						
Analysis of Variance	df	Sum of Square	es Mean Square	F	Significance F	<del>,</del>
Regression	1.00	116.71	118.71	0.06	0.81	-
Residual	29.00	60253.16	2077.70			
Total	30,00	60369.87				
	Coefficient	Standard Erro	r t Statistic	P-value	Lower BE AAM	ilnner 65 64
	COENCIEI	Stanuaru Erro	1 13140500	r-vaiue	Lower 95.00%	Opper as.ut
Intercept	66.14	71.86	0.92	0.36	-80.83	213.12
x1	0.22	0.92	0.24	0.81	-1.66	2.09
Observations	Predicted Y		Stdzd Residuals		Percentile	y
1	80,68	-64.68	-1.42		1.61	16
2	81.98	-43.9B	-0.96		4.84	38
3	86.10	-47.10	-1.03		8.06	39
4	80.03	-40.03	-0.88		11.29	40
5 6	84.37 84.80	-44.37	-0.97		14.52	40
7	79.81	-41.80 -31.81	-0.92 -0.70		17.74	43
8	84.15	-35.15	-0.77		20.97 24.19	48 49
9	83.06	-33,06	-0.73		27,42	49 50
10	80.46	-29,46	-0.65		30.65	51
11	84.58	-27.58	-0.61		33.87	57
12	83.28	-25.28	-0.55		37.10	58
13	83.50	-24.50	-0.54		40.32	59
14	85.67	-23.67	-0.52		43.55	62
15	85.02	-16.02	-0.35		46,77	69
16	82.63	-11.63	-0.26		50.00	71
17	83.93	-7.93	-0.17		53.23	76
18	82.20	-2.20	-0.05		56.45	80
19	80.90	4.10	0.09		59.68	85
20	86.32	-0.32	-0.01		62.90	86
21	81,55	12.45	0.27		66.13	94
<b>2</b> 2	83.72	19.28	0.42		69.35	103
23	80.24	24.76	0.54		72.58	105
24	82.41	22.59	0.50		75.81	105
25	85.45	29.55	0.65		79.03	115
26	81.11	41.89	0.92		82.26	123
27	82.85	41.15	0.90		85.48	124
28	81.76	73.24	1.61		88.71	155
29	85.23	71.77	1.57		91,94 95.48	157
	85.68	<b>84</b> .12	1,85 2, <b>7</b> 6		95.16 98.39	170 207
30 31	0177		2.70		30.33	207
30 31	81.33	125.67				
	81.33	123,67				

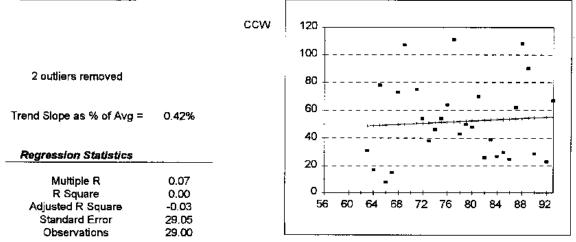
# Long-billed Curlew



#### Analysis of Variance

nalysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	276.12	276.12	1.37	0.25	-
Residual	34.00	6862.63	201.84			
Totai	35.00	7138.75				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.22	15.87	0.14	0.89	-30.04	34.48
×1	0.25	0.21	1.17	0.25	-0.18	0.67
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	18.71	-17.71	-1.25		1.39	1
2	16,25	-14.25	-1.00		4.17	2
3	17.23	-13.23	-0.93		6.94	4
4	16.74	-11,74	-0.83		9.72	5
5	16.50	-10.50	-0.74		12.50	6
6	23.63	-16.63	-1.17		15,28	7
7	21.42	-14.42	-1.01		18.06	7
8	20.93	-13.93	-0.98		20.83	7
9	21.66	-13.66	-0.96		23,61	8
10	22.65	-12.65	-0.89		26.39	10
11	21.91	-10.91	-0.77		29.17	11
12	18.96	-6.96	-0.49		31.94	12
13	21.17	-8.17	-0.58		34.72	13
14	22.89	-9.89	-0,70		37.50	13
15	17.48	-2.48	-0.17		40.28	15
16	19.20	-3.20	-0.23		43.06	16
17	24.86	-8.86	-0.62		45.83	16
18	17.73	-0,73	-0.05		48.61	17
19	16.99	0.01	0.00		51.39	17
20	23.39	-5.39	-0.38		54.17	18
21	25.11	-6.11	-0.43		56,94	19
22	19.69	-0.69	-0.05		59.72	19
23	17.97	5.03	0.35		62.50	23
24	24.62	-1.62	-0.11		65.28	23
25	24.12	0.88	0.06		68.06	25
26	18.22	8.78	0.62		70.83	27
27	23.14	3.86	0.27		73.61	27
28	24.37	8.63	0.61		76.39	33
29	22.16	10.84	0.76		79.17	33
30	20.43	13.57	0.95		81.94	34
31	16.00	22.00	1.55		84,72	38
32	19.45	22.55	1.59		87,50	42
33	18.46	24.54	1.73		90.28	43
34	23.88	25.12	1.77		93.06	49
35	22.40	27,60	1.94		95.83	50
35	22.40	27.00			80.03	00

# Long-billed Curlew



-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	109.09	109.09	0.13	0.72	-
Residual	27.00	22780.91	843.74			
Total	28.00	22890.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	34.85	48.00	0.73	0.47	-63.65	133.34
x1	0.22	0.61	0.36	0.72	-1.04	1.48
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentlie	y
1	49,39	-41.39	-1.43		1.72	8
2	49.61	-34.61	-1.19		5.17	15
2 3	48.95	-31.95	-1.10		8.62	17
4	55.12	-32.12	-1.11		12.07	23
5	53.80	-28.80	-0.99		15.52	25
6	52.92	-26,92	-0.93		18.97	26
7	53,36	-26.36	-0.91		22.41	27
8	54,68	-25.68	-0.88		25.86	2 <del>9</del>
9	53.58	-23.58	-0.81		29.31	30
10	48.73	-17.73	-0.61		32.76	31
11	50.94	-12.94	-0.45		36.21	38
12	53.14	-14.14	-0.49		39.66	39
13	52.04	-9.04	-0.31		43.10	43
14	51.16	-5.16	-0.18		46.55	46
15	52.48	-4.48	-0.15		50.00	48
16	52.26	-2.26	-0.08		53,45	50
17	50.72	3.28	0.11		5 <b>6.9</b> 0	54
18	51.38	2.62	0.09		60.34	54
19	54.02	7.98	0.27		63.79	62
20	51,60	12.40	0.43		67.24	64
21	55.34	11.66	0.40		70.69	67
22	52.70	17.30	0.60		74.14	70
23	49.83	23.17	0.80		77.59	73
24	50.50	24.50	0.84		81.03	75
25	49.17	28.83	0,99		84.48	78
26	54.46	35.54	1.22		87,93	90
27	50,05	56.95	1.96		91.38	107
28	54.24	53.76	1.85		94.83	108
29	51.82	59,18	2.04		98.28	1 <b>11</b>

1.00 27.00 28.00	ANWR+CCW Sum of Square 445.52 1446.62 1892.14 Standard Error 12.91 0.16	445.52 53.58	F 8.32	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	-
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	Sum of Square 445.52 1446.62 1892.14 Standard Erron 12.91	30 25 20 20 15 10 5 5 6 0 5 8 5 8 5 8 5 8 5 7 5 8 5 8 5 7 5 8 5 7 5 8 5 7 5 8 5 8 5 7 5 8 5 7 5 8 5 8 5 7 5 8 5 7 5 8 5 5 8 8 5 8 8 8 8 8 8 8	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	25 20 20 20 10 10 56 60 56 56 56 57 57 58 57 58 57 57 58 57 57 58 57 57 57 57 57 57 57 57 57 57	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	It       It	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	It       It	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	10 5 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	10 5 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.49 0.24 0.21 7.32 29.00 <i>df</i> 1.00 27.00 28.00 <i>efficient</i> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	10 5 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.24 0.21 7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	10 5 0 5 6 6 6 6 6 6 6 6 6 6 6 6 6	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.24 0.21 7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	5 0 56 60 64 56 60 54 56 50 54 56 50 54 53 58 53 58 54 54 55 58 53 58 54 54 55 58 53 58 54 54 55 58 55 56 55 58 55 5	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.24 0.21 7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	o	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.24 0.21 7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	58 60 84 s Mean Square 445.52 53.58 t Statistic -2.16	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
0.21 7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	58 60 84 s Mean Square 445.52 53.58 t Statistic -2.16	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
7.32 29.00 <b>df</b> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	s Mean Square 445.52 53.58 t Statistic -2.16	F 8.32 <i>P-value</i> 0.04	ear <u>Significance F</u> 0.01 <u>Lower 95.00%</u> -54.32	Upper 95.00
29.00 <u>df</u> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	445.52 53.58 - <u>t Statistic</u> -2.16	8.32 <i>P-value</i> 0.04	0.01 Lower 95.00% -54.32	Upper 95.00
<u>df</u> 1.00 27.00 28.00 <b>efficient</b> -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	445.52 53.58 - <u>t Statistic</u> -2.16	8.32 <i>P-value</i> 0.04	0.01 Lower 95.00% -54.32	Upper 95.00
1.00 27.00 28.00 efficient -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	445.52 53.58 - <u>t Statistic</u> -2.16	8.32 <i>P-value</i> 0.04	0.01 Lower 95.00% -54.32	Upper 95.00
1.00 27.00 28.00 efficient -27.84	445.52 1446.62 1892.14 <b>Standard Erro</b> 12.91	445.52 53.58 - <u>t Statistic</u> -2.16	8.32 <i>P-value</i> 0.04	0.01 Lower 95.00% -54.32	Upper 95.00
27.00 28.00 efficient -27.84	1446.62 1892.14 <b>Standard Erro</b> 12.91	53.58 • <u>t Statistic</u> -2.16	<i>P-value</i> 0.04	Lower 95.00%	
28.00 efficient -27.84	1892.14 <u>Standard Error</u> 12.91	- t Statistic -2.16	0.04	-54.32	
efficient -27.84	Standard Errol	-2.16	0.04	-54.32	
-27.84	12.91	-2.16	0.04	-54.32	
					-1.36
					-1.30
0.41	0.10	2.00	0.01	0.14	0.80
				0.14	0.00
dicted Y	Residuals	Stdzd Residual	s	Percentile	y
6.83	-5.83	-0.80	_	1.72	1
	-6.77	-0.92		5,17	1
					1
					2
					2
					3
					3 3
					3
					4
					4
2.61	1.39	0.19		39.66	4
4.02	-0.02	-0.00		43.10	4
10.11	-4.11	-0.56		46.55	6
14.33	-8.33	-1.14		50.00	6
12.45	-6.45	-0.88			6
					7
					9
					10
					10
					12 12
					17
13.86					18
14.79				84.48	19
5.42		2.26		87.93	22
12.92	9.08	1.24		91,38	22
15.73	7.27	0.99		94.83	23
13.39	18.61	2.54		98.28	32
	7.77 9.64 7.30 3.55 6.36 8.24 11.98 4.49 8.70 9.17 2.61 4.02 10.11 14.33 12.45 11.51 11.05 5.89 3.08 15.26 13.86 14.79 5.42 12.92 15.73	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	7.77 $-6.77$ $-0.92$ $9.64$ $-8.64$ $-1.18$ $7.30$ $-5.30$ $-0.72$ $3.55$ $-1.55$ $-0.21$ $6.36$ $-3.36$ $-0.46$ $8.24$ $-5.24$ $-0.72$ $11.98$ $-8.98$ $-1.23$ $4.49$ $-1.49$ $-0.20$ $8.70$ $-4.70$ $-0.64$ $9.17$ $-5.17$ $-0.71$ $2.61$ $1.39$ $0.19$ $4.02$ $-0.02$ $-0.00$ $10.11$ $-4.11$ $-0.56$ $14.33$ $-8.33$ $-1.14$ $12.45$ $-6.45$ $-0.88$ $11.51$ $-4.51$ $-0.62$ $11.05$ $-2.05$ $-0.28$ $4.96$ $5.04$ $0.69$ $10.58$ $-0.58$ $-0.08$ $5.89$ $6.11$ $0.83$ $3.08$ $8.92$ $1.22$ $15.26$ $1.74$ $0.24$ $13.86$ $4.14$ $0.57$ $14.79$ $4.21$ $0.57$ $5.42$ $16.58$ $2.26$ $12.92$ $9.08$ $1.24$	7.77 $-6.77$ $-0.92$ $9.64$ $-8.64$ $-1.18$ $7.30$ $-5.30$ $-0.72$ $3.55$ $-1.55$ $-0.21$ $6.36$ $-3.36$ $-0.46$ $8.24$ $-5.24$ $-0.72$ $11.98$ $-8.98$ $-1.23$ $4.49$ $-1.49$ $-0.20$ $8.70$ $-4.70$ $-0.64$ $9.17$ $-5.17$ $-0.71$ $2.61$ $1.39$ $0.19$ $4.02$ $-0.02$ $-0.00$ $10.11$ $-4.11$ $-0.56$ $14.33$ $-8.33$ $-1.14$ $12.45$ $-6.45$ $-0.88$ $11.51$ $-4.51$ $-0.62$ $11.05$ $-2.05$ $-0.28$ $4.96$ $5.04$ $0.69$ $10.58$ $-0.58$ $-0.08$ $5.89$ $6.11$ $0.83$ $3.08$ $8.92$ $1.22$ $15.26$ $1.74$ $0.24$ $13.86$ $4.14$ $0.57$ $14.79$ $4.21$ $0.57$ $5.42$ $16.58$ $2.26$ $12.92$ $9.08$ $1.24$	7.77 $-6.77$ $-0.92$ $5.17$ $9.64$ $-8.64$ $-1.18$ $8.62$ $7.30$ $-5.30$ $-0.72$ $12.07$ $3.55$ $-1.55$ $-0.21$ $15.52$ $6.36$ $-3.36$ $-0.46$ $18.97$ $8.24$ $-5.24$ $-0.72$ $22.41$ $11.98$ $-8.98$ $-1.23$ $25.86$ $4.49$ $-1.49$ $-0.20$ $29.31$ $8.70$ $-4.70$ $-0.64$ $32.76$ $9.17$ $-5.17$ $-0.71$ $36.21$ $2.61$ $1.39$ $0.19$ $39.66$ $4.02$ $-0.02$ $-0.00$ $43.10$ $10.11$ $-4.11$ $-0.56$ $46.55$ $14.33$ $-8.33$ $-1.14$ $50.00$ $12.45$ $-6.45$ $-0.88$ $53.45$ $11.05$ $-2.05$ $-0.28$ $60.34$ $4.96$ $5.04$ $0.69$ $63.79$ $10.58$ $-0.58$ $-0.08$ $67.24$ $5.89$ $6.11$ $0.83$ $70.69$ $3.06$ $8.92$ $1.22$ $74.14$ $15.26$ $1.74$ $0.24$ $77.59$ $13.86$ $4.14$ $0.57$ $81.03$ $14.79$ $4.21$ $0.57$ $84.48$ $5.42$ $16.58$ $2.26$ $87.93$ $12.92$ $9.08$ $1.24$ $91.38$

## Marbled Godwit

Marbleu Gouwit		ſ	
		ANWR	14
			12
1 outlier removed			10
			8
Trend Slope as % of Avg =	2.42%		6
Regression Statistics	<u></u>		4
Multiple R	0.31		2
R Square	0.10		0 ++-+-+-+-+-+-+++++++++++++++++++++
Adjusted R Square	0.03		56 60 64 68 72 76 80 84 88 92
Standard Error	4.58		
Observations	15.00		

-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	29.50	29.50	1.41	0.26	_
Residual	13.00	272.23	20.94			
Total	14.00	301.73				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.04	8.93	-0.56	0.58	-24.34	14.26
x1	0.13	0.11	1.19	0.26	-0.11	0.37
Observations	Predicted Y	' Residuals	Stdzd Residuals		Percentile	Y
1	3.15	8.85	1.93		3.33	1
2	3.55	0.45	0.10		10.00	1
3	3.68	0.32	0.07		16.67	2
4	3.81	-1.81	-0.40		23.33	2
5	4.34	-2.34	-0.51		30,00	2
6	5.00	-4.00	-0.87		36.67	2
7	5.40	-4.40	-0.96		43.33	2 3
8	5,66	-2.66	-0.58		50.00	3
9	6.06	-4.06	-0.89		56.67	4
10	6.45	-4.45	-0.97		63.33	4
11	6.72	7.28	1.59		70.00	10
12	6.85	-3.85	-0.84		76.67	11
13	6.98	3.02	0.66		83.33	11
14	7.11	3.89	0.85		90.00	12
15	7.25	3.75	0.82		96.67	14

# Marbled Godwit

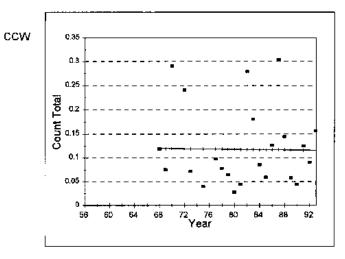
Data Corrected: Count/(Party Hours)^B where B = .90

## 2 outliers removed

Trend Slope as % of Avg = -0.12%

	Regression	Statistics
_		

Multiple R	0.01
R Square	0,00
Adjusted R Square	-0.05
Standard Error	0.09
Observations	24.00



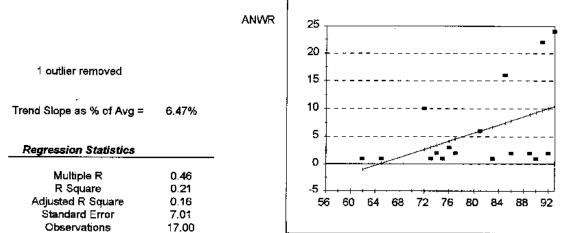
## Analysis of Variance

Mildiyala ul Vallanuc						
r	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.00	0.00	0.00	0,95	
Residual	22.00	0.16	0.01			
Total	23.00	0.16				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.13	0.19	0.67	0.51	-0.27	0.53
×1	-0.00	0.00	-0.06	0.95	-0.01	0.00

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.12	-0.10	-1.14	2,08	Ō
2	0.12	-0.09	-1.04	6.25	0
3	0.12	-0.08	-0.92	10.42	0
4	0.12	-0.07	-0.85	14.58	0
5	0.12	-0.07	-0.83	18.75	0
6	0.12	-0.06	-0.68	22,92	0
7	0.12	-0.06	-0.67	27.08	0
8	0.12	-0.05	-0.62	31,25	0
9	0.12	-0.05	-0.54	35.42	0
10	0.12	-0.04	-0.51	39.58	0
11	0,12	-0.04	-0.46	43,75	0
12	0.12	-0.03	-0.36	47.92	0
13	0.12	-0,03	-0.29	52.08	0
14	0.12	-0.02	-0.24	56.25	0
15	0.12	-0.00	<b>-0.0</b> 1	60.42	0
16	0.12	0.01	0.10	64,58	0
17	0.12	0.01	0.11	68.75	0
18	0.12	0.03	0.32	72,92	0
19	0.12	0.04	0.47	77.08	0
20	0.12	0.06	0.73	81.25	0
21	0.12	0.12	1.41	85.42	0
22	0.12	0,16	1.87	89.58	0
23	0.12	0.17	1.99	93.75	0
ł		<b>m</b> 1		/	-

Ruddy Turnstone		 				
		ANWR+CCW	35			
			30	_		
		i	30			
		i	-		-	-
3 outliers removed			25			
					_	
			20			
Trend Slope as % of Avg =	0.91%		5 15			
			ΰ -			
Regression Statistics			10 +			
Regression Statistics			5 4			
Multiple R	0.09		a+			
R Square	0.01		0 <del>'</del>			
Adjusted R Square	-0.04		56 60 64	68 72 Vi	76 80 64 ∋ar	88 92
Standard Error	9.67			T	201	
Observations	24.00	L_				
Analysis of Variance						
·····	df	Sum of Squares	s Mean Square	F	Significance	F
Regression	1.00	16,05	16,05	0.17	0.68	_
Residual	22.00	2055.28	93.42			
Total	23.00	2071.33				
	Coefficient	Standard Error	t Statistic	Davalue	Lower 95.00%	Unper 95
			( JIEUGUL	Yajue	LOWEI 00.007	o upper ou.
I-+	0.00		······	·-·-·		
Intercept	3.28	20.32	0.16	0.87	-38.86	45.43
Intercept x1	3.28 0.11		······	·-·-·		
x1	0.11	20.32 0.26	0.16 0.41	0.87 0.68	-38.86 -0.43	45.43 0.64
x1 Observations	0.11 <i>Predicted</i> Y	20.32 0.26 <b>Residuals</b>	0.16 0.41 Stdzd Residuals	0.87 0.68	-38.86 -0.43 Percentile	45.43 0.64 <i>y</i>
x1 Observations 1	0.11 <i>Predicted Y</i> 11.68	20.32 0.26 <b>Residuals</b> -10.68	0.16 0.41 Stdzd Residuals -1.10	0.87 0.68	-38.86 -0.43 <i>Percentile</i> 2.08	45.43 0.64 <b>y</b> 1
x1 Observations 1 2	0.11 <i>Predicted</i> Y 11.68 10.19	20.32 0.26 <b>Residuals</b> -10.68 -9.19	0.16 0.41 Stdzd Residuals -1.10 -0.95	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25	45.43 0.64 <u>y</u> 1
x1 Observations 1 2 3	0.11 <i>Predicted</i> Y 11.68 10.19 11.79	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25 10.42	45.43 0.64 <u>y</u> 1 1 2
x1 Observations 1 2 3 4	0.11 <i>Predicted</i> Y 11.68 10.19	20.32 0.26 <b>Residuals</b> -10.68 -9.19	0.16 0.41 Stdzd Residuals -1.10 -0.95	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25 10.42 14.58	45.43 0.64 <u>y</u> 1 1 2 3
x1 Observations 1 2 3	0.11 <i>Predicted Y</i> 11.68 10.19 11.79 10.62	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62	0.16 0.41 <i>Stdzd Residuals</i> -1.10 -0.95 -1.01 -0.79	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25 10.42	45.43 0.64 <u>y</u> 1 1 2
x1 <b>Observations</b> 1 2 3 4 5	0.11 <i>Predicted Y</i> 11.68 10.19 11.79 10.62 12.64	20.32 0.26 -10.68 -9.19 -9.79 -7.62 -9.64	0.16 0.41 <i>Stdzd Residuals</i> -1.10 -0.95 -1.01 -0.79 -1.00	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25 10.42 14.58 18.75	45.43 0.64 <u>y</u> 1 1 2 3 3 3
x1 <b>Observations</b> 1 2 3 4 5 6	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11	20.32 0.26 -10.68 -9.19 -9.79 -7.62 -9.64 -8.11	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84	0.87 0.68	-38.86 -0.43 Percentile 2.08 6.25 10.42 14.58 18.75 22.92	45.43 0.64 <u>y</u> 1 1 2 3 3 4
x1 <b>Observations</b> 1 2 3 4 5 6 7	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74	20.32 0.26 -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08	45.43 0.64 <u>y</u> 1 1 2 3 3 4 4
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58	45.43 0.64 <u>y</u> 1 1 2 3 3 4 4 4 5 6
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75	45.43 0.64 <b>y</b> 1 1 2 3 4 4 4 4 5 6 9
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92	45.43 0.64 <b>y</b> 1 1 2 3 4 4 4 5 6 9 9
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.49 -0.19 -0.40 -0.00	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08	45.43 0.64 1 1 2 3 4 4 4 5 6 9 9 9
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.49 -0.19 -0.40 -0.00 -0.03	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25	45.43 0.64 1 1 2 3 3 4 4 4 5 6 9 9 9 11 11
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42	45.43 0.64 1 1 2 3 3 4 4 4 5 6 9 9 9 11 11 11
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 -0.00 -0.04 -0.06	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58	45.43 0.64 y 1 1 2 3 3 4 4 4 5 6 9 9 9 11 11 11 11
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 -0.00 -0.03 -0.04 0.06 0.19	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75	45.43 0.64 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 12 14
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 0.06 0.19 0.16	0.87 0.68	-38.86 -0.43 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92	45.43 0.64 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 12 14
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42 11.57	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58 8.43	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 -0.00 -0.03 -0.04 0.00 -0.03 -0.04 0.06 0.19 0.16 0.87	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92 77.08	45.43 0.64 y 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 11 12 14 14 20
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42 11.57 11.15	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58 8.43 12.85	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 0.00 -0.03 -0.04 0.06 0.19 0.16 0.87 1.33	0.87 0.68	-38.86 -0.43 <b>Percentile</b> 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92 77.08 81.25	45.43 0.64 y 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 11 12 14 14 20 24
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42 11.57 11.15 11.89	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58 8.43 12.85 12.11	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 0.00 -0.03 -0.04 0.06 0.19 0.16 0.87 1.33 1.25	0.87 0.68	-38.86 -0.43 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92 77.08 81.25 85.42	45.43 0.64 y 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 11 12 14 14 20 24 24
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42 11.57 11.15 11.89 12.00	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58 8.43 12.85 12.11 16.00	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 -0.00 -0.03 -0.04 0.06 0.19 0.16 0.87 1.33 1.25 1.66	0.87 0.68	-38.86 -0.43 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92 77.08 81.25 85.42 89.58	45.43 0.64 <b>y</b> 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 12 14 14 14 20 24 24 28
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.11 <b>Predicted Y</b> 11.68 10.19 11.79 10.62 12.64 12.11 12.74 13.06 10.51 10.72 10.83 12.85 11.04 11.25 11.36 11.47 12.21 12.42 11.57 11.15 11.89	20.32 0.26 <b>Residuals</b> -10.68 -9.19 -9.79 -7.62 -9.64 -8.11 -8.74 -9.06 -5.51 -4.72 -1.83 -3.85 -0.04 -0.25 -0.36 0.53 1.79 1.58 8.43 12.85 12.11	0.16 0.41 <b>Stdzd Residuals</b> -1.10 -0.95 -1.01 -0.79 -1.00 -0.84 -0.90 -0.94 -0.90 -0.94 -0.57 -0.49 -0.19 -0.40 -0.00 -0.03 -0.04 0.00 -0.03 -0.04 0.06 0.19 0.16 0.87 1.33 1.25	0.87 0.68	-38.86 -0.43 2.08 6.25 10.42 14.58 18.75 22.92 27.08 31.25 35.42 39.58 43.75 47.92 52.08 56.25 60.42 64.58 68.75 72.92 77.08 81.25 85.42	45.43 0.64 y 1 1 2 3 4 4 4 5 6 9 9 9 11 11 11 11 11 11 11 12 14 14 20 24 24

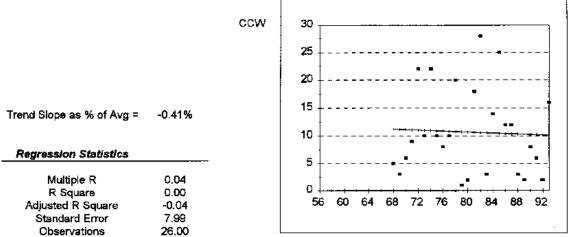
# **Ruddy Turnstone**



df	Sum of Squares	Mean Square	F	Significance F	
1.00	195.41	195.41	3.97	0,06	-
15.00	738.12	49.21			
16.00	933.53				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-23.92	14.97	-1.60	0.13	-55.82	7.98
0.37	0.19	1.99	0.06	-0.03	0.76
	1.00 15.00 16.00 <i>Coefficient</i> -23.92	1.00         195.41           15.00         738.12           16.00         933.53           Coefficient         Standard Error           -23.92         14.97	1.00         195.41         195.41           15.00         738.12         49.21           16.00         933.53         -23.92           Coefficient         Standard Error         t Statistic           -23.92         14.97         -1.60	1.00         195.41         195.41         3.97           15.00         738.12         49.21           16.00         933.53         -23.92         14.97           -23.92         14.97         -1.60         0.13	1.00         195.41         195.41         3.97         0.06           15.00         738.12         49.21         16.00         933.53           Coefficient Standard Error         t Statistic         P-value         Lower 95.00%           -23.92         14.97         -1.60         0.13         -55.82

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	-1.03	2.03	0.29	2.94	1
2	0.08	0.92	0.13	8.82	· 1
3	2.66	7.34	1.05	14.71	1
4	3.03	-2.03	-0.29	20.59	t
5	3.40	-1.40	-0.20	26.47	1
6	3.77	-2.77	-0.40	32.35	1
7	4.14	-1.14	-0.16	38.24	2
8	4,51	-2.51	-0.36	44.12	2
9	5.99	0.01	0.00	50.00	2
10	6.73	-5.73	-0.82	55.88	2
11	7.47	8.53	1.22	61.76	2
12	7,83	-5.83	-0.83	67.65	3
13	8.94	-6.94	-0.99	73.53	6
14	9.31	-8.31	-1.18	79.41	10
15	9.68	12.32	1.76	85.29	16
16	10.05	-8.05	-1.15	<del>9</del> 1.18	22
17	10,42	13.58	1.94	97.06	24

# **Ruddy Turnstone**

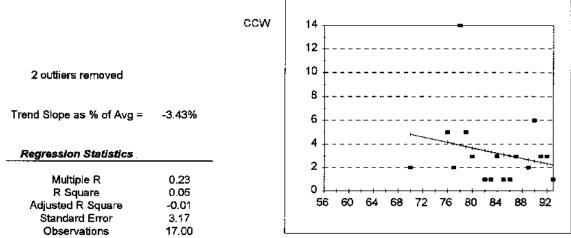


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	2.76	2,76	0.04	0.84	-
Residual	24.00	1533.13	63.88			
Total	25.00	1535.88				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	Coefficient 14.15	Standard Error	t Statistic 0.84	<i>P-value</i> 0.41	Lower 95.00%	Upper 95.00% 49.02

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	10.72	-9.72	-1.22	1.92	1
2	10.28	-8.28	-1.04	5.77	2
3	10.15	-8.15	-1.02	9.62	2
4	10.68	-8.68	-1.09	13.46	2 3
5	11.15	-8.15	-1.02	17.31	3
6	10,55	-7.55	-0.94	21.15	3
7	10.33	-7,33	-0.92	25,00	3
8	11.20	-6.20	-0.78	28.85	5
9	10.20	-4.20	-0.53	32.69	6
10	11.11	-5.11	-0.64	36.54	6
11	10.85	-2.85	-0.36	40.38	8
12	10.24	-2.24	-0. <b>28</b>	44.23	8
13	11.07	-2.07	-0.26	48.08	9
14	10.89	-0.89	-0.11	51.92	10
15	10.98	-0.98	-0.12	55.77	10
16	10.81	-0,81	-0.10	59,62	10
17	10.37	1.63	0.20	63.46	12
18	10.42	1.58	0.20	67,31	12
19	10.50	3.50	0.44	71.15	14
20	10.11	5.89	0.74	75.00	16
21	10.63	7.37	0.92	78.85	18
22	10.76	9.24	1.16	82.69	20
23	10.94	11.06	1.38	86.54	22
24	11.02	10.98	1.37	90.38	22
25	10.46	14.54	1.82	94.23	25
26	10.59	17.41	2.18	98.08	28

Red Knot		Г <sup></sup>				
		ANWR+CCW	30 T			
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			25			·
outliers removed			_ 20			
			ota			
Frend Slope as % of Avg =	-0.87%					·
<b>.</b>			ខឺ <sub>10</sub> ‡			
Regression Statistics						
	· · · ·	-	5			<u>**-₹</u>
Multiple R	0.04			<del>.</del>		• •
R Square Adjusted R Square	0.00 -0.06		56 60 64	68 72	76 80 84 88	· ·
Standard Error	7.86			Ye	ar	
Observations	18.00	L			· · · · ·	
Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	2.00	2.00	0.03	0.86	
Residual	16.00	988.94	61.81			
Total	17.00	990.94				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	ipper 95.00
Intercept	10.41	24.30	0.43	0.67	-41.09	61.92
x1	-0.05	0.29	-0.18	0.86	-0.67	0.57
					<b>-</b>	
Observations	Predicted Y 6.12		Stdzd Residuals -0.65		2.78	<u> </u>
1 2	6.06	-5.12 -5.06	-0.64		8.33	1
3	5.91	-4.91	-0.62		13.89	1
4	5.96	-4.96	-0.63		19.44	1
5	6.38	-4.38	-0.56		25.00	2
6	5.75	-3.75	-0.48		30.56	2
Ť	6.75	-4.75	-0.60		36.11	2
8	5.59	-2.59	-0.33		41.67	3
					47.22	3
		-3.22	-0.41			
9	6.22	-3.22 -3.01	-0.41 -0.38			
9 †0	6.22 6.01	-3.01	-0.38		52.78	3
9 †D 11	6.22 6.01 5.8 <del>5</del>	-3.01 -2.85	-0.38 -0.36		52.78 58.33	3 3
9 †D 11 12	6.22 6.01 5.85 6.27	-3.01 -2.85 -1.27	-0.38 -0.36 -0.16		52.78 58.33 63.89	3 3 5
9 †0 11 12 13	6.22 6.01 5.85 6.27 6.43	-3.01 -2.85 -1.27 -1. <b>43</b>	-0.38 -0.36 -0.16 -0.18		52.78 58.33 63.89 69.44	3 3 5 5
9 †D 11 12 13 14	6.22 6.01 5.85 6.27 6.43 5.70	-3.01 -2.85 -1.27 -1.43 0.30	-0.38 -0.36 -0.16 -0.18 0.04		52.78 58.33 63.89 69.44 75.00	3 3 5 5 6
9 †D 11 12 13 14 15	6.22 6.01 5.85 6.27 6.43 5.70 5.65	-3.01 -2.85 -1.27 -1.43 0.30 1.35	-0.38 -0.36 -0.16 -0.18 0.04 0.17		52.78 58.33 63.89 69.44 75.00 80.56	3 3 5 5 6 7
9 †D 11 12 13 14 15 16	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98		52.78 58.33 63.89 69.44 75.00 80.56 86.11	3 5 5 6 7 14
9 tD 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98		52.78 58.33 63.89 69.44 75.00 80.56 86.11	3 5 5 6 7 14
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 tD 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 tD 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 t0 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 t0 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 tD 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22
9 †D 11 12 13 14 15 16 17	6.22 6.01 5.85 6.27 6.43 5.70 5.65 6.33 5.54	-3.01 -2.85 -1.27 -1.43 0.30 1.35 7.67 16.46	-0.38 -0.36 -0.16 -0.18 0.04 0.17 0.98 2.09		52.78 58.33 63.89 69.44 75.00 80.56 86.11 91.67	3 5 5 6 7 14 22

# Red Knot

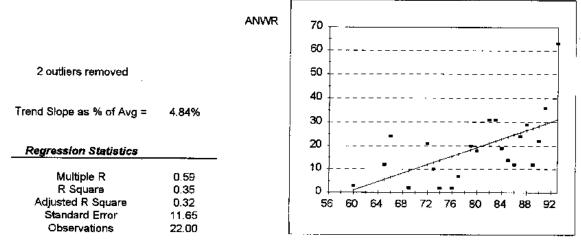


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	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	8.38	8,38	0.83	0,38	-
Residual	15.00	151.15	10.08			
Total	16.00	159.53				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	12.73	10.38	1.23	0.24	-9.39	34.86
x1	-0.11	0.12	-0.91	0.38	-0.38	0.15

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	¥
1	2.24	-1.24	-0.39	2.94	1
2	3.14	-2.14	-0.67	8.82	1
3	3.48	-2.48	-0.78	14.71	1
4	3.37	-2.37	-0.75	20.59	1
5	3.03	-2.03	-0.64	26.47	1
6	4.04	-2.04	-0.64	32.35	2
7	2.69	-0.69	-0.22	38.24	2
8	4.83	-2.83	-0.89	44.12	2
9	3.25	-0.25	-0.08	50.00	3
10	2.46	0.54	0.17	55.88	3
11	2.35	0.65	0.20	61.76	3
12	2.92	0.08	0.03	67.65	3
13	3.71	-0.71	-0.22	73.53	3
14	4.16	0,84	0.27	79.41	5
15	3.82	1.18	0.37	85.29	5
16	2.58	3.42	1.08	91,18	6
17	3.93	10.07	3.17	97.06	14

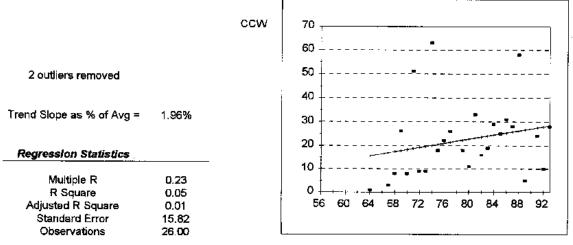
Sanderling		Г				
		ANWR+CCW	100			
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cutiers removed			80			
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rend Slope as % of Avg ≃	4.20%			-	and the second se	
rend diope as % of Avg -	· 4.2070		8 40 + + +			
Regression Statistics						
		-	20			• •
Multiple R R Square	0.55 0.30		°			
Adjusted R Square	0.27		56 60 64	68 72	76 80 84 8	8 92
Standard Error	21.83			<b>Y</b>	ear	
Observations	27.00				· · · · · ·	
Analysis of Variance	ale	Sum of Saucro	Maan Sauara	F	Pinalfinanco F	
Regression	1.00	Sum of Squares 5132.30	<u>s Mean Square</u> 5132.30	<b>F</b>	Significance F 0.00	
Residual	25.00	11910.89	476.44			
Total	26.00	17043.19				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-85.07	37.51	-2.27	0.03	-162.31	-7.82
Intercept x1	-85.07 1.57	37.51 0.48	-2.27 3.28	0.03 0.00	-162.31 0.58	-7.82 2.55
Intercept x1	-85.07 1.57	37.51 0.48	-2.27 3.28	0.03 0.00	-162.31 0.58	-7.82 2,55
	1.57 <i>Predicted</i> Y				0.58 Percentile	
x1 <i>Observations</i> 1	1.57 <i>Predicted</i> Y 15.16	0.48 <i>Residuals</i> -14.16	3.28 Stdzd Residuals -0.65		0.58 	2.55 y 1
x1 <u>Observations</u> 1 2	1.57 <u>Predicted Y</u> 15.16 19.86	0.48 <i>Residuals</i> -14.16 -16.86	3.28 Stdzd Residuals -0.65 -0.77		0.58 <i>Percentile</i> 1.85 5.56	2.55 <u>y</u> 1 3
x1 <u>Observations</u> 1 2 3	1.57 <i>Predicted</i> Y 15.16 19.86 24.56	0.48 <b>Residuals</b> -14.16 -16.86 -16.56	3.28 <i>Stdzd Residuals</i> -0.65 -0.77 -0.76		0.58 <i>Percentile</i> 1.85 5.56 9.26	2.55 y 1 3 8
x1 <i>Observations</i> 1 2 3 4	1.57 <i>Predicted Y</i> 15.16 19.86 24.56 21.42	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42	3.28 <i>Stdzd Residuals</i> -0.65 -0.77 -0.76 -0.62		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96	2.55 <u>y</u> 1 3 8 8
x1 <i>Observations</i> 1 2 3 4 5	1.57 <i>Predicted Y</i> 15.16 19.86 24.56 21.42 59.01	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01	3.28 <i>Stdzd Residuals</i> -0.65 -0.77 -0.76 -0.62 -2.25		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67	2.55 1 3 8 8 10
x1 <i>Observations</i> 1 2 3 4 5 6	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73	3.28 <b>Stdzd Res/duals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37	2.55 1 3 8 8 10 12
x1 <i>Observations</i> 1 2 3 4 5 6 7	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07	2.55 1 3 8 8 10 12 17
x1 <i>Observations</i> 1 2 3 4 5 6 7 8	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78	2.55 1 3 8 8 10 12 17 19
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48	2.55 1 3 8 8 10 12 17 19 24
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 -0.46		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19	2.55 1 3 8 8 10 12 17 19 24 24 24
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89	2.55 y 1 3 8 8 10 12 17 19 24 24 24 28
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59	2.55 y 1 3 8 8 10 12 17 19 24 24 28 29
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30	2.55 1 3 8 8 10 12 17 19 24 24 28 29 30
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00	2.55 1 3 8 10 12 17 19 24 24 28 29 30 33
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70	2.55 1 3 8 10 12 17 19 24 24 28 29 30 33 38
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 48.05 49.61 43.35	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17		0.58 <i>Percentile</i> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.47 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.47 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 48.05 49.61 43.35 46.48 44.92 26.12	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.47 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92 26.12 51.18	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88 0.82	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14 0.04		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63	2.55 1 3 8 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51 52
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92 26.12 51.18 57.44	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88 0.82 2.56	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14 0.04 0.12		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51 52 60
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92 26.12 51.18 57.44 30.82	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88 0.82 2.56 34.18	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14 0.04 0.12 1.57		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04	2.55 1 3 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51 52 60 65
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92 26.12 51.18 57.44 30.82 52.75	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88 0.82 2.56 34.18 34.25	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14 0.04 0.12 1.57 1.57		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04 90.74	2.55 1 3 8 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51 52 60 65 87
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1.57 <b>Predicted Y</b> 15.16 19.86 24.56 21.42 59.01 16.73 54.31 29.25 18.29 33.95 22.99 40.22 27.69 35.52 38.65 48.05 49.61 43.35 46.48 44.92 26.12 51.18 57.44 30.82	0.48 <b>Residuals</b> -14.16 -16.86 -16.56 -13.42 -49.01 -4.73 -37.31 -10.25 5.71 -9.95 5.01 -11.22 2.31 -2.52 -0.65 -9.05 -6.61 3.65 1.52 5.08 24.88 0.82 2.56 34.18	3.28 <b>Stdzd Residuals</b> -0.65 -0.77 -0.76 -0.62 -2.25 -0.22 -1.71 -0.47 0.26 -0.46 0.23 -0.51 0.11 -0.12 -0.03 -0.41 -0.30 0.17 0.07 0.23 1.14 0.04 0.12 1.57		0.58 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04	2.55 1 3 8 8 10 12 17 19 24 28 29 30 33 38 39 43 47 48 50 51 52 60 65

# Sanderling



Analysis of Variance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1480.75	1480.75	10.90	0.00	-
Residual	20.00	2716.52	135.83			
Total	21.00	4197.27				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.009
Intercept	-53.58	22.07	-2.43	0.02	-99,61	-7.55
x1	0.91	0.28	3.30	0.00	0.34	1.49
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	1,06	1.94	0.17		2.27	2
2	5.61	6.39	0.55		6.62	2
3	6.52	17.48	1.50		11.36	2 2
4	9.26	-7.26	-0.62		15.91	3
5	11.99	9.01	0.77		20.45	7
6	12.90	-2.90	-0.25		25.00	10
7	13.81	-11,81	-1.01		29.55	12
8	15.63	-13.63	-1.17		34.09	12
9	16.54	-9.54	-0.82		38.64	12
10	18.36	1.64	0.14		43.18	14
11	19.27	-1.27	-0.11		47.73	18
12	21.09	9.91	0.85		52.27	19
13	22.01	8,99	0.77		56,82	20
14	22.92	-3.92	-0.34		61.36	21
15	23.83	-9.83	-0.84		65.91	22
16	24.74	-12.74	-1.09		70.45	24
17	25.65	-1.65	-0.14		75,00	24
18	26.56	2.44	0.21		79.55	29
19	27.47	-15.47	-1.33		84.09	31
20	28,38	-6.38	-0.55		88.64	31
21	29.29	6.71	0.58		93.18	36

# Sanderling

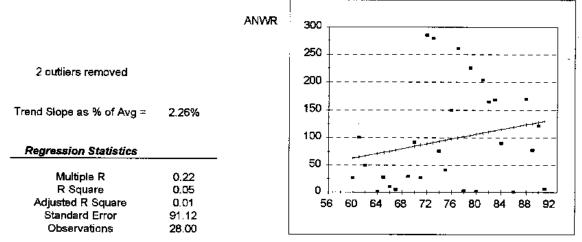


manyara er variance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	338.40	338.40	1.35	0.26	-
Residual	24.00	6008.71	250.36			
Total	<b>25.0</b> 0	6347.12				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-12.33	29.92	-0.41	0.68	-74.08	49.42
x1	0.44	0.38	1.16	0,26	-0.34	1.21

Observations	Predicted Y	Residuais	Stdzd Residuals	Percentile	У
1	15.67	-14.67	-0.93	1.92	1
2	16.99	-13.99	-0,68	5.77	3
Э	26.61	-21.61	-1.37	9.62	5
4	18.30	-10.30	-0.65	13.46	8
5	17.42	-9.42	-0.60	17.31	8
6	19.17	-10.17	-0.64	21.15	9
7	19.61	-10.61	-0.67	25.00	9
8	27.92	-17.92	-1.13	28.85	10
9	22.67	-11.67	-0.74	32.69	11
10	23,55	-7.55	-0.48	36.54	16
11	22.24	-4,24	-0.27	40.38	18
12	20.49	-2.49	-0.16	44.23	18
13	23.99	-4.99	-0.32	48,08	19
14	20.92	1.0B	0.07	51.92	22
15	27.49	-3,49	-0.22	55,77	24
16	24.86	0,14	0.01	59.62	25
17	17.86	8.14	0.51	63.46	26
18	21.36	4.64	0.29	67.31	26
19	25.74	2.26	0.14	71.15	28
20	28.36	-0.36	-0.02	75.00	28
21	24.42	4.58	0.29	78.85	29
22	25.30	5.70	0.36	82.69	31
23	23.11	9.89	0.63	86,54	33
24	18.74	32.26	2.04	90.38	51
25	26.17	31.83	2.01	94.23	58
26	20.05	42.95	2.71	98.08	63

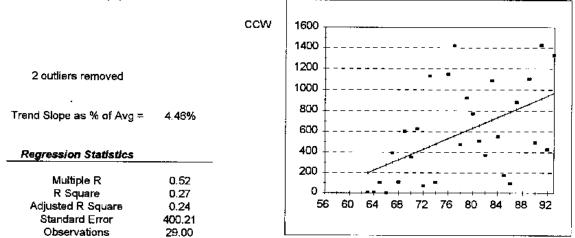
Western Sandpiper		_				
		Γ				
		ANWR+CCW	1800 -			
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			1400 🖡			•
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			<b>n</b> <sup>1200</sup> +			
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Frend Stope as % of Avg =	4.15%		<b>T</b>		And when	-
	4.1070		5 800			
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Regression Statistics			400 +			
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Multiple R	0.50		200 +			
R Square	0,25					
Adjusted R Square	0.22	Ĩ	56 60 64	68 72	76 60 84	86 92
Standard Error	442.06			Y	ear	
Observations	28.00					
010010	20.00	_				
Analysis of Variance						
	đf	Sum of Square	s Mean Square	F	Significance F	-
Regression	1.00	1671264.83	1671264.83	8.55	0.01	_
Residual	26.00	5080804.17	195415.55	0.00	0.01	
Total	27.00	6752069.00	180410.00			
i Otal	27.00	0752009.00				
	Coefficient	Standard Erro	r t Statistic	Duralua	Louise OF AAN	linner OF A
	COEMCIEIN	Stanuard Erro	1 1 3180500	P-value	Lower 95.00%	Opper 95.0
intercept	-1489.02	744.51	-2.00	0.06	-3019.38	41.34
x1	28.02	9.58	2.92	0.08	-3019.36	
×1	<b>∡</b> o, u∠	9.00	2.92	0.01	6.33	47.71
Observations	Predicted V	Rosiduale	Std7d Residuals			74
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	<u>y</u>
1	276.22	-269.22	-0.61		Percentile 1.79	7
1 2	276.22 304.24	-269.22 -295.24	-0.61 -0.67		Percentile 1.79 5.36	7 9
1 2 3	276.22 304.24 360.28	-269.22 -295.24 -345.28	-0.61 -0.67 -0.78		Percentile 1.79 5.36 8.93	7 9 15
1 2 3 4	276.22 304.24 360.28 920.67	-269.22 -295.24 -345.28 -822.67	-0.61 -0.67 -0.78 -1.86		Percentile 1.79 5.36 8.93 12.50	7 9 15 98
1 2 3 4 5	276.22 304.24 360.28 920.67 416.32	-269.22 -295.24 -345.28 -822.67 -308.32	-0.61 -0.67 -0.78 -1.86 -0.70		Percentile 1.79 5.36 8.93 12.50 16.07	7 9 15 98 108
1 2 3 4 5 6	276.22 304.24 360.28 920.67 416.32 332.26	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45		Percentile 1.79 5.36 8.93 12.50	7 9 15 98
1 2 3 4 5 6 7	276.22 304.24 360.28 920.67 416.32 332.26 584.44	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90		Percentile 1.79 5.36 8.93 12.50 16.07	7 9 15 98 108
1 2 3 4 5 6 7 8	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45		Percentile 1.79 5.36 8.93 12.50 16.07 19.64	7 9 15 98 108 133
1 2 3 4 5 6 7 8 9	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21	7 9 15 98 108 133 <b>18</b> 5
1 2 3 4 5 6 7 8	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36	7 9 15 98 108 133 185 357 399
1 2 3 4 5 6 7 8 9 10 11	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79	7 9 15 98 108 133 185 357 399 428
1 2 3 4 5 6 7 8 9 10 11	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50	7 9 15 98 108 133 185 357 399 428 442
1 2 3 4 5 6 7 8 9 10 11 12	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07	7 9 15 98 108 133 185 357 399 428 442 442 475
1 2 3 4 5 6 7 8 9 10 11 12 13	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64	7 9 15 98 108 133 185 357 399 428 442 475 538
1 2 3 4 5 6 7 8 9 10 11 12 13 14	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21	7 9 15 98 108 133 185 357 399 428 442 475 538 615
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.60 41.07 44.64 48.21 51.79	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.60 41.07 44.64 48.21 51.79 55.36 58.93	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1068.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73 836.61	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27 419.39	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.95		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.96 1.49		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256 1299
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1068.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73 836.61	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27 419.39	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.95		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1068.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73 836.61 640.48	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27 419.39 658.52	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.96 1.49		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256 1299
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73 836.61 640.48 892.65	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -56.69 423.46 178.27 419.39 658.52 482.35 854.58	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.95 1.49 1.09 1.93		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.60 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50 91.07	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256 1299 1375 1411
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	276.22 304.24 360.28 920.67 416.32 332.26 584.44 528.40 388.30 1088.79 472.36 696.52 808.59 1032.75 444.34 864.63 500.38 780.57 752.55 948.69 724.54 1004.73 836.61 640.48 892.65 556.42	-269.22 -295.24 -345.28 -822.67 -308.32 -199.26 -399.44 -171.40 10.70 -660.79 -30.36 -221.52 -270.59 -417.75 186.66 -224.63 154.62 -70.57 21.45 -66.69 423.46 178.27 419.39 658.52 482.35	-0.61 -0.67 -0.78 -1.86 -0.70 -0.45 -0.90 -0.39 0.02 -1.49 -0.07 -0.50 -0.61 -0.95 0.42 -0.51 0.35 -0.16 0.05 -0.15 0.96 0.40 0.95 1.49 1.09		Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50	7 9 15 98 108 133 185 357 399 428 442 475 538 615 631 640 655 710 774 882 1148 1183 1256 1299 1375

# Western Sandpiper



	df	Sum of Squares	Maan Bawara	F	Dispillionnos E	•
Regression	1.00	10921.93	Mean Square 10921.93	1.32	Significance F 0.26	-
Residual	26.00	215860.50		1.52	0.20	
Total	27.00	215880.50	8302.33			
TOTAL	27.00	220/02.43				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-68.34	144.62	-0.47	0.64	-365.62	228.94
x1	2.18	1.90	1. <b>1</b> 5	0.26	-1.73	6.09
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	62.61	-35.61	-0.39		1.79	1
2 3	64.79	35.21	0.39		5.36	2
3	66.97	-16.97	-0.19		8.93	2 2 3
4	71.34	-69.34	-0.76		12.50	3
5	73,52	-45.52	-0.50		16.07	5
6	75.70	-64.70	-0.71		19.64	7
7	77.88	-72.88	-0.80		23.21	11
8	82.25	-52.25	-0.57		26.79	27
9	84.43	6.57	0.07		30.36	27
10	<b>86</b> .61	-59.61	-0.65		33,93	28
11	88.80	196.20	2.15		37.50	30
12	90.98	188.02	2.06		41.07	41
13	93,16	-17.16	-0.19		44.64	50
14	95,34	-54.34	-0.60		48.21	76
15	97.53	52.47	0.58		51.79	78
16	99.71	160.29	1.76		55.36	90
17	101.89	-98.89	-1.09		58,93	91
18	104.07	120.93	1.33		62.50	100
19	106.26	-104.26	-1.14		66.07	122
20	108.44	95,56	1.05		69.64	150
21	110.62	54.38	0.60		73.21	165
22	112.80	56.20	0.62		76,79	169
23	114.99	-24,99	-0.27		80.36	170
24	119.35	-118.35	-1.30		83.93	204
25	123.72	46.28	0.51		87.50	225
26	125.90	-47.90	-0.53		91.07	260
27	128.08	-6.08	<b>-0</b> .07		94.64	279
28	130.26	-123.26	-1.35		98.21	285

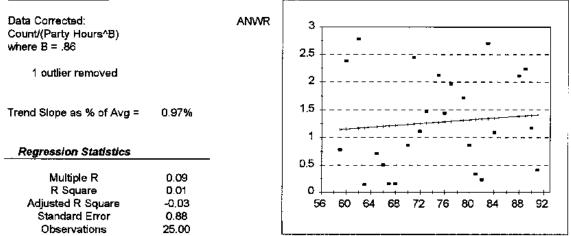
# Western Sandpiper



	df	Sum of Squares		F	Significance F	
Regression	1.00	1561115.12	1561115.12	9.75	0.00	-
Residual	27.00	4324498.74	160166.62			
Totai	28.00	5885613.86				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1419,91	643.63	-2.21	0.04	-2740.53	-99.28
×1	25.67	8.22	3,12	0.00	8.80	42.54
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
	274.24	-270.24	-0.68		1.72	4
2	222.90	-215.90	-0.54		5.17	7
3	197.23	-190.23	-0.48		8.62	7
4	428.25	-356.25	-0.89		12.07	72
5	787.62	-690.62	-1.73		15.52	97
6	248.57	-143.57	-0.36		18.97	105
7	325,58	-217.58	-0,54		22.41	108
8	479.59	-370.59	-0.93		25.B6	109
9	761,95	-5 <b>8</b> 6.95	-1.47		29.31	175
10	376.91	-25.91	-0.06		32.76	351
11	684,94	-311.94	-0.78		36.21	373
12	299.91	94.09	0.24		39.66	394
13	941.63	-513.63	-1.28		43.10	428
14	582.26	-110.26	-0.28		46.55	472
15	890,29	-397.29	-0.99		50.00	493
16	659,27	-153.27	-0.38		53.45	506
17	736,28	-186.28	-0.47		56.90	550
18	351.25	249,75	0.62		60.34	601
19	402,58	225.42	0.56		63.79	628
20	633,60	138.40	0.35		67.24	772
21	813.28	68.72	0,17		70.69	882
22	607,93	315.07	0.79		74.14	923
23	710.61	376.39	0.94		77.59	1087
24	864.62	240.38	0,60		81.03	1105
<b>2</b> 5	453.92	678.08	1.69		84.48	1132
26	530.93	618.07	1,54		87.93	1149
27	967.30	362.70	0.91		91.38	1330
28	556.60	865.40	2.16		94.83	1422
29	915.96	508.04	1.27		98.28	1424

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rend Slope as % of Avg =	2.54%		400			f I
Tend Slope as 70 of Avg -	- 2.5470		<b>2</b> 300 +			
			O 200	-		******
Regression Statistics			200			• • • • •
		-	100 +			
Multiple R	0.28		ł		-	
R Square	0.08		0 + + ++	+++		<del></del>
Adjusted R Square	0.04		56 60 64	68 72 Yi	76 60 84 Bar	86 92
Standard Error	161.69			•	241	
Observations	31.00	4				
Analysis of Variance						
nnaryara ur variance	df	Sum of Square	s Mean Square	F	Significance F	
Regression	1.00	63094,79	63094.79	2.41	0.13	-
Residual	29.00	758155.08	26143.28	<b>BA</b> , <b>T</b>	0.10	
Total	30.00	821249.87				
	= = =					
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-194_49	254.91	-0.76	0.45	-715.84	326.86
x1	5.04	3.25	1.55	0.13	-1.60	11.68
Observations	Decallated V	Desiduals			<b>D</b> ecentile	
Observations	Predicted Y 123.28	<u>Residuals</u> -116.28	-0.72		Percentile	<u> </u>
1	123.28		-0.72 -0.69		1.61	-
2 3	120.52	-112.32	-0.76		4.84	16
4	234.24	-123.45 -200.24	-0.78		8.06 11.29	20 34
5	239.29	-192.29	-1.19		14.52	34 47
6	148.50	-96,50	-0.60		17.74	52
7	264.51	-190.51	-1.18		20.97	74
8	138,41	-53.41	-0.33		24.19	85
9	209.02	-121.02	-0.75		27.42	88
10	219.11	-121.11	-0.75		30.65	98
11	274.59	-173.59	-1.07		33.87	101
12	224.16	-102.16	-0.63		37.10	122
13	178.76	-51.76	-0.32		40.32	127
14	158.58	-23.58	-0.15		43.55	135
15	259.46	-122.46	-0.76		46.77	137
16	133,36	31.64	0.20		50.00	165
17	<b>193.8</b> 9	-22.89	-0.14		53,23	171
18	254.42	-80.42	-0.50		56.45	174
19	198.94	-8.94	-0.06		59.68	190
20	153.54	37.46	0.23		62.90	191
21	203.98	20.02	0.12		66.13	224
22	188.85	54.15	0.33		69.35	243
23	229.20	14.80	0.09		72.58	244
24	173.72	B2.28	0.51		75.81	256
25	214.07	63.93 147.27	0.40		79.03 83.36	278
	163.63 183.60	117.37	0.73		82.26	281
26	183.80	229.20	1.42 1.34		85.48 99.71	413 486
26 27			1.34		88.71	
26 27 28	269.55	216.45			01 04	530
26 27 28 29	269.55 168.67	361.33	2.23		91.94 95.16	530 560
26 27 28	269.55				91.94 95.16 98.39	530 560 618

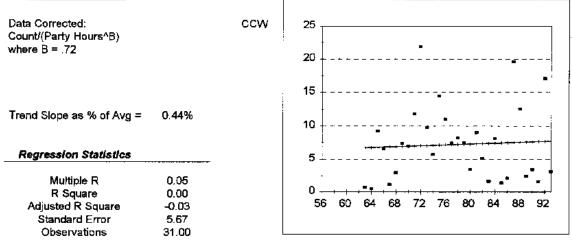
# Least Sandpiper



	ď	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.16	0.16	0.21	0.65	-
Residual	23.00	17.85	0.78			
Total	24.00	18.01				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficient 0.65	Standard Error	t Statistic	<i>P-value</i> 0.65	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	1.14	-0.36	-0.41	2.00	Ò
2	1.15	1.23	1.40	6.00	Ð
3	1.17	1.61	1.83	10.00	0
4	1.18	-1.03	-1.17	14.00	0
5	1.19	-0.48	-0.55	18.00	0
6	1.20	-0.70	-0.79	22.00	0
7.	1.21	-1.05	-1.19	26.00	1
8	1.22	-1.06	-1.20	30.00	1
9	1.24	-0.38	-0.43	34.00	1
10	1.24	1.20	1.37	38.00	1
11	1.25	-0.14	-0.16	42.00	1
12	1.26	0.21	0.24	46.00	1
13	1.28	0.85	0.96	50,00	1
14	1.29	0.15	0.17	54.00	1
15	1.29	0.68	0.77	58.00	1
16	1.31	0.41	0.46	62.00	1
17	1.32	-0.46	-0.52	66.00	2
18	1.33	-0.99	-1.12	70.00	2 2
19	1.34	-1.10	-1.25	74.00	2
20	1.34	1.35	1.54	78.00	2
21	1.35	-0.26	-0.30	82.00	2 2
22	1.39	0.72	0.81	86.00	2
23	1,40	0.84	0.95	90.00	2 2
24	1.40	-0.23	-0.26	94.00	з
25	1.41	-1.00	-1.14	98.00	з

# Least Sandpiper



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	2.51	2.51	0.08	0.78	-
Residual	29.00	932.27	32.15			
Total	30.00	934.78				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	4.76	8.94	0.53	0.60	-13.52	23,04

Observatio		Residuals	Stdzd Residuals	Percentile	У
1	6.79	-6,26	-1.10	1,61	1
2	6.76	-6.01	-1.06	4.84	1
3	6.89	-5.68	-1.00	8.06	1
4	7.46	-6.03	-1.06	11.29	1
5	7.65	-6.02	-1.06	14.52	2
6	7.40	-5.73	-1.01	17.74	2 2 2 2 3
7	7.49	-5.35	-0.94	20.97	2
6	7.59	-5.16	-0.91	24.19	2
9	6.92	-3.93	-0.69	27.42	3
10	7.72	-4.61	-0.81	30.65	3 3
11	7.62	-4.20	-0.74	33.87	3
12	7.30	-3.80	-0.67	37.10	3
13	7.37	-2.23	-0.39	40.32	5
14	7.11	-1.38	-0.24	43.55	6
15	6.86	-0.20	-0.04	46.77	6 7 7
16	6.98	0.03	0.01	50.00	7
17	6.95	0.44	0.08	53.23	7
18	7.21	0.21	0.04	56.45	7
19	7.27	0.21	0.04	59.68	7
20	7.43	0.66	0.12	62.90	8
21	7.24	0.94	0.17	66.13	8
22	7.33	1.70	0.30	69.35	9
23	6.83	2.45	0.43	72.58	9
24	7.08	2.69	0.48	75.81	10
25	7.18	3,85	0.68	79.03	11
26	7.02	4.83	0.85	82.26	12
27	7.56	5,01	0.88	85.48	13
28	7,14	7.32	1.29	88.71	14
29	7.68	9.35	1.65	91. <b>94</b>	17
30	7.53	12.11	2.14	95.16	20
31	7.05	14.82	2.61	98.39	22

Dunlin		Г				]
		ANWR+CCW	500			
			ł	-		
			400			
2 outliers removed			-			
Trend Slope as % of Avg =	0.93%	1	Court 100 200 200 200 200 200 200 200 200 200	• •	• •	
			ö <sup>200</sup>	• • • • • • •		
Regression Statistics				<u>+ +  -</u> ,, · · ·	-	
		-	100 +	••		·•
Multiple R	0.13				_	
R Square Adjusted R Square	0.02 -0.02		0 <del>  + + + + +</del> 56 60 64	68 72	76 80 84	B8 92 1
Standard Error	114.69			Y	ear	
Observations	29.00	L				
Analysis of Variance			<b></b> -	_		_
Regression		Sum of Square 5985,99	s Mean Square 5985.99	F 0.46	Significance 0.51	<u>r</u>
Residual	27.00	355152.22	13153.79	0.40	0.01	
Total	28.00	361138.21				
	Coefficient	Standard Erro	r t Statistic	P-value	1 ower 95 009	6 Upper 95.00
	· · · · · · · · · · · · · · · · · · ·			1-14146		0 Opper 30.00
Intercept	50.45	189.25	0.27	0.79	-337.85	438.76
x1	1.64	2.43	0.67	0.51	-3.35	6.64
Observations 1	Predicted Y 153.92	Residuals -148,92	<u>Stdzd Residuals</u> -1.30		Percentile 1.72	<u>y</u> 5
2	155.56	-140.56	-1.23		5.17	15
3	191.69	-161.69	-1.41		8.62	30
4	203.19	-172.19	-1.50		12.07	31
5 6	178.56 175,27	-119.56 -111.27	-1.04 -0.97		15.52 18.97	59 64
7	181.84	-117.84	-1.03		22.41	64
8	160.49	-76.49	-0.67		25.86	84
9	173,63	-88.63	-0.77		29.31	85
10	162.13 106.63	-76.13	-0.66		32.76	86
11 12	196.62 185. <b>1</b> 3	-88.62 -57.13	-0.77 -0.50		36.21 39.66	108 128
13	158.85	13.15	0.11		43.10	172
14	188.41	0.59	0.01		46.55	189
15	180.20	14.80	0.13		50.00	195
16	157,21	47.79	0.42		53.45 56.00	205
17 18	183,48 193,34	21.52 29.66	0.19 0.26		56.90 60.34	205 223
19	193.34	29.66 33.95	0.30		63.79	223
· 20	168.70	59.30	0.52		67.24	228
21	1 <b>76.91</b>	68.09	0.59		70.69	245
22	165.42	88.58	0,77		74.14	254
23	170.34	86.66	0,76		77.59	257
24 25	163.78 171.99	117.22 115.01	1.02 1.00		81.03 84.48	281 287
25	186.77	103.23	0.90		87,93	290
20	201.55	104.45	0.91		91.38	306
28	199,91	175.09	1.53		94.83	375
29	167.06	279.94	2.44		98.28	447

# <u>Dunlin</u>

		ANWR	350
			300
1 outlier removed			250
			200
Trend Slope as % of Avg =	3.20%	i	150
Regression Statistics			100
Multiple R	0.37		50
R Square	0.14		
Adjusted R Square	0.11		56 60 64 68 72 76 80 84 88 92
Standard Error	78.27		
Observations	30.00		

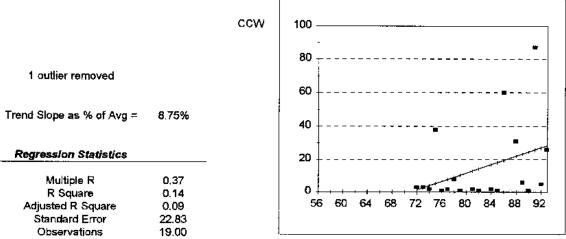
• • • • • • • • • • • • • • • • • • • •	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	27310.79	27310.79	4.46	0.04	-
Residual	28.00	171531.51	6126.13			
Total	29.00	198842.30				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-143,37	116.29	-1.23	0.23	<b>-38</b> 1. <del>5</del> 7	94.83
x1	3.21	1.52	2.11	0.04	0.10	6.33
Observations	Predicted Y	Residuals	Stdzd Residueis		Percentile	y
1	49.34	-20.34	-0.26		1.67	5
2	52.55	-46.55	-0.59		5.00	5
3	55.76	-40.76	-0.52		8.33	6
4	58.97	-53.97	-0.69		11.67	7
5	65.40	102.60	1.31		15.00	12
6	68.61	63.39	0.81		18.33	15
7	71.82	-7.82	-0.10		21.67	16
8	75.03	-45.03	-0.58		25.00	18
9	78.25	-9.25	-0.12		28.33	29
10	81.46	-12.46	-0.16		31.67	30
11	84.67	97,33	1.24		35.00	59
12	87.88	80.12	1.02		38.33	64
13	91.09	54,91	0.70		41.67	69
14	94.30	72.70	0.93		45.00	69
15	97.52	-92.52	-1.18		48.33	69
16	100.73	-84,73	-1.08		51.67	86
17	103.94	95.06	1.21		55.00	91
18	110.36	-9.36	-0.12		58.33	101
19	113.58	-101.58	-1.30		61.67	132
20	116.79	-25.79	-0.33		65.00	146
21	120.00	-51.00	-0.65		68.33	167
22	123.21	54.79	0.70		71.67	168
23	126.42	-40.42	-0.52		75.00	168
24	129.63	70,37	0,90		78.33	178
25	132.85	-114.85	-1.47		81.67	182
26	136.06	-129.06	-1,65		85.00	1 <b>9</b> 6
27	139.27	184,73	2.36		88.33	198
28	142.48	-83.48	-1.07		91.67	199
29	148.91	49.09	0.63		95.00	200
30	152.12	43.88	0.56		98.33	324

# <u>Dunlin</u>

Danni			
Data Corrected: Count/(Party Hours^B)		ccw	35
where B = .46			30
2 outliers removed			25
			20
Trend Slope as % of Avg =	1.55%		15
Regression Statistics			10
Multiple R	0.22		
R Square	0.05		
Adjusted R Square	0.01		56 60 64 68 72 76 80 84 88 92
Standard Error	6.88		
Observations	27.00	l	

•	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	58.49	58.49	1.23	0.28	-
Residual	25.00	1185.02	47.40			
Total	26.00	1243.50				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1.66	12.09	-0.14	0.89	-26.56	23.23
x1	0.17	0.15	1.11	0.28	-0.14	0.48
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	9.17	-7.40	-1.07		1.85	2
2	12.73	-9,49	-1.38		5.56	
3	14.08	-10.70	-1.55		9.26	3 3
4	9. <b>68</b>	-5.67	-0.82		12.96	4
5	13.40	-7.79	-1,13		16. <b>6</b> 7	6
6	9.34	-2.56	-0.37		20.37	7
7	11.20	-3.67	-0.53		24.07	8
8	11.54	-3.63	-0.53		27.78	8
9	11.37	-3.39	-0.49		31.48	8 8
10	10.52	-2.39	-0.35		35.19	8
11	9.51	-1.14	-0.17		38.89	8
12	11.88	-3.51	-0.51		42.59	8
13	9.85	-0.59	-0.09		46.30	9
14	12.22	-2.75	-0.40		50.00	9
15	11.03	-0.25	-0.04		53.70	11
16	12.56	0.34	0.05		57,41	13
17	13,91	-0.98	-0.14		61.11	13
18	12.05	1.18	0.17		64,81	13
19	11.71	1.52	0.22		68.52	13
20	13.57	0.65	0.09		72.22	14
21	12.39	2.80	0.41		75,93	15
22	10.69	5.81	0.84		79.63	17
23	10,86	5.71	0.83		83.33	17
24	13.74	6.13	0.89		87,04	20
25	13.23	9.30	1.35		90.74	23
26	13.06	12.33	1.79		94.44	25
27	10.19	20.13	2.92		98.15	30
28	10.12	20.19	2.85		98.21	30

# Stilt Sandpiper

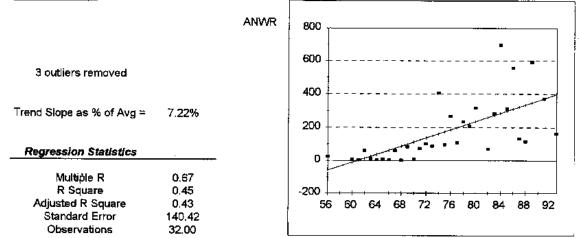


df	Sum of Squares	Mean Square	F	Significance F	, ,
1.00	1427.15	1427.15	2.74	0.12	-
17.00	8860.53	521.21			
18.00	10287.68				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-91.47	64.40	-1.42	0.17	-227.33	44.39
	1.00 17.00 18.00 <i>Coefficient</i>	1.00 1427.15 17.00 8860.53 18.00 10287.68 Coefficient Standard Error	1.00 1427.15 1427.15 17.00 8860.53 521.21 18.00 10287.68 Coefficient Standard Error t Statistic	1.00     1427.15     1427.15     2.74       17.00     8860.53     521.21       18.00     10287.68       Coefficient Standard Error t Statistic P-value	1.00       1427.15       1427.15       2.74       0.12         17.00       8860.53       521.21         18.00       10287.68         Coefficient Standard Error t Statistic P-value Lower 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	18.13	-17.13	-0.75	2.63	1
2	14.26	-13.26	-0.58	7.89	1
3	24.58	-23.58	-1.03	13.16	1
4	10.39	-9.39	-0.41	18.42	1
5	6.53	-5.53	-0.24	23.68	1
6	7.81	-5.81	-0.25	28.95	2
7	3,95	-1.95	-0.09	34.21	2
8	12.97	-10.97	-0.48	39.47	2
9	16.84	-14.84	-0.65	44.74	2
10	2,66	0.34	0.02	50.00	3
<b>1</b> 1	1.37	1.63	0,07	55.26	3
12	27.16	-22.16	-0.97	60.53	5
13	23.29	-17.29	-0.76	65.79	6
14	9.10	-1.10	-0.05	71.05	8
15	28.45	-2.45	-0.11	76.32	26
16	22.00	9.00	0.39	81.58	31
17	5.24	32.76	1.44	86.84	38
18	19.42	40.58	1.78	92.11	60
19	25.87	61.13	2.68	97.37	87

dowitcher sp.		ſ	· ·			<del></del>	
		ANWR+CCW	140	0			
				° [			
			120	•+			
·			100	<u>م ا</u>			
2 outliers removed				1			
			Count Total	o			
Trend Slope as % of Avg =	6.50%		т ы ы		- '	•	-
			0	•			•
			40	• + <b></b>	/		
Regression Statistics		-		. †		~ •	
Multiple R	0.78		20	<b></b>			=
R Square	0.61		.	o <del> </del>	•	·	J
Adjusted R Square	0.59			56 60 64	68 72 Y	76 80 84 ear	86 92
Standard Error	271.24						
Observations	29.00	l	L	<b></b> .			
Analysis of Variance	đf	Sum of Squar	ne M	lean Square	F	Significance F	
Regression	1.00	3084378.21		3084378.21	41,93	0.00	-
Residual	27.00	1986352.82		73568,62			
Total	28.00	5070731.03					
	Coefficient	Standard Erro	or	t Statistic	P-value	Lower 95.00%	Upper 95.00
				5.40	0.00		-1381.71
Intercept x1	-2294.09 36.85	444.67 5.69		-5.16 6.47	0.00 0.00	-3206.48 25.18	48.53
XI	30.65	0.08		0.47	0.00	20.10	40.00
Observations	Predicted Y	Residuals	Ste	tzd Residuals		Percentile	v
1	101.46	-88.46	010	-0.33	•	1.72	<u>y</u> 13
2	27.75	-14.75		-0.05		5.17	13
3	64.60	-48.60		-0.18		8.62	16
4	285.73	-261.73		-0.96		12.07	24
5	212.02 138.31	-163.02 -62.31		-0.60 -0.23		15.52 18. <del>9</del> 7	49 76
6 7	175,16	-95.16		-0.25		22.41	80
8	359.44	-143.44		-0.53		25.86	216
9	322.58	-75.58		-0.28		29.31	247
10	396,29	-111.29		-0.41		32.76	285
11	617.42	-290.42		-1.07		36.21	327
12	506.86	-152.86		-0.56		39.66	354
13	654.27	-204.27		-0.75		43.10	450
14	838.55	-350.55		-1.29		46.55 50.00	488 544
15 16	1133.38 560.57	-589.38 32.43		-2.17 0.12		53.45	613
17	248.87	398.13		1.47		56.90	647
18	949.11	-278.11		-1.03		60.34	671
19	433.15	295.85		1.09		63.79	729
20	764.84	14.16		0.05		67.24	779
21	727.98	92.02		0.34		70.69	820
22	985.97	19.03		0.07		74.14	1005
23	801,69 691,12	211.31 419.87		0,78 1 <i>.</i> 54		77.59 81.03	1013 1110
24 25	691.13 875.40	418.87 245.60		1.54 0.91		84.48	1121
25	912.26	232.74		0.86		87.93	1145
27	1059.68	96.32		0.36		91.38	1156
28	1022.82	162,18		0.60		94.83	1185
29	543.71	711.29		2.62		98.28	1255
					1		

# dowitcher sp.



manyolo or ranking						
	df	Sum of Squares	Mean Square	F	Significance F	•
Regression	1.00	483493.41	483493.41	24.52	0.00	-
Residual	30.00	591514.46	19717.15			
Total	31.00	1075007.88				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-754.12	188.55	-4.00	0.00	-1139.19	-369.05
x1	12.37	2.50	4.95	0.00	7.27	17.47

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	-61.30	86.30	0.61	1.56	2
2 3	-11.82	18. <b>8</b> 2	0.13	4.69	6
3	0,55	5.45	0.04	7.81	6
4	12.93	48.07	0.34	10.94	6
5	25.30	-12.30	-0.09	14.06	7
6	37.67	-31.67	-0.23	17.19	10
7	50.04	-40.04	-0.29	20.31	10
8	62.41	-56.41	-0.40	23.44	13
9	74,78	-14.78	-0.11	26.56	25
10	87.16	-85,16	-0.61	29.69	60
11	99.53	-15.53	-0.11	32.81	61
12	111.90	-101.90	-0.73	35.94	71
13	124.27	-50.27	-0.36	39,06	74
14	136.64	-33.64	-0.24	42.19	84
15	149.01	-61.01	-0.43	45.31	88
16	161.39	244.61	1.74	48.44	98
17	173.76	-75,76	-0.54	51.56	103
18	186.13	79.87	0,57	54.69	109
19	198.50	-89.50	-0.64	57.81	116
20	210.87	24.13	0.17	60.94	133
21	223.24	-15.24	-0.11	64.06	163
22	235.62	82.38	0.59	67.19	208
23	260,36	-189.36	-1.35	70.31	235
24	272.73	10.27	0.07	73.44	266
25	285.10	409.90	2.92	76,56	283
26	297,47	13,53	0,10	79,69	311
27	309.85	245,15	1,75	82.81	31B
28	322.22	-189.22	-1,35	85,94	372
29	334.59	-218.59	-1.56	89.06	406
30	346,96	245,04	1.75	92.19	555
31	371.70	0.30	0.00	95.31	592
32	396.45	-233.45	-1.66	98.44	695

# dowitcher sp.

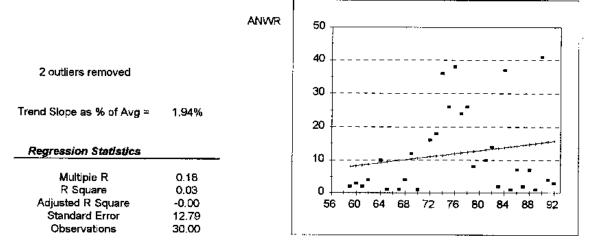
Data Corrected: Count/(Party Hours^B) where B ≈ .77	ccw	40
2 outliers removed		30 25
Trend Slope as % of Avg = 4	4.35%	20
Regression Statistics		10
R Square Adjusted R Square Standard Error	0.45 0.20 0.17 7.95 28.00	5 60 64 68 72 76 80 84 88 92

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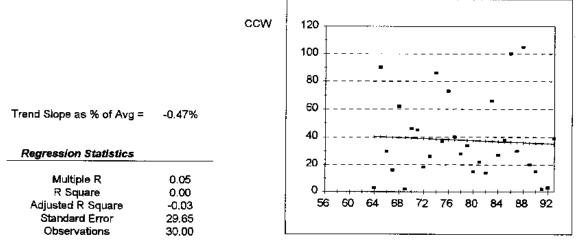
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end olope as % of Avg -	+0.00%					
			Ο <sub>40</sub>			
Regression Statistics				-	•.	- []
Negression Statistics		.	20			
Multiple R	0.07			•		
R Square	0.01	1	c L			
Adjusted R Square	-0.03		56 60 64	68 72	76 80 84	88 92
Standard Error	29.99	[		Y	ear	i i
Observations	27.00					
Observations	27.00					
Analysis of Variance						
	df	Sum of Square		<u> </u>	Significance F	-
Regression	1.00	119.24	119.24	0.13	0.72	
Residual	25.00	22483.06	899.32			
Total	26,00	22602.30				
	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	66.44	51,99	1.28	0.21	-40.64	173.53
x1	-0.24	0.66	-0.36	0.21	-40.54	1.11
*1	-0.24	0,00	-0.50	0.12	-1.55	1.11
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	44.42	-38.42	-1.28		1.85	é
2	44.66	-38.66	-1.29		5.56	6
3	51.12	-38.12	-1.27		9.26	13
4	49,93	-35,93	-1.20		12.96	14
5	50.40	-33.4D	-1.11		16.67	17
6	45.14	-24.14	-0.80		20.37	21
7	46.81	-18.81	-0.63		24.07	28
			-0,00		24.07	
			-0 60		27 79	20
8	50.64	-20.64	-0.69 -0.45		27.78 31.48	30 32
8 9	50.64 45.62	-20.64 -13.62	-0.45		31.48	32
8 9 10	50.64 45.62 47.05	-20.64 -13.62 -15.05	-0.45 -0.50		31.48 35.19	32 32
8 9 10 11	50.64 45.62 47.05 49.21	-20.64 -13.62 -15.05 -15.21	-0.45 -0.50 -0.51		31.48 35.19 38.89	32 32 34
8 9 10 11 12	50.64 45.62 47.05 49.21 44.18	-20.64 -13.62 -15.05 -15.21 -5.18	-0.45 -0.50 -0.51 -0.17		31.48 35.19 38.89 42.59	32 32 34 39
8 9 10 11 12 13	50.64 45.62 47.05 49.21 44.18 46.10	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10	-0.45 -0.50 -0.51 -0.17 -0.24		31.48 35.19 38.89 42.59 46.30	32 32 34 39 39
8 9 10 11 12 13 14	50.64 45.62 47.05 49.21 44.18 46.10 47.53	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18		31.48 35.19 38.89 42.59 46.30 50.00	32 32 34 39 39 42
8 9 10 11 12 13 14 15	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17		31.48 35.19 38.89 42.59 46.30 50.00 53.70	32 32 34 39 39 42 44
8 9 10 11 12 13 14 15 16	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	32 32 34 39 39 42 44 47
8 9 10 11 12 13 14 15 16 17	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11	32 32 34 39 39 42 44 47 54
8 9 10 11 12 13 14 15 16 17 18	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81	32 32 34 39 39 42 44 47 54 56
8 9 10 11 12 13 14 15 16 17 18 19	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90 48.49	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10 14.51	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37 0.48		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	32 34 39 39 42 44 47 54 56 63
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8 9 10 11 12 13 14 15 16 17 18 19	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90 48.49	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10 14.51	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37 0.48		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	32 34 39 39 42 44 47 54 56 63
8 9 10 11 12 13 14 15 16 17 18 19 20 21	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90 48.49 46.34	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10 14.51 17.66	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37 0.48 0.59		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22	32 34 39 39 42 44 47 54 56 63 64
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8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90 48.49 46.34 48.01 50.17 46.57	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10 14.51 17.66 15.99 15.83 21.43	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37 0.48 0.59 0.53 0.53 0.53 0.71		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33	32 34 39 39 42 44 47 54 56 63 64 64 66 68
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8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	50.64 45.62 47.05 49.21 44.18 46.10 47.53 48.97 49.69 47.77 44.90 48.49 46.34 48.01 50.17 46.57	-20.64 -13.62 -15.05 -15.21 -5.18 -7.10 -5.53 -4.97 -2.69 6.23 11.10 14.51 17.66 15.99 15.83 21.43	-0.45 -0.50 -0.51 -0.17 -0.24 -0.18 -0.17 -0.09 0.21 0.37 0.48 0.59 0.53 0.53 0.53 0.71		31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33	32 34 39 39 42 44 47 54 56 63 64 64 66 68

#### Common Snipe



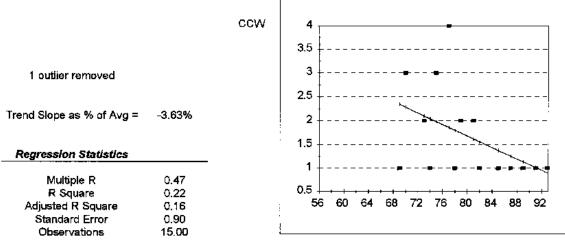
	đť	Sum of Squares	Mean Square	F	Significance F	r
Regression	1.00	162.09	162.09	0.99	0.33	-
Residual	28.00	4580.87	163.60			
Total	29.00	4742.97				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.78	18,05	-0.32	0.75	-42.74	31.19
x1	0.23	0.23	1.00	0.33	-0.25	0.71
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	8.01	-6.01	-0,47		1.67	1
2 3	8.24	-5.24	<b>-0.4</b> 1		5.00	1
3	8.47	-6.47	-0.51		8.33	1
4	8,71	<b>-4</b> .71	-0.37		11.67	1
5	9.18	0.82	0.06		15.00	1
6	9.41	-8.41	-0.66		18.33	2
7	9.88	-8.88	-0.69		21.67	2
8	10.11	-6.11	-0.48		25.00	2
9	10.34	1.66	0.13		28.33	2
10	10.58	-9.58	-0.75		31,67	3
11	11.04	4.96	0.39		35,00	3
12	11.28	6.72	0,53		38.33	4
13	11.51	24.49	1.91		41.67	4
14	11.75	14.25	1.11		45.00	4
15	11.98	26.02	2.03		48,33	7
16	12.21	11.79	0.92		51.67	7
17	12. <b>4</b> 5	13.55	1.06		55.00	8
18	12. <del>6</del> 8	-4.68	-0.37		58.33	10
19	13.15	-3.15	-0.25		61.67	10
20	13.38	0.62	0.05		65.00	12
21	13,61	-11.61	-0.91		68,33	14
22	13.85	23.15	1.81		71.67	16
23	14.08	-13.08	-1.02		75.00	18
24	14.32	-7.32	-0.57		78,33	24
25	14.55	-12.55	-0.98		81.67	26
26	14.78	-7.78	-0.61		85,00	26
27	15.02	-14.02	-1.10		88.33	36
28	15.25	25,75	2.01		91.67	37
29	15.48	-11.48	-0.90		95.00	38
30	15.72	-12.72	-0.99		98.33	41

# Common Snipe



Analysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	70.13	70.13	0.08	0.78	-
Residual	28.00	24621.74	879.35	0.00	0.70	
Total	29.00	24691.87	0/0.00			
	20,00	24001.07				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	51.60	49.40	1.04	0.30	-49.59	152,79
x1	-0.18	0.63	-0.28	0.78	-1.46	1,10
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	35.53	-33.53	- <u>1.13</u>		1.67	2
2	39.41	-37.41	-1.26		5.00	2
3	40.29	-37,29	-1.26		B.33	2 3
4	35.35	-32.35	-1.09		11.67	3
5	37.12	-23.12	-0.78		15.00	14
6	37.47	-22.47	-0.76		18.33	15
7	35.70	-20.70	-0.70		21.67	15
8	39.76	-23.76	-0.80		25.00	16
9	38.88	-20.88	-0.70		28,33	18
10	35.88	-15.88	-0,54		31.67	20
11	37.29	-15,29	-0.52		35.00	22
12	38.70	-12.70	-0.43		38.33	26
13	36.76	-9.76	-0.33		41.67	27
14	37.82	-9.82	-0.33		45.00	28
15	36,23	-6.23	-0.21		48.33	30
16	39,94	-9.94	-0.34		51.67	30
17	37.65	-3.65	-0.12		55.00	34
18	38.35	-1.35	-0.05		58.33	37
19	36.59	1.41	0.05		61.67	38
20	35.17	3.83	0.13		65.00	39
21	38.00	2.00	0.07		68.33	40
22	39.06	5.94	0.20		71.67	45
23	39.23	6.77	0.23		75.00	46
24	39,59	<b>22.41</b>	0.76		78.33	62
25	36.94	29.06	0.98		81.67	66
26	38.17	34.83	1.17		85.00	73
27	38.53	47.47	1.60		88.33	86
28	40.12	49.88	1.68		91.67	90
29	36.41	63.5 <del>9</del>	2.14		95,00	100
30	36.06	68.94	2.32		98.33	105

## Am. Woodcock

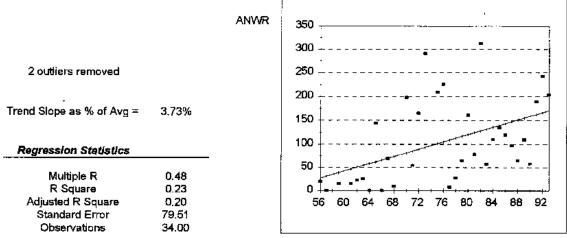


wind also of addition						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	2.90	2.90	3.61	0,08	-
Residual	13.00	10.43	0.80			
Total	14.00	13.33				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	6.51	2.56	2.54	0.02	0.98	12.04
x1	-0.06	0.03	-1.90	0.08	-0.13	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.34	-1.34	-1.50	3.33	1
2	1.80	-0.80	-0,89	10.00	1
3	1.56	-0.56	-0.62	16.67	1
4	2.04	-1.04	-1.16	23.33	1
5	0.89	0.11	0.12	30,00	1
6	1.01	-0.01	-0.02	36.67	1
7	1.26	-0.26	-0.29	43.33	1
8	1.38	-0.38	-0.42	50.00	1
9	1.13	-0.13	-0.15	56.67	1
10	1.62	0.38	0.43	63.33	2
11	2.10	-0.10	-0.11	70.00	2
12	1.74	0.26	0.29	76.67	2
13	1.98	1.02	1.14	83.33	3
14	2.28	0.72	0.80	90.00	3
15	1.86	2.14	2.39	96.67	4

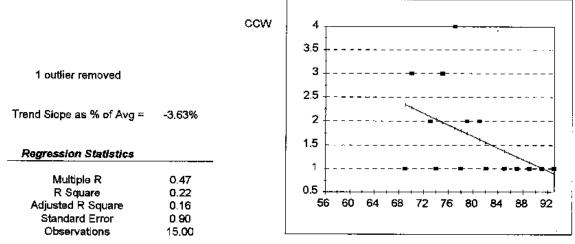
ANWR+CCW Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03 Residuals 254.46 -153.87 508.12 -536.19	es Mean Squar 113636450.4 9743297.91 r t Statistic -2.84 3.42 Stdzd Residu 0.08 -0.05 0.16	re <i>F</i> 11 11.66 <i>P-value</i> 0.01 0.00	76 80 84 ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00 8.33	**
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	12 12 12 12 12 12 12 12 10 10 10 10 10 10 10 10 10 10	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	Image: Second	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	Image: Second	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	4 2 -2 -56 60 -2 -56 60 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	4 2 -2 -56 60 -2 -56 60 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	4 2 -2 -56 60 -2 -56 60 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	4 2 -2 -56 60 -2 -56 60 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
Sum of Square 113636450.41 272812341.46 386448791.87 Standard Erro 5005.38 64.03	4 2 -2 -56 60 -2 -56 60 -2 -2 -2 -2 -2 -2 -2 -2 -2 -2	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	es <u>Mean Squar</u> 113636450.4 9743297.91 <b>v t Statistic</b> -2.84 3.42 <u>Stdzd Residu</u> 0.08 -0.05 0.16	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	es <u>Mean Squar</u> 113636450.4 9743297.91 <b>v t Statistic</b> -2.84 3.42 <u>Stdzd Residu</u> 0.08 -0.05 0.16	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	56 60 <b>as Mean Squar</b> 113636450.4 9743297.91 <b>a t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0.05 0.16	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	es Mean Squar 113636450.4 9743297.91 r t Statistic -2.84 3.42 Stdzd Residu 0.08 -0.05 0.16	re <i>F</i> 11 11.56 <i>P-value</i> 0.01 0.00	ear Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	<u>Upper 95.00</u> -3982.82 349.82 <u>y</u> 13
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	113636450.4 9743297.91 <b>r t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0,05 0.16	re <i>F</i> 11 11.66 <i>P-value</i> 0.01 0.00	Significance F 0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	113636450.4 9743297.91 <b>r t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0,05 0.16	11 11.66 <b>P-value</b> 0.01 0.00	0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	113636450.4 9743297.91 <b>r t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0,05 0.16	11 11.66 <b>P-value</b> 0.01 0.00	0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	113636450.4 9743297.91 <b>r t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0,05 0.16	11 11.66 <b>P-value</b> 0.01 0.00	0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	
113636450.41 272812341.46 386448791.87 <b>Standard Erro</b> 5005.38 64.03 7 <b>Residuals</b> 254.46 -153.87 508.12	113636450.4 9743297.91 <b>r t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0,05 0.16	11 11.66 <b>P-value</b> 0.01 0.00	0.00 Lower 95.00% -24488.92 87.51 Percentile 1.67 5.00	
386448791.87 Standard Erro 5005.38 64.03	9743297.91 <b>t Statistic</b> -2.84 3.42 <b>Stdzd Residu</b> 0.08 -0.05 0.16	<i>P-value</i> 0.01 0.00	-24488.92 87.51 <b>Percentile</b> 1.67 5.00	-3982.82 349.82 <b>y</b> 13
Standard Erro 5005.38 64.03	v <u>t Statistic</u> -2.84 3.42 <u>Stdzd Residu</u> 0.08 -0,05 0.16	0.01 0.00	-24488.92 87.51 <b>Percentile</b> 1.67 5.00	-3982.82 349.82 <u>y</u> 13
5005.38 54.03 7 <b>Residuals</b> 254.46 -153.87 508.12	-2.84 3.42 <i>Stdzd Residu</i> 0.08 -0,05 0.16	0.01 0.00	-24488.92 87.51 <b>Percentile</b> 1.67 5.00	-3982.82 349.82 <u>y</u> 13
64.03 <b>Residuals</b> 254.46 -153.87 508.12	3.42 Stdzd Residu 0.08 -0,05 0,16	0.00	-24488.92 87.51 <b>Percentile</b> 1.67 5.00	-3982.82 349.82 <u>y</u> 13
64.03 <b>Residuals</b> 254.46 -153.87 508.12	3.42 Stdzd Residu 0.08 -0,05 0,16	0.00	87.51 <b>Percentile</b> 1.67 5.00	349.82 <u>y</u> 13
<b>Residuals</b> 254.46 -153.87 508.12	Stdzd Residu 0.08 -0,05 0,16		Percentile 1.67 5.00	<b>y</b> 13
254.46 -153.87 508.12	0.08 -0,05 0,16	als	1.67 5.00	13
254.46 -153.87 508.12	0.08 -0,05 0,16		1.67 5.00	13
508.12	0.16			42
			8 33	- 16
-536.19	o 47		0.00	48
	-0.17		11.67	97
-286.53	-0.09		15.00	128
182.79	0.06		18.33	160
-751.52 -2605.48	-0.24 -0.83		21.67 25,00	319 433
-2364.82	-0.25		28.33	455
-1774,50	-0.57		31.67	608
-1396.83	-0.45		35.00	767
5.14	0.00		38.33	857
-2338.15	-0.75		41.67	919
-336.18	-0.11		45.00	953
-967.17	-0.31		48.33	978
-4860.76	-1.56		51.67	1239
				1449
				1482 2448
				2657
				2864
				3006
-2063.11	-0.66			3162
-1766.44	-0.57		78.33	3896
464.54	0.15		81.67	4815
3993.16				5501
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.5255.25	0.00			
	-1766.44 464,54	-244.51       -0.08         -2995.77       -0.96         -1256.13       -0.40         262.84       0.08         -469.81       -0.15         -2063.11       -0.66         -1766.44       -0.57         464.54       0.15         3993.16       1.28         1002.90       0.32         6114.21       1.96         6336.88       2.03	-244.51       -0.08         -2995.77       -0.96         -1256.13       -0.40         262.84       0.08         -469.81       -0.15         -2063.11       -0.66         -1766.44       -0.57         464.54       0.15         3993.16       1.28         1002.90       0.32         6114.21       1.96         6336.88       2.03	-244.51-0.0858.33-2995.77-0.9661.67-1256.13-0.4065.00262.840.0868.33-469.81-0.1571.67-2063.11-0.6675.00-1766.44-0.5778.33464.540.1581.673993.161.2885.001002.900.3288.336114.211.9691.676336.882.0395.00

# Laughing Gull



Analysis of Variance						
	df	Sum of Squares		F	Significance F	_
Regression	1.00	59636.86	59636.86	9.43	0.00	
Residual	32.00	202275.25	6321.10			
Total	33.00	261912.12				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-188.04	95.80	-1.96	0.06	-383.19	7.11
x1 ′	3.85	1.25	3.07	0.00	1.30	6.41
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	y
1	27.75	-7.75	-0.10		1.47	1
2	31.61	-30.61	-0.38		4.41	1
3	39.31	-24.31	-0.31		7.35	2
4	47.02	-32.02	-0.40		10.29	8
5	50.87	-27.87	-0.35		13.24	10
6	54.73	-28.73	-0.36		16.18	15
7	58.58	-57.58	-0.72		19.12	15
8	62.43	81.57	1.03		22.06	20
9	66.29	-64.29	-0.81		25.00	23
10	70.14	-0.14	-0.00		27.94	26
11	73.99	-63.99	-0.80		30.88	28
12	81.70	116.30	1.46		33.82	55
13	85,55	-30.55	-0.38		36.76	57
14	89.41	75,59	0.95		39.71	58
15	93.26	197.74	2.49		42.65	65
16	100.97	108.03	1.36		45.59	65
17	104.82	121,18	1.52		48.53	70
18	108.68	-100.68	-1.27		51.47	79
19	112.53	-84.53	-1.06		54.41	97
20	116.38	-51.38	-0.65		57.35	109
21	120.24	40.76	0.51		60.29	110
22	124.09	-45.09	-0.57		63.24	119
23	127.94	184.06	2.32		66.18	135
· 24	131.80	-74.80	-0.94		69.12	144
25	135.65	-25.65	-0.32		72.06	161
26	139.50	-4.50	-0.06		75.00	165
27	143.36	-24.36	-0.31		77.94	189
28	147.21	-50.21	-0.63		80.88	198
29	151.06	-86.06	-1.08		83.82	204
30	154.92	-45.92	-0.58		86.76	209
31	158.77	-100.77	-1,27		89.71	226
32	162.62	26.38	0.33		92.65	243
33	166.48	76.52	0.96		95.59	291
34	170.33	33,67	0.42		98.53	312
35	168.97	74.03	0.95		95.83	291
36	173.09	30.91	0.40		98.61	312

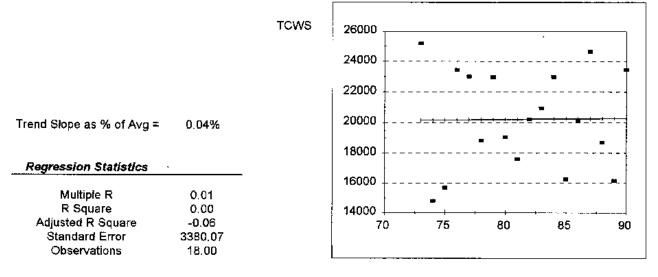
## Laughing Gull



	df	Sum of Squares	Mean Square	F	Significance F	r
 Regression	1.00	2.90	2,90	3.61	0.08	-
Residual	13.00	10.43	0,80			
Total	14.00	13.33				
 	Coefficient	Standard Error	t Statistic	P-valu€	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient 6.51	Standard Error 2.56	t Statistic 2.54	<i>P-value</i> 0.02	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.34	-1.34	-1.50	3.33	1
2	1.80	-0.80	-0.89	10.00	1
3	1.56	-0.56	-0.62	16.67	1
4	2.04	-1.04	-1.16	23.33	1
5	0.89	0.11	0.12	30.00	1
6	1.01	-0.01	-0.02	36.67	1
7	1.26	-0.26	-0.29	43.33	1
8	1.38	-0.38	-0.42	50.00	1
9	1.13	-0.13	-0.15	56,67	1
10	1.62	D.38	0.43	63.33	2
11	2.10	-0.10	-0.11	70.00	2
12	1.74	0.26	0.29	76.67	2
13	1.98	1.02	1.14	83.33	3
14	2.28	0.72	0.80	90,00	3
15	1.86	2.14	2.39	96.67	4

# Laughing Gull

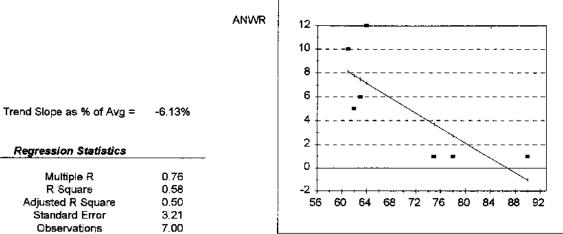


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	27234.38	27234.38	0.00	0.96	-
Residual	16,00	182798074.12	11424879.63			
Total	17.00	182825308.50				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficients 19604.79	Standard Error 12540.50	t Statistic 1.56	<i>P-value</i> 0.14	Lower 95.00%	<i>Upper 95.00%</i> 46189.46

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	20159.60	-5355.60	-1.58	2.78	14804
2	20167.10	-4485.10	-1.33	8.33	15682
3	20272.06	-4115.06	-1.22	13.89	16157
4	20242.07	-3984.07	-1.18	19.44	16258
5	20212.08	-2615.08	-0.77	25.00	17597
6	20264.57	-1574.57	-0.47	30.56	18690
7	20189.59	-1392.59	-0.41	36.11	18797
8	20204,59	-1170.59	-0.35	41.67	19034
9	20249.57	-124.57	-0.04	47.22	20125
10	20219,58	-15,58	-0.00	52.78	20204
11	20227.08	707.92	0.21	58.33	20935
12	20197.09	2760.91	0.82	63.89	22958
13	20234.58	2725.42	0.81	69.44	22960
14	20182.09	2810.91	0,83	75.00	22993
15	20279,56	3148,44	0,93	80,56	23428
16	20174.60	3268,40	0.97	86.11	23443
17	20257.07	4373.93	1.29	91.67	24631
18	20152.11	5036.89	1.49	97.22	25189

Franklin's Gull		 [				·····
		ANWR+CCW	30		· -• .	—
outliers removed			25			·
rend Slope as % of Avg =	-0.45%					•
Regression Statistics			5 <del>•</del>	<del></del>	<u>╴└┚╶╍╌╘┽═╵┲╺╴┾╍┥╺</u>	
Multiple R R Square Adjusted R Square Standard Error Observations	0.03 0.00 -0.08 8.59 15.00		0 56 60 64	58 72 Y	76 80 84 s 9ar	, <b>, , , ,</b> 88 92
Analysis of Variance						
-	df	Sum of Squares	Mean Square	<b>F</b>	Significance F	-
Regression Residual	1.00 13.00	0.85 958.48	0.85 73.73	0.01	0.92	
Total	14.00	959.33				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	7.18	17.34	0.41	0.69	-30.29	44.65
x1	-0.02	0.22	-0,11	0.92	-0.50	0.46
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	y
1	5.54	-4.54	-0.53		3.33	1
2	5.39	-4.39	-0.51		10.00	1
3	5.32 5.49	-4.32 -4.49	-0.50 -0.52		16.67 23.33	1
4 5	5.49 4.99	-3.99	-0.52		30.00	1
6	4.97	-3.97	-0.46		36.67	1
7	5.47	-4.47	-0.52		43.33	1
8	5.04	-4.04	-0.47		50.00	1
9	5.44	-3.44	-0.40		56,67	2
10	5.58	-3.58	-0.42		63.33 70.00	2
11	5.13	-2.13	-0.25		70.00 76.67	3 6
12 13	5.68 5.06	0.32 7.94	0.04 0.92		83.33	13
13	5.66	10.34	1.20		90.00	16
15	5.25	24.75	2.88		96.67	30

# Franklin's Gull



#### Analysis of Variance

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7

2.75

-1.03

-	df	Sum of Squares	Mean Square	F	Significance F	:
Regression	1.00	71.43	71.43	6,95	0.05	-
Residual	5.00	51.42	10.28			
Total	6.00	122.86				
- nk -	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	27.36	8.52	3.21	0.02	5.47	49.26
x1	-0.32	0.12	-2.64	0.04	-0.62	<b>-0</b> .01
Observations	Predicted Y	Residuals	Stdzd Residuais		Percentile	y
1	8.12	1.88	0.59		7.14	1
2	7.80	-2.80	-0.87		21.43	1
3	7.49	-1.49	-0.46		35.71	1
4	7.17	4.83	1.51		50.00	5
5	3.70	-2.70	-0.84		64.29	6

-1.75

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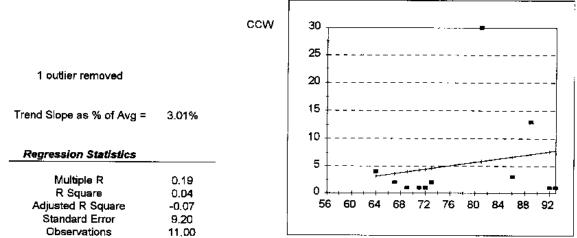
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#### Franklin's Gull



#### Analysis of Variance

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	đf	Sum of Squares	Mean Square	F	Significance F	7
Regression	1.00	29.29	29.29	0.35	0.57	-
Residual	9.00	761.25	84.58			
Total	10.00	790.55				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7,22	21.56	-0.33	0.74	-56.00	41.56
x1	0.16	0.27	0.59	0.57	-0.46	0.78
Observations	Predicted Y	' Residuals	Stdzd Residuals		Percentile	v
1	4.25	-3.25	-0.35		4.55	1
2	3.92	-2.92	-0.32		13.64	1
3	4.41	-3.41	-0.37		22.73	1
4	7.64	-6.64	-0.72		31.82	1
5	7.80	-6.80	-0.74		40.91	1
6	3.60	-1.60	-0.17		50.00	2
7	4.57	-2.57	-0.28		59.09	2
8	6,67	-3.67	-0,40		68,18	3
-	A 4 A					-

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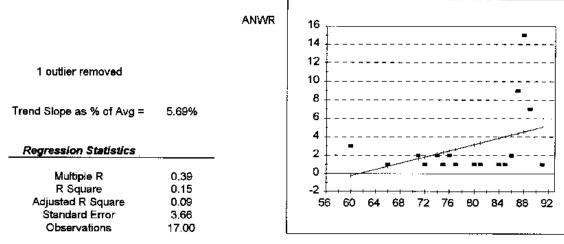
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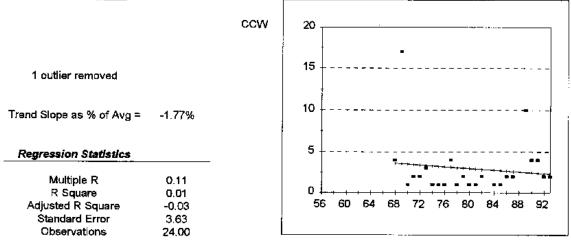
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		ANWR+CCW	25			- <b>-</b>
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outliers removed			<b>_</b>	-		-
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	3.71%		H   H			
rend Slope as % of Avg =	3.7170		15			<b>-</b> ]
Regression Statistics			5	 امیں ہے۔ ا		
Multiple R	0.25		-			- 4 1
R Square	0.06	1	0 + + + + + + + + + + + + + + + + + + +			+
Adjusted R Square	0.02		56 60 64	68 72 V	76 80 84 ∦ ≘ar	58 92
Standard Error	5,96					
Observations	25.00	<u>i</u>				
Analysis of Variance Regression	<i>df</i> 1.00	Sum of Squares 54.49	Mean Square 54.49	F 1.53	Significance F 0.23	
Residual	23.00	817.51	35.54			
Total	24.00	872.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
			-0.81	0.42	-34,49	45.04
		11.96	-0.81	1142	- 44 AV	15.01
Intercept	-9,74					
Intercept x1	0.19	0,15	1.24	0.23	-0.12	0.50
x1	0.19	0,15	1.24		-0.12	
•		0,15				
x1 Observations	0.19 Predicted Y 2.49 3.24	0,15 <b>Residuals</b> -1.49 -2.24	1.24 <u>Stdzd Residuals</u> -0.25 -0.37		-0.12 Percentile 2.00 6.00	0.50 y 1 1
x1 Observations 1	0.19 Predicted Y 2.49 3.24 4.72	0,15 <b>Residuals</b> -1.49 -2.24 -3.72	1.24 Stdzd Residuals -0.25		-0.12 Percentile 2.00 6.00 10.00	0.50 <u>y</u> 1 1 1
x1 Observations 1 2 3 4	0.19 Predicted Y 2.49 3.24 4.72 7.50	0,15 <b>Residuals</b> -1.49 -2.24	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92		-0.12 Percentile 2.00 6.00 10.00 14.00	0.50 <u>y</u> 1 1 1 2
x1 Observations 1 2 3	0.19 Predicted Y 2.49 3.24 4.72 7.50 7.31	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00	0.50 1 1 1 2 2
x1 Observations 1 2 3 4	0.19 Predicted Y 2.49 3.24 4.72 7.50 7.31 4.16	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00	0.50 1 1 1 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7	0.19 Predicted Y 2.49 3.24 4.72 7.50 7.31	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00	0.50 1 1 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00	0.50 1 1 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7	0.19 Predicted Y 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00	0.50 1 1 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10	0.19 <i>Predicted Y</i> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11	0.19 <i>Predicted Y</i> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.67 -0.52		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.62 -0.62 -0.62 -0.23		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.19 Predicted Y 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 3 3 3
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79	1.24 <u>Stdzd Residuals</u> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.62 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.23 -0.10 -0.13 -0.16		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00	0.50 1 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 34.00 34.00 34.00 46.00 50.00 54.00 58.00 62.00 66.00	0.50 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19 -0.37		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19 -0.37		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00	0.50 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20 3.42	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20 0,58	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.23 -0.10 -0.13 -0.16 0.19 -0.37 0.10		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00 82.00	0.50 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20 3.42 4.53	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20 0.58 0.47	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19 -0.37 0.10 0.08		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00	0.50 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20 3.42 4.53 7.13	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20 0.58 0.47 -2.13	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19 -0.37 0.10 0.08 -0.36		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00 82.00 86.00 90.00	0.50 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	0.19 <b>Predicted Y</b> 2.49 3.24 4.72 7.50 7.31 4.16 5.83 5.46 5.27 4.90 6.02 5.09 4.35 3.61 3.79 3.98 2.86 6.20 3.42 4.53 7.13 6.39	0,15 <b>Residuals</b> -1.49 -2.24 -3.72 -5.50 -5.31 -2.16 -3.83 -3.46 -3.27 -2.90 -4.02 -3.09 -1.35 -0.61 -0.79 -0.98 1.14 -2.20 0.58 0.47 -2.13 4.61	1.24 <b>Stdzd Residuals</b> -0.25 -0.37 -0.62 -0.92 -0.89 -0.36 -0.64 -0.58 -0.55 -0.49 -0.67 -0.52 -0.23 -0.10 -0.13 -0.16 0.19 -0.37 0.10 0.08 -0.36 0.77		-0.12 Percentile 2.00 6.00 10.00 14.00 18.00 22.00 26.00 30.00 34.00 38.00 42.00 46.00 50.00 54.00 58.00 62.00 66.00 70.00 74.00 78.00 82.00 86.00	0.50 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

# **Bonaparte's Gull**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	34.99	34.99	2.61	0.13	-
Residual	15.00	201.01	13.40			
Total	16.00	236.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-10.48	8.39	-1.25	0.23	-28.35	7.40
<b>x</b> 1	0.17	0.11	1.62	0.13	-0.05	0.40
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	-0.23	3.23	0.88		2.94	<u> </u>
2	0.79	0.21	0.06		8.82	1
3	1.64	0,36	0.10		14.71	1
4	1.82	-0.82	-0.22		20.59	1
5	2.16	-0.16	-0.04		26.47	1
6	2.33	-1.33	-0.36		32.35	1
7	2.50	-0,50	-0.14		38.24	1
8	2.67	-1.67	-0.46		44.12	1
9	3.18	-2.18	-0.60		50.00	1
10	3.35	-2.35	-0.64		55.88	2
11	3,86	-2.86	-0.78		61.76	2 2 2 2 2
12	4.03	-3.03	-0.83		67.65	2
13	4.20	-2.20	-0.60		73.53	2
14	4.38	4.62	1.26		79.41	3
15	4.55	10.45	2.86		85.29	7
16	4.72	2.28	0.62		91, <b>1</b> 8	9
17	5.06	-4.06	-1.11		97.06	15
17	5.06	-4.06	-1.11		97.06	15

# **Bonaparte's Guli**

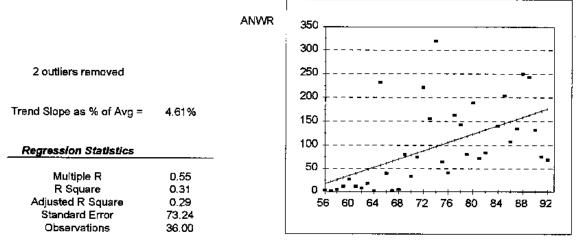


		df	Sum of Squares	Mean Square	F	Significance F	
	Regression	1.00	3.81	3.81	0.29	0.60	-
	Residual	22.00	289.15	13.14			
	Total	23.00	292.96				
<b></b>		Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	Intercept x1	<u>Coefficient</u> 7.14 -0.05	<i>Standard Error</i> 7.81 0.10	<i>t Statistic</i> 0.91 -0.54	<b>P-value</b> 0.37	Lower 95.00%	Upper 95.00% 23.33

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	¥
-1	3.22	-2.22	-0.61	2.08	1
2	2.91	-1.91	-0.53	6,25	1
3	3.28	-2.28	-0.63	10.42	1
4	3.49	-2.49	-0.69	14.58	1
5	3.17	-2.17	-0.60	18.75	1
6	2.96	-1,96	-0.54	22.92	1
7	3.07	-2.07	-0.57	27.08	1
8	2.75	-1.75	-0.48	31.25	1
9	2.70	-1,70	-0.47	35.42	1
10	3.01	-1.01	-0.28	39.58	2
11	3.38	-1.38	-0.38	43.75	2
12	3.43	-1.43	-0.40	47.92	2
13	2.86	-0.86	-0.24	52.08	2
14	2.65	-0.65	-0.18	56,25	2
15	2.28	-0.28	-0.08	60.42	2
16	2.60	-0.60	-0.16	64.58	2
17	2.34	-0.34	-0.09	68.75	2
18	3,33	-0.33	-0.09	72.92	3
19	3.12	0.88	0.24	77.08	4
20	3.59	0.41	0.11	81.25	4
21	2.39	1.61	0.44	85.42	4
22	2.44	1.56	0.43	89.58	4
23	2,49	7.51	2.07	93.75	10
24	3.54	13.46	3,71	97.92	17

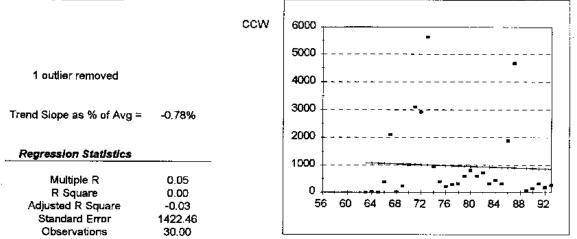
0.08% 0.01 0.00 -0.04 1425.55 30.00	ANWR+CCW	Count Total (Thousands)		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
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		50	00 04	۵۵ (۲ ۲	Year	04	00 32
df	Sum of Square	s Mes	n Square	F	Signific	ance F	
1.00	1783.79	1	783.79	0.00	0.9		-
28.00 29.00	56901638.21 56903422.00	200	32201.36				
oefficient	Standard Erro	r ti	Statistic	P-value	Lower	95.00%	Upper 95.0
1051.71 0.87	2285.95 29.24		0.46	0.65	-3630		5734.28
0.87	29.24		0.03	0.98	-59.	,03	60.76
redicted Y	Residuals	Stdzo	Residuals	:	Perce	ntile	v
1110.63	-1087.63		-0.76	-	1.6		<u> </u>
1107.16 1106.29	-1079.16 -1077.29		-0.76 -0.76		5.0 8.3		28 29
1108.03	-866.03		-0.61		11.0		242
1131.42	-881,42		-0.62		15.0		250
1117.56 1129.68	-857.56		-0.60 -0.59		18.: 21.0		260
1129.00	-840.68 -805.49		-0.59 -0.57		21.0		289 306
1128.82	-808.82		-0.57		28.		320
1130.55	-728.55						402
							420
							446 458
1119,29	-657,29						462
1125.35	-606.35						519
1124.49	-538.49						586
							667
							673 800
							962
	-134.02						987
1112.36	-80,36		-0.06				1032
1132.28	1.72						1134
							1261
							1987 2107
1114.09	2019.91						3134
1113.22	2067.78		1.45		91. <del>(</del>	67	318 <b>1</b>
1127.09	3682.91						4810
1114.96	4680.04		3,28		98.3	33	5795
	1108.89 1118.42 1116.69 1119.29 1125.35 1124.49 1120.16 1121.89 1122.75 1123.62 1123.62 1123.62 1123.62 1123.62 1123.62 1124.02 1112.36 1132.28 1115.82 1126.22 1109.76 1114.09 1113.22 1127.09	1108.89       -688.89         1118.42       -672.42         1116.69       -658.69         1119.29       -657.29         1125.35       -606.35         1124.49       -538.49         1120.16       -453.16         1121.89       -448.89         1122.75       -322.75         1123.62       -161.62         1121.02       -134.02         1132.28       1.72         115.82       145.18         1126.22       860.78         1109.76       997.24         1113.22       2067.78         1127.09       3682.91	1108.89       -688.89         1118.42       -672.42         1116.69       -658.69         1119.29       -657.29         1125.35       -606.35         1124.49       -538.49         1120.16       -453.16         1121.89       -448.89         1122.75       -322.75         1123.62       -161.62         1121.36       -80.36         1132.28       1.72         115.82       145.18         1126.22       860.78         1109.76       997.24         1113.22       2067.78         1127.09       3682.91	1108.89 $-688.89$ $-0.48$ $1118.42$ $-672.42$ $-0.47$ $1116.69$ $-658.69$ $-0.46$ $1119.29$ $-657.29$ $-0.46$ $1125.35$ $-606.35$ $-0.43$ $1124.49$ $-538.49$ $-0.38$ $1120.16$ $-453.16$ $-0.32$ $1121.89$ $-448.89$ $-0.31$ $1122.75$ $-322.75$ $-0.23$ $1123.62$ $-161.62$ $-0.11$ $112.36$ $-80.36$ $-0.06$ $1132.28$ $1.72$ $0.00$ $1115.82$ $145.18$ $0.10$ $1126.22$ $860.78$ $0.60$ $1109.76$ $997.24$ $0.70$ $1114.09$ $2019.91$ $1.42$ $1113.22$ $2067.78$ $1.45$ $1127.09$ $3682.91$ $2.58$	1108.89 $-688.89$ $-0.48$ $1118.42$ $-672.42$ $-0.47$ $1116.69$ $-658.69$ $-0.46$ $1119.29$ $-657.29$ $-0.46$ $1125.35$ $-606.35$ $-0.43$ $1124.49$ $-538.49$ $-0.38$ $1120.16$ $-453.16$ $-0.32$ $1121.89$ $-448.89$ $-0.31$ $1122.75$ $-322.75$ $-0.23$ $1123.62$ $-161.62$ $-0.11$ $112.36$ $-80.36$ $-0.06$ $1132.28$ $1.72$ $0.00$ $115.82$ $145.18$ $0.10$ $1126.22$ $860.78$ $0.60$ $1109.76$ $997.24$ $0.70$ $1114.09$ $2019.91$ $1.42$ $1113.22$ $2067.78$ $1.45$ $1127.09$ $3682.91$ $2.58$	1108.89 $-688.89$ $-0.48$ $35.6$ $1118.42$ $-672.42$ $-0.47$ $38.3$ $1116.69$ $-658.69$ $-0.46$ $41.6$ $1119.29$ $-657.29$ $-0.46$ $45.6$ $1125.35$ $-606.35$ $-0.43$ $48.3$ $1124.49$ $-538.49$ $-0.38$ $51.6$ $1120.16$ $-453.16$ $-0.32$ $55.6$ $1121.89$ $-448.89$ $-0.31$ $58.3$ $1122.75$ $-322.75$ $-0.23$ $61.6$ $1123.62$ $-161.62$ $-0.11$ $65.6$ $112.36$ $-80.36$ $-0.06$ $71.6$ $1132.28$ $1.72$ $0.00$ $75.6$ $1126.22$ $860.78$ $0.60$ $81.6$ $1109.76$ $997.24$ $0.70$ $85.6$ $1114.09$ $2019.91$ $1.42$ $88.3$ $1113.22$ $2067.78$ $1.45$ $91.6$ $1127.09$ $3682.91$ $2.58$ $95.6$	1108.89 $-688.89$ $-0.48$ 35.001118.42 $-672.42$ $-0.47$ 38.331116.69 $-658.69$ $-0.46$ 41.67119.29 $-657.29$ $-0.46$ 45.001125.35 $-606.35$ $-0.43$ 48.331124.49 $-538.49$ $-0.38$ 51.671120.16 $-453.16$ $-0.32$ 55.001121.89 $-448.89$ $-0.31$ 58.331122.75 $-322.75$ $-0.23$ 61.671123.62 $-161.62$ $-0.11$ 65.001121.02 $-134.02$ $-0.09$ 68.331112.36 $-80.36$ $-0.06$ 71.671132.28 $1.72$ $0.00$ 75.001115.82145.18 $0.10$ 78.331126.22860.78 $0.60$ 81.671109.76997.24 $0.70$ 85.001114.092019.91 $1.42$ 88.331113.222067.78 $1.45$ 91.671127.09 $3682.91$ $2.58$ 95.00

## **Ring-billed Gull**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1,00	80669.04	80669.04	15.04	0.00	•
Residual	34.00	<b>182375</b> .71	5363.99			
Tota!	35.00	263044.75				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-229.84	84.88	-2.71	0.01	-402.34	-57.34
x1	4.42	1.14	3.88	0.00	2.10	6.73
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	<u>y</u>
1	17.51	-13.51	-0.18		1.39	2
2	21.93	-19.93	-0.27		4.17	2
3	26.35	-21.35	-0.29		6.94	2 3
4	30.77	-18.77	-0.26		9.72	4
5	35.18	-8,18	-0.11		12.50	5
6	39.60	-27.60	-0.38		15.28	5
7	44.02	-36.02	-0.49		18.06	8
8	48.43	-30.43	-0.42		20.83	12
9	52.85	-50.85	-0.69		23.61	12
10	57.27	174.73	2.39		26.39	18
11	61.68	-21,68	-0.30		29.17	27
12	66.10	-63.10	-0.86		31.94	33
13	70.52	-65,52	-0.89		34.72	40
14	74.94	5.06	0.07		37.50	41
15	79.35	-46.35	-0.63		40.28	65
16	B3,77	-8.77	-0.12		43,06	69
17	88.19	133.81	1.83		45.83	72
18	92.60	63.40	0.87		48.61	75
19	97.02	221.98	3.03		51.39	76
20	101.44	-36.44	-0.50		54.17	80
21	105.85	-64.85	-0,69		56.94	81
22	110.27	53.73	0.73		59.72	85
23	114.69	28.31	0.39		62.50	108
24	119.11	-38.11	-0.52		65.28	132
25	123.52	65.48	0.89		68.06	135
26	127.94	-55.94	-0.76		70.83	141
27	132.36	-47.36	-0.65		73.61	143
28	141.19	-0.19	-0.00		76.39	156
2 <del>9</del>	145.61	58,39	0.80		79.17	164
30	150.03	-42.03	-0.57		81.94	189
31	154.44	-19.44	-0.27		84.72	204
32	158.86	91.14	1.24		87.50	222
33	163.28	79.72	1.09		90.28	232
34	167.69	-35.69	-0.49		93.06	243
35	172.11	-96.11	-1.31		95.83	250
36	176.53	-107.53	-1.47		98.61	319

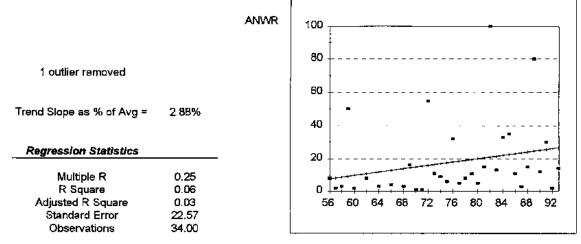
## **Ring-billed Gull**



Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	135559.00	135559.00	0.07	0.80	-
Residual	28.00	56655166.36	2023398.80			
Total	29.00	56790725.37				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1551.13	2281.00	0.68	0.50	-3121.28	6223.54
x1	-7.55	29.18	-0.26	0.80	-67.32	52.22
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	у
1	1060,23	-1050.23	-0.74		1.67	10
2	1075.33	-1064.33	-0.75		5.00	11
3	1037.57	-1019.57	-0.72		8,33	18
4	1067.78	-1041.78	-0.73		11.67	26
5	878.97	-801.97	-0.56		15.00	77
6	871.42	-714.42	-0.50		18,33	157
7	856.32	-675.32	-0.47		21.67	181
8	977.15	-758.15	-0.53		25,00	219
9	1030.02	-804.02	-0.57		28.33	226
10	848.76	-574.76	-0.40		31.67	274
11	969.60	-687.60	-0.48		35.00	282
12	909.18	-594.18	-0.42		38,33	315
13	962.05	-643.05	-0.45		41.67	319
14	924.29	-602.29	-0.42		45.00	322
15	863.87	-537.87	-0.38		48.33	326
16	1052.68	-672.68	-0.47		51.67	380
17	984.71	-591.71	-0.42		55.00	<b>39</b> 3
18	916.74	-471.74	-0.33		58,33	<b>44</b> 5
19	954.50	-368.50	-0.26		61.67	586
20	939.39	-338.39	-0.24		65.00	601
21	931.84	-216.84	-0.15		68.33	715
22	946.94	-148,94	-0.10		71.67	798
23	992.26	-50.26	-0.04		75.00	942
24	1022.47	-23.47	-0.02		78.33	999
25	901.63	977.37	0.69		81.67	1879
26	1045.12	1058.88	0,74		85.00	2104
27	1007.36	1904.64	1.34		88.33	2912
28	1014.92	2091.08	1.47		91.67	3106
29	894.08	3780.92	2.66		95.00	4675

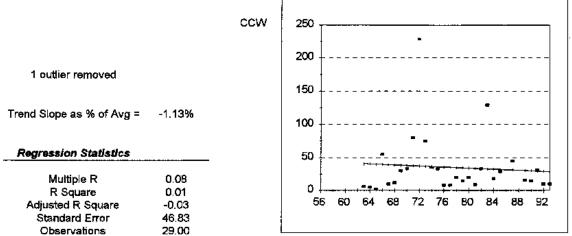
Herring Gull			,			
		ANWR+CCW	300		<u>.</u>	
			250	-		 
			250 +			
2 outliers removed			<u></u> 200			·
				<b></b> ,		. <b>.</b>
Trend Slope as % of Avg =	0.23%				•*	
			0 100		<b></b> -	
Regression Statistics		.	50	- 		
Multiple R	0.02		ł			
R Square	0.00		0 <del>                                    </del>	<del></del>	76 80 84	-++
Adjusted R Square Standard Error	-0.04 57.44		•••	Ϋ́Υ	ear	
Observations	29.00					
Analysis of Variance		•		_	Diambie and a	
Regression		Sum of Square 32.76	es Mean Square 32.76	<u> </u>	Significance F 0.92	_
Regression	27.00	3∠.75 89084.21	3299,42	0.01	V.42	
Total	28.00	89116.97				
	Coefficient	Standard Erro	or t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	43.46	96.01	0.45	0.65	-153,54	240.46
x1	0.12	1.22	0.10	0.92	-2.38	2.63
Observations	Predicted Y		Stdzd Residuals		Percentile	<u> </u>
1 2	51.13 51,25	-45.13 -43.25	-0.79 -0.75		1.72 5.17	
3	51.61	-41.61	-0.72		8.62	10
4	53.93	-42.93	-0.75		12.07	11
5	54.66	-42.66	-0.74		15.52	12
6	52.83	-39.83	-0.69		18.97	13 15
7 8	51.74 54.78	-36.74 -30.78	-0.64 -0.54		22.41 25.86	15 24
8 9	53.32	-29.32	-0.51		29.31	24
10	53.20	-28.20	-0.49		32.76	25
11	53.07	-27.07	-0.47		36.21	26
12	54.41	-27.41	-0.48		39.66	27
13	52.95	-24.95	-0.43		43.10 46.55	28 34
14 15	51. <del>98</del> 52.59	-17.98 -13.59	-0.31 -0.24		50.00	39
16	52.53	-12.71	-0.22		53,45	40
17	52.47	-8.47	-0.15		56.90	44
18	51.86	-5,86	-0.10		60.34	46
1 <del>9</del>	54.05	-6.05	-0.11		63.79	48
20	53.68	-2.68	-0.05		67.24	51
21	51.49	7.51	0.13		70.69	59 61
22	54.54 53.81	6.46 10.19	0.11 0.18		74.14 77.59	61 64
23 24	53.81 52.10	28.90	0.18		81.03	81
24 25	52.10	33.66	0.59		84.48	86
26	54.29	41.71	0.73		87.93	96
27	53.44	79.56	1,39		91.38	133
28	53.56	88.44	1.54		94.83	142
29	52.22	230.78	4.02		98.28	283

# Herring Gull



alysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1071.03	1071.03	2.10	0,16	-
Residual	32.00	16293.91	509,18			
Total	33.00	17364.94				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-21,09	27.11	-0,78	0.44	-76.31	34,13
x1	0.51	0.35	1.45	0.16	-0.21	1.24
Observations	Predicted Y	' Residuais	Stdzd Residuals		Percentile	y
1	14.88	-13.88	-0.61		1.47	1
2	15.39	-14,39	-0.64		4,41	1
3	9.74	-7.74	-0.34		7.35	2
4	8.20	-6.20	-0.27		10.29	2
5	26.18	-24.18	-1.07		13.24	2
6	13.85	-10.85	-0.48		16.18	3
7	23,61	-20,61	-0.91		19,12	3
8	8.71	-5.71	-0.25		22.06	3
9	11.79	-8.79	-0.39		25,00	3
10	12.B2	-8.82	-0.39		27.94	4
<u>†1</u>	18.47	-13,47	-0,60		30.88	5
12	20.01	-15.01	-0.67		33.82	5
13	17.45	-11.45	-0.51		<b>36</b> ,76	6
14	18.99	-10.9 <del>9</del>	-0.49		39.71	8
15	10.77	-2.77	-0.12		42.65	в
16	7.68	0.32	0.01		45.59	8
17	16.93	-7.93	-0.35		48.53	9
18	19.50	-8.50	-0.38		51.47	11
19	16.42	-5.42	-0.24		54.41	11
20	23.10	-12.10	-0.54		57.35	11
21	25.15	-13.15	-0.58		60.29	12
22	21.56	-8.56	-0.38		63.24	13
23	26.69	-12.69	-0.56		66.18	14
24	24.13	-9.13	-0.40		69.12	15
25	20.53	-5.53	-0.25		72.06	15
26	14.36	1.64	0.07		75.00	16
27	25.67	4.33	0,19		77.94	30
28	17.96	14.04	0.62		80.88	32
29	22.07	10.93	0.48		83.82	33
30	22,58	12.42	0.55		86.76	35
31	9.22	40.78	1.81		89.71	50
32	15.90	39.10	1.73		92.65	55
33	24.64	55.36	2.45		95.59	80
34	21.04	78.96	3.50		98.53	100

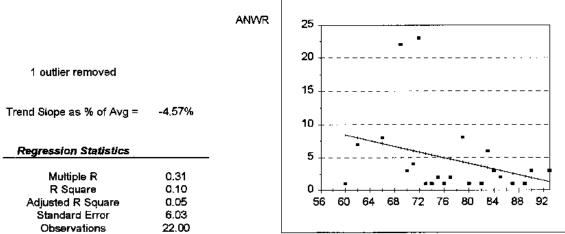
# Herring Gull



	df	Sum of Squares	Mean Square	F	Significance F	·
Regression	1.00	366.35	366.35	0.17	0.69	-
Residual	27.00	59199.79	2192.58			
Total	28.00	59566.14				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	66.02	75.97	0.87	0.39	-89,86	221,90
x1	-0,40	0,98	-0.41	0.69	-2.40	1.60
Observations	Predicted Y		Stdzd Residuals		Percentile	y
1	40.11	-38.11	-0.81		1.72	2
2	40.51	-35.51	-0.76		5.17	5 6
3	40.91	-34.91	-0.75		8.62	6
4	35.32	-27.32	-0.58		12.07	8
5	35.72	-27.72	-0.59		15.52	8
6	33.73	-24.73	-0.53		18.97	9
7	29.34	-19.34	-0.41		22.41	10
8	28.94	-18.94	-0.40		25.86	10
9	39.31	-29.31	-0.63		29.31	10
10	38.91	-26.91	-0.57		32.76	12
11	30.14	-15,14	-0.32		36.21	15
12	34.53	-19.53	-0.42		39,66	15
13	30.54	-14.54	-0.31		43.10	16
14	32.53	-14.53	-0.31		46.55	18
15	34.92	-14.92	-0.32		50.00	20
16	34.13	-14.13	-0.30		53.45	20
17	32.13	-3.13	-0.07		56.90	29
18	38.51	-8.51	-0,18		60.34	30
19	29.74	1.26	0.03		63.79	31
20	33.33	-0.33	-0.01		67.24	33
21	36.12	-3.12	-0.07		70.69	33
22	38.11	-5.11	-0.11		74.14	33
23	36.52	-1.52	-0.03		77.59	35
24	31.34	13.66	0.29		81.03	45
25	39.71	15,29	0.33		84.48	55
26	36.92	38.08	0,81		87.93	75
27	37.72	42.28	0.90		91.38	80
28	32.93	96.07	2.05		94.83	129
29	37.32	190.68	4.07		98.28	228

		ANWR+CCW	t0			]
			*	-		• ]
2 outliers removed			8÷			
			otal		• •	
Trend Slope as % of Avg =	0.40%		Count Total			
			Ö.		-	
Regression Statistics			45			
Multiple R	0.05		-		-	
R Square	0.00		2		• • • • • • •	<u> </u>
Adjusted R Square	-0.04		56 60 64	68 72 Y	76 80 64 4 ear	88 92
Standard Error	2.B4			,		
Observations	27.00					
Analysis of Variance						
	df	Sum of Squares		F	Significance F	
Regression	1.00	0.58	0.58	0.07	0.79	
Residual Total	25.00 26.00	201.93 202.52	8.08			
t ocar	20.00	202.52				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	3.00	5.26	0.57	0.57	-7.84	13.84
x1	0.02	0.07	0.07	0.79	0 10	A 45
	0.02	0.07	0.27	0.78	-0.12	0.15
				0.75		
Observations 1	Predicted Y 4.61		Stdzd Residuals -1.27	0.78	Percentile	<u>y</u>
Observations 1 2	<i>Predicted</i> Y 4.61 4.43	Residuals -3.61 -2.43	<u>Stdzd Residuals</u> -1.27 -0.86	0.79	Percentile 1.85 5.56	<b>y</b> 1 2
Observations 1 2 3	<i>Predicted</i> Y 4.61 4.43 4.41	<i>Residuals</i> -3.61 -2.43 -2.41	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85	0.79	Percentile 1.85 5.56 9.26	1 2 2
Observations 1 2 3 4	<i>Predicted</i> Y 4.61 4.43 4.41 4.15	<i>Residuals</i> -3.61 -2.43 -2.41 -2.15	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76	0.79	Percentile 1.85 5.56 9.26 12.96	<b>y</b> 1 2 2 2
Observations 1 2 3 4 5	Predicted Y 4.61 4.43 4.41 4.15 4.31	<i>Residuals</i> -3.61 -2.43 -2.41 -2.15 -2.31	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81	0.78	Percentile 1.85 5.56 9.26 12.96 16.67	<b>y</b> 1 2 2 2 2 2
<b>Observations</b> 1 2 3 4 5 6	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37	<b>y</b> 1 2 2 2 2 2 2
<b>Observations</b> 1 2 3 4 5 6 7	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29	<b>Residuals</b> -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07	<b>y</b> 1 2 2 2 2 2 2 2 2
<b>Observations</b> 1 2 3 4 5 6 7 8	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.81 -0.85	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2
<b>Observations</b> 1 2 3 4 5 6 7 8 9	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38	<b>Residuals</b> -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations 1 2 3 4 5 6 7 8 9 10	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19	y 1 2 2 2 2 2 2 2 2 2 2 2 3
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20	<b>Residuals</b> -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89	y 1 2 2 2 2 2 2 2 2 2 2 3 3 3
Observations 1 2 3 4 5 6 7 8 9 10 11 11	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20 -1.54	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.54	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59	y 1 2 2 2 2 2 2 2 2 2 3 3 3 3
Observations 1 2 3 4 5 6 7 8 9 10 11 11 12 13	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20 -1.54 -1.56	<u>Stdzd Residuals</u> -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.54 -0.55	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30	y 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3
Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.18	Residuals -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20 -1.54 -1.56 -1.18	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00	y 1 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 3
Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.18 4.59	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.56           -1.56           -1.8           -0.59	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.21	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70	y 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 4
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.54 4.56 4.18 4.59 4.52	<b>Residuals</b> -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20 -1.54 -1.56 -1.18 -0.59 -0.52	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.82 -0.81 -0.82 -0.84 -0.55 -0.42 -0.51	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	y 1 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.56 4.18 4.59 4.52 4.50	<b>Residuals</b> -3.61 -2.43 -2.41 -2.15 -2.31 -2.34 -2.29 -2.45 -2.38 -1.57 -1.20 -1.54 -1.56 -1.18 -0.59 -0.52 -0.50	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.54 -0.55 -0.42 -0.51 -0.51 -0.42 -0.51	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 3 3 4 4 4
Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.56 4.18 4.59 4.52 4.50 4.50 4.48	Residuals           -3.61           -2.43           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.82 -0.81 -0.84 -0.55 -0.42 -0.51 -0.55 -0.42 -0.51	0.79	Percentile 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 3 3 3 3 3 3 4 4 4 4
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.18 4.59 4.52 4.50 4.52 4.50 4.48 4.36	Residuals           -3.61           -2.43           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.56           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.51 -0.18 -0.18 -0.17 -0.12	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.18 4.59 4.52 4.50 4.52 4.50 4.48 4.36 4.25	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.56           -1.18           -0.59           -0.52           -0.50           -0.48           0.64           1.75	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.56 -0.18 -0.18 -0.17 0.22 0.61	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.56 4.59 4.52 4.50 4.50 4.48 4.36 4.25 4.33	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64           1.75           2.67	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.56 -0.42 -0.55 -0.42 -0.55 -0.42 -0.56 -0.42 -0.55 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.56 -0.42 -0.58 -0.42 -0.58 -0.42 -0.58 -0.42 -0.58 -0.42 -0.58 -0.42 -0.58 -0.18 -0.17 0.22 0.61 0.94	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22           75.93	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.54 4.56 4.59 4.52 4.50 4.48 4.36 4.25 4.33 4.47	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64           1.75           2.67           2.53	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.58 -0.42 -0.55 -0.42 -0.58 -0.42 -0.55 -0.42 -0.58 -0.58	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22           75.93           79.63	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.54 4.56 4.59 4.52 4.50 4.48 4.50 4.48 4.36 4.25 4.33 4.47 4.17	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64           1.75           2.67           2.53           3.83	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.21 -0.18 -0.18 -0.18 -0.17 0.22 0.61 0.94 0.89 1.35	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22           75.93           79.63           83.33	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23           24	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.18 4.59 4.52 4.50 4.52 4.50 4.52 4.50 4.48 4.36 4.25 4.33 4.47 4.17 4.63	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.50           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64           1.75           2.67           2.53           3.83           4.37	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.58 -0.42 -0.55 -0.42 -0.55 -0.42 -0.58 -0.42 -0.55 -0.42 -0.58 -0.42 -0.55 -0.42 -0.55 -0.42 -0.58 -0.18 -0.17 0.22 0.61 0.94 0.89 1.35 1.54	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22           75.93           79.63           83.33           87.04	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23	Predicted Y 4.61 4.43 4.41 4.15 4.31 4.34 4.29 4.45 4.38 4.57 4.20 4.54 4.56 4.54 4.56 4.59 4.52 4.50 4.48 4.50 4.48 4.36 4.25 4.33 4.47 4.17	Residuals           -3.61           -2.43           -2.41           -2.15           -2.31           -2.34           -2.29           -2.45           -2.38           -1.57           -1.54           -1.56           -1.8           -0.59           -0.52           -0.50           -0.48           0.64           1.75           2.67           2.53           3.83	Stdzd Residuals -1.27 -0.86 -0.85 -0.76 -0.81 -0.82 -0.81 -0.86 -0.84 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.55 -0.42 -0.21 -0.18 -0.18 -0.18 -0.17 0.22 0.61 0.94 0.89 1.35	0.79	Percentile           1.85           5.56           9.26           12.96           16.67           20.37           24.07           27.78           31.48           35.19           38.89           42.59           46.30           50.00           53.70           57.41           61.11           64.81           68.52           72.22           75.93           79.63           83.33	<b>y</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

## **Gull-billed Tern**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	79.13	79.13	2,18	0.16	-
Residual	20.00	727.24	36.36			
Total	21.00	806.36				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	21,40	11.37	1.88	0. <b>07</b>	-2.33	45.12
x1	-0.22	0.15	-1.48	0.16	-0.52	0,09

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	5.62	-4.62	-0.77	2.27	1
2	8.43	-7.43	-1.23	6.82	1
3	5.41	-4.41	-0.73	11.36	1
4	3,68	-2.68	-0.44	15.91	1
5	4.97	-3.97	-0.66	20.45	1
6	4.11	-3.11	-0.52	25.00	1
7	2.60	-1.60	-0.26	29.55	1
8	2.16	-1.16	-0.19	34.09	1
9	4.76	-2.76	-0.46	38.64	2
10	5,19	-3,19	-0.53	43.18	2
11	3.03	-1.03	-0.17	47.73	2
12	3.24	-0.24	-0.04	52.27	3
13	1.95	1.05	0.17	56.82	3
14	1.30	1.70	0.28	61,36	3
15	6.27	-3.27	-0.54	65.91	3
16	6.05	-2.05	-0.34	70.45	4
17	3.46	2.54	0.42	75.00	6
18	8,00	-1.00	-0.17	79.55	7
19	7.13	0.87	0.14	84.09	8
20	4.32	3.68	0.61	88.64	8
21	6.49	15.51	2.57	93.18	22
22	5.84	17.16	2.85	97.73	23

## Gull-billed Tern

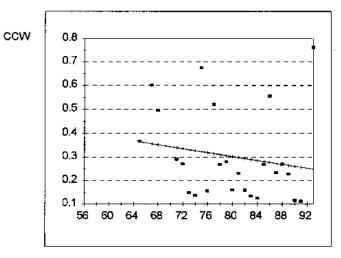
Data Corrected: Count/(Party Hours^B) where B = .46

# 2 outliers removed

Trend Slope as % of Avg = -1.57%

#### Regression Statistics

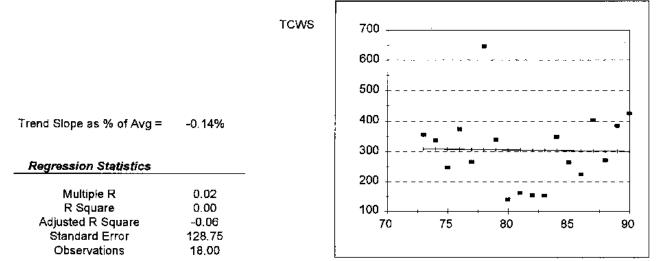
Multiple R0.17R Square0.03Adjusted R Square-0.01Standard Error0.19Observations25.00



Milaryala Ur Varianue						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1,00	0.03	0.03	0.70	0.41	-
Residual	23.00	0,83	0.04			
Total	24.00	0.85				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.09%	Upper 95.00%
Intercept	0.63	0.39	1.61	0.12	-0.18	1.44
×1	-0.00	0.00	-0.84	0.41	-0.01	0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.26	-0.14	-0.76	2.00	0
2	0.26	-0.14	-0.76	6.00	0
3	0.29	-0.16	-0.85	10.00	0
4	0.29	-0.15	-0.81	14.00	0
5	0.33	-0.19	-0.99	18.00	D
6	0.33	-0.18	-0.96	22.00	0
7	0.32	-0.16	-0.85	26.00	D
8	0.29	-0.13	-0.70	30.00	0
9	0.30	-0.14	-0.74	34.00	D
10	0.27	-0.04	-0.19	38.00	D
11	0,30	-0.07	-0.35	42.00	O
12	0.27	-0.04	-0.20	46,00	O
13	0.31	-0.04	-0.22	50.00	D
14	0.28	-0.01	-0.06	54.00	0
15	0.27	0,00	0.01	58.00	0
16	0.34	-0.06	-0.34	62.00	0
17	0.31	-0,02	-0.13	66.00	O
18	0.34	-0.05	-0.25	70.00	0
19	0.36	0.00	0.01	74.00	0
20	0.35	0.14	0.76	78.00	0
21	0.31	0.21	1.09	82.00	1
22	0.28	0.28	1.47	86,00	1
23	0,36	0.25	1.29	90.00	1
24	0.32	0.35	1.85	94.00	1
25	0.25	0.51	2.71	98.00	1

# Gull-billed Tem

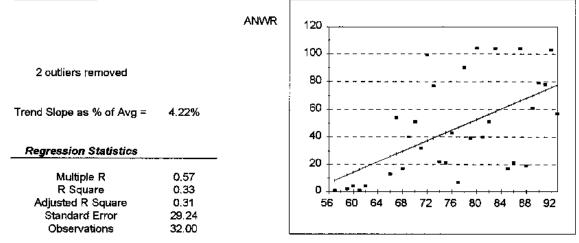


_	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	88.44	88.44	0.01	0.94	-
Residual	16.00	265215.56	16575.97			
Total	17.00	265304.00				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	340.15	477.67	0.71	0.49	-672.46	1352.77
x1	-0.43	5.85	-0.07	0.94	-12.83	11.97

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	305.97	-165,97	-1.29	2.78	140
2	304.69	-151.69	-1.18	8.33	153
3	305.12	-151,12	-1.17	13,89	154
4	305.55	-143.55	-1.11	19.44	162
5	303.41	-79.41	-0.62	25.00	224
6	308,11	-61,11	-0.47	30.56	247
7	303.84	-38.84	-0.30	36.11	265
8	307.26	-41.26	-0.32	41.67	266
9	302.56	-30.56	-0.24	47,22	272
10	308.54	28.46	0.22	52.78	337
11	306,40	32,60	0.25	58.33	33 <del>9</del>
12	304.27	43,73	0.34	63.89	348
13	308,96	47.04	0.37	69.44	356
14	307.68	66.32	0.52	75.00	374
15	302.13	82.87	0,64	80.56	385
16	302.98	101.02	0.78	86.11	404
17	301.70	123.30	0.96	91.67	425
18	306.83	338.17	2.63	97.22	645

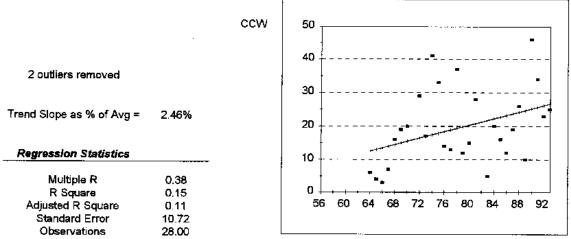
<u> Çaspian Tern</u>		ſ				1
		ANWR+CCW	160			
		ANVYRTUUV			•	
			140			
			-		-	
			- 120			•
					•-	•
rend Slope as % of Avg =	1.93%		Count Total			
			о С 80			
Regression Statistics		l l	÷	•	-	
Regression Statistics		-	60	!		
Multiple R	0.33		+			
R Square	0.11		40 <del>  + + + + +</del> 56 60 64	68 72	76 80 84	88 92
Adjusted R Square Standard Error	0.08 39.18		50 60 64		70 00 04 Bai	00 92
Observations	30.00					
0.00071010110	00.00	-				
Analysis of Variance						
-	đf	Sum of Square		F	Significance F	=
Regression	1.00	5271.35	5271.35	3.43	0.07	
Residual	28.00	42977.85	1534.92			
Total	29. <b>0</b> 0	48249.20				
	Coefficient	Standard Erro	er t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-40.82	65.27	-0.63	0.54	-174.51	92.87
x1	1.53	0.83	1.85	0.07	-0.16	3.22
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	57,19	-51.19	-1.31		1.67	6
2	60.26	-44.26	-1.13		1.67 5.00	16
2 3	60.26 77.10	-44.26 -57.10	-1.13 -1.46		1.67 5.00 8.33	16 20
2 3 4	60.26 77.10 89.35	-44.26 -57.10 -56.35	-1.13 -1.46 -1.44		1.67 5.00 8.33 11.67	16 20 33
2 3 4 5	60.26 77.10 89.35 63.32	-44.26 -57.10 -56.35 -30.32	-1.13 -1.46 -1.44 -0.77		1.67 5.00 8.33 11.67 15.00	16 20 33 33
2 3 4	60.26 77.10 89.35	-44.26 -57.10 -56.35	-1.13 -1.46 -1.44		1.67 5.00 8.33 11.67	16 20 33
2 3 4 5 6 7 8	60.26 77.10 89.35 63.32 90.89 93.95 80.17	-44.26 -57.10 -56.35 -30.32 -57.89	-1.13 -1.46 -1.44 -0.77 -1.48		1.67 5.00 8.33 11.67 15.00 18.33	16 20 33 33 33 33
2 3 4 5 6 7 8 9	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33	16 20 33 33 33 45 51 54
2 3 4 5 6 7 8 9 10	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 76.57	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67	16 20 33 33 33 45 51 54 57
2 3 4 5 6 7 8 9 10 11	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00	16 20 33 33 45 51 54 57 59
2 3 4 5 6 7 8 9 10 11 12	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33	16 20 33 33 45 51 54 57 59 61
2 3 4 5 6 7 8 9 10 11	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00	16 20 33 33 33 45 51 54 57 59
2 3 4 5 6 7 8 9 10 11 12 13 14 15	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33	16 20 33 33 45 51 54 57 59 61 63 68 71
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67	16 20 33 33 45 51 54 57 59 61 63 68 71 71
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82 94
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82 94 98
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82 94 98 109
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33	16 20 33 33 45 51 54 57 61 63 68 71 71 82 94 98 109 110
2 3 4 5 6 7 8 9 10 11 11 12 13 14 15 16 17 18 19 20 21 22	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82 94 98 109 110 112
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33	16 20 33 33 45 51 54 57 59 61 63 68 71 82 94 98 109 110 112 119 123
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54 81.70 92.42 97.01	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46 37.30 30.58 27.99	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78 0.71		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67	16 20 33 33 45 51 54 57 59 61 63 68 71 71 82 94 98 109 110 112 123 125
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54 81.70 92.42 97.01 100.07	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46 37.30 30.58 27.99 25.93	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78 0.71 0.66		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00	16 20 33 33 33 45 51 54 57 59 61 63 68 71 71 82 94 94 94 100 112 123 125 126
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 22 23 24 25 26 27	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54 81.70 92.42 97.01 100.07 78.63	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46 37.30 30.58 27.99 25.93 48.37	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78 0.71 0.66 1.23		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00 88.33	16 20 33 33 33 45 51 54 57 59 61 63 68 71 82 94 98 109 112 125 126 127
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54 81.70 92.42 97.01 100.07 78.63 69.45	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46 37.30 30.58 27.99 25.93 48.37 58.55	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78 0.71 0.66 1.23 1.49		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00 88.33 91.67	16 20 33 33 45 51 54 57 59 61 63 68 71 82 94 98 109 112 125 126 127 128
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	60.26 77.10 89.35 63.32 90.89 93.95 80.17 74.04 75.57 64.85 61.79 72.51 83.23 66.38 95.48 101.61 70.98 67.91 86.29 84.76 98.54 81.70 92.42 97.01 100.07 78.63	-44.26 -57.10 -56.35 -30.32 -57.89 -48.95 -29.17 -20.04 -18.57 -5.85 -0.79 -9.51 -15.23 4.62 -24.48 -19.61 23.02 30.09 22.71 25.24 13.46 37.30 30.58 27.99 25.93 48.37	-1.13 -1.46 -1.44 -0.77 -1.48 -1.25 -0.74 -0.51 -0.47 -0.15 -0.02 -0.24 -0.39 0.12 -0.62 -0.50 0.59 0.77 0.58 0.64 0.34 0.95 0.78 0.71 0.66 1.23		1.67 5.00 8.33 11.67 15.00 18.33 21.67 25.00 28.33 31.67 35.00 38.33 41.67 45.00 48.33 51.67 55.00 58.33 61.67 65.00 68.33 71.67 75.00 78.33 81.67 85.00 88.33	16 20 33 33 33 45 51 54 57 59 61 63 68 71 82 94 98 109 112 125 126 127

# <u>Caspian Tern</u>



narysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	12651.00	12651,00	14.80	0.00	-
Residual	30.00	25646.97	854.90			
Total	31.00	38297.97				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-101.02	38.43	-2.63	0.01	-179.50	-22.54
x1	1.92	0.50	3.85	0.00	0.90	2.94
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	y
1	16,12	-15.12	-0.52		1.56	1
2	8.44	-7.44	-0.25		4.69	1
3	12.28	-10.28	-0.35		7.81	2
4	14.20	-10.20	-0.35		10.94	4
5	18.04	-14.04	-0.48		14.06	4
6	46.85	-39.85	-1.36		17.19	7
7	25.72	-12.72	-0.44		20.31	13
8	29.57	-12.57	-0.43		23.44	17
9	62.21	-45.21	-1.55		26.56	17
10	67.97	-48.97	-1.67		29.69	19
11	64.13	-43.13	-1.48		32.81	21
12	43.01	-22.01	-0.75		35.94	21
13	41.09	-19.09	-0.65		39.06	22
14	35.33	-3.33	-0.11		42.19	32
15	50.69	-11.69	-0.40		45,31	39
16	54.53	-14.53	-0.50		48.44	40
17	31.49	8.51	0.29		51.56	40
18	44.93	-1.93	-0.07		54.69	43
19	56.45	-5.45	-0.19		57.81	51
20	33.41	17.59	0,60		60.94	51
21	27.65	<b>26.3</b> 5	0.90		64.06	54
22	77.57	-20.57	-0.70		67.19	57
23	69.89	-8.89	-0.30		70.31	61
24	39.17	37.83	1.29		73.44	77
25	73.73	4.27	0.15		76.56	78
26	71.81	7.19	0.25		79.69	79
27	48.77	41.23	1.41		82,81	90
28	37.25	61.75	2.11		85.94	99
29	75.65	27.35	0.94		89.06	103
30	66.05	37.95	1.30		92.19	104
31	52.61	51.39	1.76		95.31	104
32	58.37	45.63	1.56		98.44	104

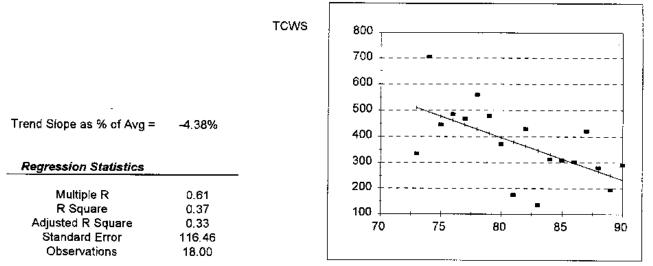
# <u>Caspian Tern</u>



Milarysis of Variance						
	df	Sum of Squares	Mean Square	F	Significance F	r
Regression	1.00	510.38	510.38	4.44	0.04	-
Residual	26.00	2988.05	114.93			
Total	27.00	3498.43				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-18.42	18,18	-1.01	0.32	-55,79	18.94
x1	0.48	0.23	2.11	0.04	0.01	0.96

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	13.52	-10.52	-0.98	1.79	3
2	13.04	-9.04	-0.84	5.36	4
3	21.75	-16.75	-1.56	8.93	5
4	12.56	-6.56	-0.61	12.50	6
5	14.01	-7.01	-0.65	16.07	7
6	24.66	-14.66	-1.37	19.64	10
7	19.82	-7.82	-0,73	23.21	12
8	23.20	-11.20	-1.05	26.79	12
9	18.85	-5.85	-0.55	30.36	13
10	18.36	-4.36	-0.41	33.93	14
11	20.30	-5.30	-0.49	37.50	15
12	22.72	-6.72	-0.63	41.07	16
13	14.4 <del>9</del>	1.51	0.14	44.64	16
14	16.91	0,09	0.01	48.21	17
15	14.98	4.02	0.38	51.79	19
16	23.69	-4.69	-0.44	55,36	19
17	22.24	-2.24	-0.21	58.93	20
18	15.46	4.54	0.42	62.50	20
19	26.11	-3.11	-0.29	66.07	23
20	26,59	-1.59	0.1 <del>5</del>	69.64	25
21	24.17	1.83	0.17	73.21	26
22	20.78	7.22	0,67	76.79	28
23	16.43	12,57	1.17	80.36	29
24	17.88	15.12	1.41	83.93	33
25	25.62	8.38	0.78	87.50	34
26	19.33	17.67	1.65	91.07	37
27	17.40	23.60	2.20	94.64	41
28	25.14	20.86	1.95	98.21	46

# Caspian Tern

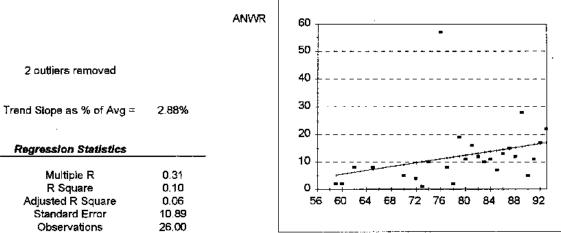


1,00 16.00 17.00	128601.33 217024.95 345626.28	128601.33 13564.06	9.48	0.01	-
		13564.06			
17.00	345626.28				
efficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
1700.19 -16.29	432.10 5.29	3.93 -3.08	0.00	784.18	2616.20 -5.08
1		1700.19 432.10	1700.19 432.10 3.93	1700.19 432.10 3.93 0.00	1700.19 432.10 3.93 0.00 784.18

Observations	Predicted Y	Residuals	Stdzd Residuals	<b>Percentile</b>	Y
1	347,95	-212.95	-1.83	2.78	135
2	380,53	-205.53	-1.76	8.33	175
3	250.20	-56.20	-0.48	13.89	194
4	266.49	14. <del>5</del> 1	0.12	19.44	281
5	233.91	56.09	0.48	25.00	290
6	299.07	4.93	0.04	30.56	304
7	315,37	-5.37	-0.05	36,11	310
8	331.66	-17.66	-0.15	41.67	314
9	510.87	~175.87	-1.51	47.22	335
10	396.83	-25.83	-0.22	52.78	371
11	282.78	138.22	1.19	58.33	421
12	364.24	65.76	0.56	63.89	430
13	478.29	-32.29	-0.28	69.44	446
14	445.70	22.30	0,19	75.00	468
15	413,12	65.88	0.57	80.56	479
16	462.00	24.00	0.21	86.11	486
17	429.41	129.59	1.11	91.67	559
18	494.58	210.42	1.81	97.22	705

<u>Royal Tern</u>						
		ANWR+CCW	70			
		ANVYRTCCVV	70		*	
			60		•	
			50			
2 outliers removed						· - · · · -
			<sup>33</sup> 40			
Trend Slope as % of Avg =	3.63%		Count Total			
			830+		····	
			20			
Regression Statistics	<b></b> .	- 1			· · · .	-•
Multiple R	0.42		10 +			
R Square	0.17		o		• • • • • • •	┉┯┯┯┯┯┯┯┥
Adjusted R Square	0.14		56 60 64	68 72	76 80 84 ear	88 92
Standard Error	15.69				ear	
Observations	27.00					
Analysis of Variance	đſ	Sum of Squares	Mean Square	F	Significance i	F
Regression	1.00	1293.14	1293.14	5.25	0.03	·
Residual	25.00	6155.15	246.21			
Total	26.00	7448.30				
· · · · · · · · · · · · · · · · · · ·	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	6 Upper 95.0
Intercept	-42.65	28 64	-1 49	0.15	-101 64	16 34
Intercept x1	-42.65 0.82	28.64 0.36	-1.49 2.29	0.15 0.03	-101.64 0.08	16.34 1.56
Intercept x1	-42.65 0.82	28.64 0.36	-1. <b>49</b> 2.29	0.15 0.03	-101.64 0.08	16.34 1.56
x1	0.82	0.36	2.29		0.08	1.56
-						
x1 <u>Observations</u> 1 2	0.82 <i>Predicted Y</i> 13.17 9.89	0.36 <b>Residuals</b>	2.29 Stdzd Residuals		0.08 Percentile	1.56 <i>y</i>
x1 <u>Observations</u> 1 2 3	0.82 <b>Predicted Y</b> 13.17 9.89 17.28	0.36 <b>Residuals</b> -12.17 -8.89 -13.28	2.29 Stdzd Residuals -0.78		0.08 Percentile	1.56 y 1 1 4
x1 Observations 1 2 3 4	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64	2.29 Stdzd Residuals -0.78 -0.57 -0.85 -0.68		0.08 Percentile 1.85 5.56	1.56 y 1 1 4 5
x1 <b>Observations</b> 1 2 3 4 5	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71	2.29 Stdzd Residuals -0.78 -0.57 -0.85 -0.68 -0.17		0.08 Percentite 1.85 5.56 9.26 12.96 16.67	1.56 y 1 1 4 5 8
x1 <b>Observations</b> 1 2 3 4 5 6	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99	2.29 Stdzd Residuals -0.78 -0.57 -0.85 -0.68 -0.17 -0.25		0.08 Percentite 1.85 5.56 9.26 12.96 16.67 20.37	1.56 y 1 1 4 5 8 10
x1 <b>Observations</b> 1 2 3 4 5 6 7	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46	2.29 Stdzd Residuals -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41		0.08 Percentite 1.85 5.56 9.26 12.96 16.67 20.37 24.07	1.56 y 1 1 4 5 8
x1 <b>Observations</b> 1 2 3 4 5 6 7 8	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23	2.29 Stdzd Residuals -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16		0.08 Percentite 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78	1.56 y 1 1 4 5 8 10 10 10 13
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90		0.08 <b>Percentite</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48	1.56 y 1 1 4 5 8 10 10 13 13
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19	1.56 y 1 1 4 5 8 10 10 13 13 13 15
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89	1.56 y 1 1 4 5 8 10 10 13 13 15 16
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 18.46 31.23 27.13 32.06 25.49 14.82 23.02	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -1.09 -0.60 0.08 -0.38 -0.82		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70	1.56 y 1 1 4 5 8 10 10 13 15 16 16 16 17 20 22
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	1.56 y 1 1 4 5 8 10 10 13 15 16 16 16 17 20 22 22
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11	1.56 y 1 1 4 5 8 10 10 10 13 15 16 16 17 20 22 22 24
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.38 -0.82 -0.17 -0.48 0.22 -0.55		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81	1.56 y 1 1 4 5 8 10 10 10 13 15 16 16 17 20 22 22 24 25
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20 22 22 24 25 26
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20 22 22 24 25 26 27
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77	0.36 <b>Residuais</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.38 -0.38 -0.38 -0.41 -0.48 0.22 -0.55 0.24 0.36 -0.05		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93	1.56 y 1 1 4 5 8 10 10 10 13 15 16 16 17 20 22 22 24 25 26 27 28
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77 18.10	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77 12.90	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36 -0.05 0.82		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63	1.56 y 1 1 4 5 8 10 10 10 13 15 16 16 17 20 22 22 24 25 26 27 28 31
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77 18.10 23.85	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77 12.90 7.15	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36 -0.05 0.82 0.46		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33	1.56 y 1 1 4 5 8 10 10 13 15 16 16 17 20 22 24 25 26 27 28 31 31
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77 18.10 23.85 26.31	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77 12.90 7.15 23.69	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36 -0.05 0.82 0.46 1.51		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20 22 22 24 25 26 27 28 31 31 50
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77 18.10 23.85 26.31 27.95	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77 12.90 7.15 23.69 24.05	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36 -0.05 0.24 0.36 -0.05 0.82 0.46 1.51 1.53		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04 90.74	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20 22 22 24 25 26 27 28 31 31 50 52
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.82 <b>Predicted Y</b> 13.17 9.89 17.28 15.64 10.71 13.99 16.46 31.23 27.13 32.06 25.49 14.82 23.02 32.88 24.67 29.59 20.56 33.70 22.20 21.38 28.77 18.10 23.85 26.31	0.36 <b>Residuals</b> -12.17 -8.89 -13.28 -10.64 -2.71 -3.99 -6.46 -18.23 -14.13 -17.06 -9.49 1.18 -6.02 -12.88 -2.67 -7.59 3.44 -8.70 3.80 5.62 -0.77 12.90 7.15 23.69	2.29 <b>Stdzd Residuals</b> -0.78 -0.57 -0.85 -0.68 -0.17 -0.25 -0.41 -1.16 -0.90 -1.09 -0.60 0.08 -0.38 -0.82 -0.17 -0.48 0.22 -0.55 0.24 0.36 -0.05 0.82 0.46 1.51		0.08 <b>Percentile</b> 1.85 5.56 9.26 12.96 16.67 20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04	1.56 y 1 1 4 5 8 10 10 13 13 15 16 16 17 20 22 22 24 25 26 27 28 31 31 50

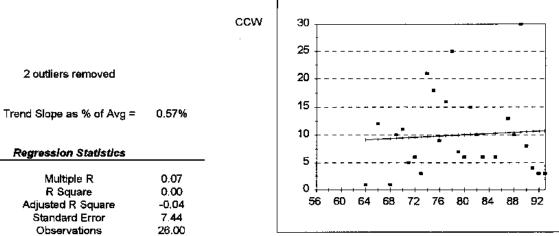
# Royal Tern



	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	301.82	301.82	2.55	0.12	-
Residual	24.00	2845.57	118.57			
Total	25.00	3147.3B				
 	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-15,51	17.47	-0.89	0.38	-51.57	20.55
×1	0.35	0.22	1.60	0.12	-0.10	0.80

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	10.03	-9.03	-0.83	1.92	1
2	5.13	-3.13	-0.29	5.77	2 2
3	5,48	-3.48	-0.32	9.62	2
4	11.78	-9.78	-0.90	13.46	2
5	9.68	-5.68	-0.52	17.31	4
6	15.98	-10.98	-1.01	21.15	5
7	8.98	-3.98	-0.37	25.00	5
8	14.23	-7.23	-0.66	28.85	7
9	7.23	0.77	0,07	32.69	8
10	11.43	-3.43	-0.31	36.54	8
11	6,18	1.82	0.17	40.38	8
12	13.53	-3.53	-0.32	44.23	10
13	10.38	-0,38	-0.03	48.08	10
14	16.33	-5.33	-0.49	51.92	11
15	13.88	-2.88	-0.26	55.77	11
16	12.48	-1.4B	-0.14	59.62	11
17	13.18	-1,18	-0.11	63,46	12
18	15.28	-3.28	-0.30	67.31	12
19	14.58	-1.58	-0.14	71.15	13
20	14.93	0.07	0.01	75.00	15
21	12.83	3.17	0.29	78.85	16
22	16.68	0.32	0.03	82.69	17
23	12.13	6.87	0.63	86.54	19
24	17.02	4.98	0.46	90.38	22
25	15.63	12.37	1,14	94.23	28
26	11.08	45.92	4.22	<b>98.08</b>	57

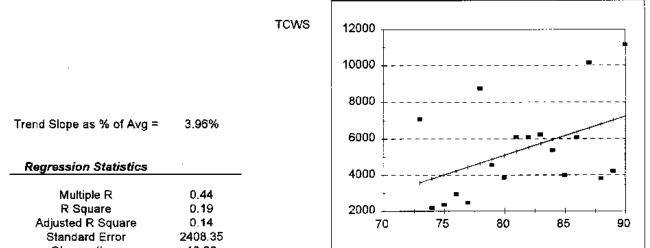
# <u>Royal Tern</u>



df	Sum of Squares	Mean Square	F	Significance F	
1.00	5.98	5.98	0.11	0.75	-
24.00	1326.98	55.29			
25.00	1332.96				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
5.46	13.76	0.40	0.69	-22,94	33.86
	1.00 24.00 25.00 <b>Coefficient</b>	1.00         5.98           24.00         1326.98           25.00         1332.96           Coefficient         Standard Error	1.00         5.98         5.98           24.00         1326.98         55.29           25.00         1332.96         55.29           Coefficient         Standard Error         t Statistic	1.00         5.98         5.98         0.11           24.00         1326.98         55.29         25.00         1332.96           Coefficient         Standard Error         t Statistic         P-value	1.00         5.98         5.98         0.11         0.75           24.00         1326.98         55.29         25.00         1332.96           Coefficient         Standard Error         t Statistic         P-value         Lower 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	Y
1	9.11	-8.11	-1.09	1.92	1
2	9.34	-8.34	<b>-1</b> .12	5.77	1
3	10.76	-7.76	-1.04	9.62	3
4	10.70	-7.70	-1.04	13.46	3 3
5	9.62	-6.62	-0.89	17.31	3
6	10.65	-6. <b>6</b> 5	-0.89	21.15	4
7	9,51	-4.51	-0.61	25.00	5
8	9.56	-3.56	-0.48	28.85	6
9	10.19	-4.19	-0.56	32.69	6
10	10.02	-4.02	-0.54	36.54	6 6
<b>1</b> 1	10.31	-4.31	-0.58	40.38	6
12	9.96	-2.96	-0.40	44.23	7
13	10.59	-2.59	-0.35	48.08	8
14	9.79	-0.79	-0.11	51.92	9
15	10.13	-0.13	-0.02	55.77	10
16	10.48	-0.48	-0.06	59,62	10
17	9.39	0.61	0.08	63.46	10
18	9.45	1.55	0.21	67.31	11
19	9.22	2.78	0.37	71.15	12
20	10.42	2.58	0.35	75.00	13
21	10.08	4.92	0.66	78.85	15
22	9. <b>8</b> 5	6,15	0.83	82.69	16
23	9.74	8.26	1.11	86.54	18
24	9,68	11.32	1.52	90.38	21
25	9.91	15.09	2.03	94.23	25
26	10.53	19.47	2.62	98.08	30

# Royal Tern



## Analysis of Variance

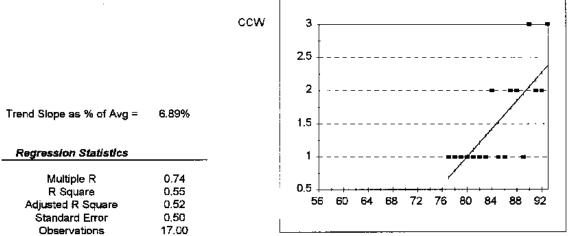
Observations

18.00

-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1,00	22273415.74	22273415.74	3.84	0.07	-
Residual	16.00	92802631.38	5800164.46			
Total	17.00	115076047.11				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-12066.25	8935.30	-1.35	0.19	-31008.24	6875.73
x1	214.41	109.41	1.96	0.07	-17.54	446.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	3800.14	-1615.14	-0.67	2.78	2185
2	4014.55	-1657.55	-0.69	8.33	2357
3	4443.37	-1975.37	-0.82	13.89	2468
4	4228.96	-1278.96	-0.53	19.44	2950
5	6801.89	-2999.89	-1.25	25.00	3802
6	5086.61	-1236.61	-0.51	30.56	3850
7	6158.66	-2168.66	-0.90	36.11	3990
8	7016.30	-2802.30	-1.16	41.67	4214
9	4872.20	-303.20	-0.13	47.22	4569
10	5944.25	-583,25	-0.24	52.78	5361
11	6373,07	-300.07	-0.12	58.33	6073
12	5515.43	564.57	0.23	63.69	6080
13	5301.02	782,98	0.33	69.44	6084
14	5729.84	<b>490</b> .16	0.20	75.00	6220
15	3585.73	3495.27	1.45	80.56	7081
16	4657.78	4103.22	1.70	86.11	8761
17	6587.48	3561.52	1.48	91.67	10149
18	7230,71	3923.29	1.63	97.22	11154

# Sandwich Tern

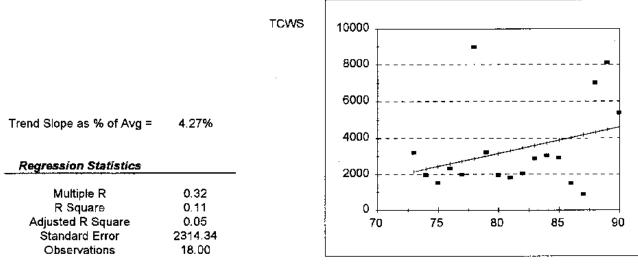


#### Analysis of Variance

Wildlight of Religing						
•	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	4.53	4.53	18,36	0.00	-
Residual	15.00	3.70	0.25			
Total	16.00	8.24				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.43	2.09	-3.55	0.00	-11.89	-2.96
x1	0.11	0.02	4.28	0.00	0.05	0.16

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.32	-0.32	-0.64	2.94	1
2	1.21	-0.21	-0.43	8.82	1
3	1.53	-0.53	-1.07	14.71	1
4	1.95	-0.95	-1.91	20.59	1
5	1.63	-0.63	-1.28	26.47	1
6	0.90	0,10	0.21	32.35	1
7	0.79	0.21	0.42	38.24	1
8	0.69	0.31	0.63	44.12	1
9	1.11	<b>-0.1</b> 1	-0.22	50.00	1
10	1.00	-0.00	-0.00	55.88	1
11	2.27	-0.27	-0.54	61.76	2
12	2.16	-0.16	-0.33	67.65	2
13	1.74	0.26	0.52	73.53	2
14	1.42	0.58	1.16	79.41	2
15	1.85	0,15	0.31	85.29	2
16	2.37	0.63	1.26	91.18	3
17	2.06	0.94	1.90	97.06	3

# Sandwich Tern

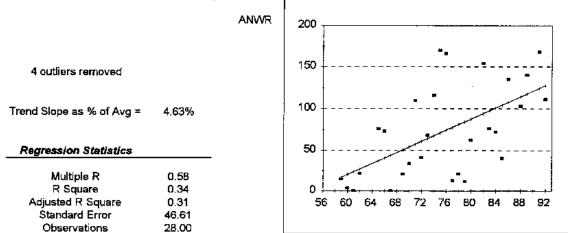


-	df	Sum of Squares	Mean Square	F	Significance F	
Regressio	on 1.00	10064455.93	10064455.93	1.88	0.19	-
Residua	16.00	85699057.18	5356191.07			
Tota	17.00	95763513,11				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercep	t -8372.21	8586.51	-0.98	0.34	-26574.81	9830.39
×1	144,13	105.14	1.37	0.19	-78.77	367.02

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	4166.93	-3286.93	-1.42	2.78	880
2	4022.80	-2500.80	-1.08	8.33	1522
3	2437.39	<b>-91</b> 3.39	-0.39	13.89	1524
4	3302.16	-1486.16	-0.64	19.44	1816
5	3158.03	-1199.03	-0.52	25.00	1959
6	2293.26	-323.26	-0.14	30.56	1970
7	2725.65	-747,65	-0.32	36,11	1978
8	3446.29	-1406.29	-0.61	41.67	2040
9	2581.52	-251.52	-0.11	47.22	2330
10	3590.41	-710.41	-0.31	52.78	2880
11	3878.67	-968.67	-0.42	58.33	2910
12	3734.54	-685.54	-0.30	63.89	3049
13	2149.13	1050.87	0.45	69.44	3200
14	3013.90	216.10	0.09	75.00	3230
15	4599,31	770.69	0.33	80.56	5370
16	4311.05	2692.95	1.16	86.11	7004
17	4455.18	3644.82	1.57	91.67	B100
18	2869.77	6104.23	2.64	97.22	8974

Forster's Tern		Г				
		ANWR+CCW	350			
					•	
			300 +			•• •
			<u>_</u> 250 +		• • • •	
						-
rend Slope as % of Avg =	5.01%			•		
			й <sub>150</sub>			
Regression Statistics			100			
Multiple R	0.75				-	
R Square	0.56		50 + + + + +	68 72		88 92
Adjusted R Square	0.54		00 80 84	ື '′Y	ear	35 32
Standard Error Observations	59,14 31,00					·
Observations	31.00	L				, <u> </u>
Analysis of Variance						
•	df	Sum of Square	s Mean Square	F	Significance F	-
Regression	1.00	128520.00	128520.00	36.74	0.00	
Residuał Total	29.00 30.00	101434.38 229954.39	3497.74			
Total						
	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-417.80	93.24	-4.48	0.00	-608.49	-227.10
<b>x1</b>	7.20	1.19	6.06	0.00	4.77	9.63
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	Y
1	42.93	-39.93	-0.68		1.61	3
2	35.73	-31.73 -59.52	-0.54		4.84 8.06	4 5
3	64.52	-09.02	-1.01		0.00	
4	71 72	-63 72	-1.09		11 29	8
4	71.72 1 <b>43</b> 71	-63.72 -75.71	-1.08 -1.28		11.29 14.52	8 68
5	143.71	-75.71	-1.28		14.52	68
5 6	1 <b>43</b> .71 136.51	-75.71 -64.51	-1.28 -1.09		14.52 17.74	68 72
5 6 7	143.71 136.51 50.13	-75.71 -64.51 28.87	-1.28 -1.09 0.49		14.52 17.74 20.97	68
5 6	1 <b>43</b> .71 136.51	-75.71 -64.51	-1.28 -1.09		14.52 17.74	68 72 79
5 6 7 8	143.71 136.51 50.13 86.12	-75.71 -64.51 28.87 -4.12	-1.28 -1.09 0.49 -0.07		14.52 17.74 20.97 24.19	68 72 79 82 84 89
5 6 7 8 9	143.71 136.51 50.13 86.12 158.11	-75.71 -64.51 28.87 -4.12 -74.11	-1.28 -1.09 0.49 -0.07 -1.25		14.52 17.74 20.97 24.19 27.42	68 72 79 82 84 89 97
5 6 7 8 9 10 11 12	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10	68 72 79 82 84 89 97 99
5 6 7 8 9 10 11 12 13	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32	68 72 79 82 84 89 97 99 99
5 6 7 8 9 10 11 12 13 14	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55	68 72 79 82 84 89 97 99 99 99
5 6 7 8 9 10 11 12 13 14 15	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77	68 72 79 82 84 89 97 99 99 110 141
5 6 7 8 9 10 11 12 13 13 14 15 16	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00	68 72 79 82 84 89 97 99 99 110 141 145
5 6 7 8 9 10 11 12 13 14 15 16 17	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23	68 72 79 82 84 89 97 99 99 110 141 145 155
5 6 7 8 9 10 11 12 13 14 15 16 17 18	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45	68 72 79 82 84 89 97 99 99 110 141 145 156 159
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165
5 6 7 8 9 10 11 12 13 14 15 16 17 18 9 9 20	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 187
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 187 196
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40 1.38		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 187 196 204
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11 244.49	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89 -31.49	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40 1.38 -0.53		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 187 196
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11 244.49 208.50	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89 -31.49 14.50	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40 1.38 -0.53 0.25		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81	68 72 79 82 84 89 97 99 99 110 141 145 156 165 165 184 187 187 196 204 213
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11 244.49 208.50 129.31	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89 -31.49 14.50 98.69	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40 1.38 -0.53		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 186 204 213 223 228 276
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11 244.49 208.50 129.31 237.29	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89 -31.49 14.50	-1.28 -1.09 0.49 -0.07 -1.25 0.54 0.31 -0.88 -0.03 -1.18 0.56 0.87 -1.13 -0.47 -0.86 -0.17 1.22 -0.24 0.40 1.38 -0.53 0.25 1.67		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 186 204 213 223 228 276 282
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	143.71 136.51 50.13 86.12 158.11 57.32 78.92 150.91 100.52 179.70 107.72 93.32 222.90 186.90 215.70 194.10 114.91 201.30 172.50 122.11 244.49 208.50 129.31	-75.71 -64.51 28.87 -4.12 -74.11 31.68 18.08 -51.91 -1.52 -69.70 33.28 51.68 -66.90 -27.90 -50.70 -10.10 72.09 -14.30 23.50 81.89 -31.49 14.50 98.69 38.71	$\begin{array}{c} -1.28\\ -1.09\\ 0.49\\ -0.07\\ -1.25\\ 0.54\\ 0.31\\ -0.88\\ -0.03\\ -1.18\\ 0.56\\ 0.87\\ -1.13\\ -0.47\\ -0.86\\ -0.17\\ 1.22\\ -0.24\\ 0.40\\ 1.38\\ -0.53\\ 0.25\\ 1.67\\ 0.65\end{array}$		14.52 17.74 20.97 24.19 27.42 30.65 33.87 37.10 40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48 88.71	68 72 79 82 84 89 97 99 99 110 141 145 156 159 165 184 187 187 196 204 213 223 228 276

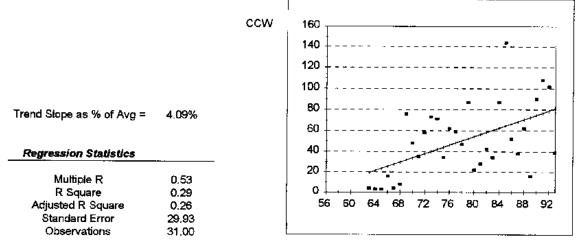
## Forster's Tern



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	28661.76	28661.76	13.19	0.00	-
Residual	26.00	56486.34	2172.55			
Total	27.00	85148.11				
 	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient -180.55	Standard Error	t Statistic -2.57	<i>P-value</i> 0.02	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	23.76	-22.76	-0.49	1.79	1
2	43.85	-42.85	-0.92	5.36	1
3	20.41	-16.41	-0.35	8,93	4
4	84.04	-72.04	-1.55	12.50	12
5	77.35	-64.35	-1.38	16.07	13
6	17,06	-2.06	-0.04	19.64	15
7	50,55	-29.55	-0.63	23.21	25
8	80,69	-59.69	-1.28	26.79	21
9	27.11	-5.11	-0.11	30.36	22
10	53,90	-19.90	-0.43	33.93	34
11	104.14	-64.14	-1.38	37.50	40
12	60.60	-19.60	-0,42	41.07	41
13	87.39	-25.39	-0.54	44.64	62
14	63.95	4.05	0.09	48.21	68
15	100.79	-28.79	-0.62	51.79	72
16	40.50	32.50	0.70	55.36	73
17	37.15	38.85	0.83	58.93	76
18	97.44	-21.44	-0.46	62.50	76
19	114.19	-11.19	-0.24	66.07	103
20	57,25	52.75	1.13	69.64	110
21	127.59	-16,59	-0.36	73.21	111
22	67.30	48.70	1.04	76.79	116
23	107.49	27.51	0.59	80,36	135
24	117.54	22.46	0.48	83.93	140
25	94.09	59.91	1.29	87.50	154
26	74.00	92.00	1.97	91.07	166
27	124.24	43.76	0.94	94,64	168
28	70.65	99.35	2.13	98.21	170

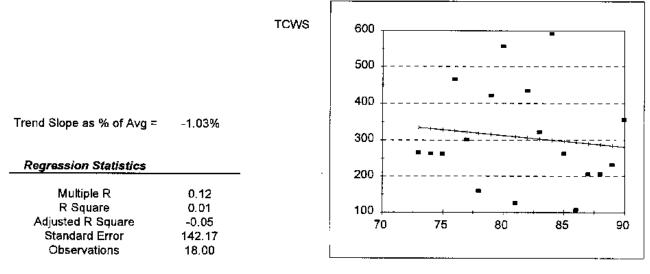
# Forster's Tern



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	10414.00	10414.00	11.62	0.00	•
Residual	29.00	25983.87	896.00			
Total	30.00	36397.87				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-109.77	47.19	-2.33	0.03	-206.29	-13.26

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	23.43	-20.43	-0.68	1.61	3
2	21.38	-18.38	~0.61	4.84	3
3	27.52	-23.52	-0.79	8.06	4
4	19.33	-15.33	-0.51	11.29	4
5	29.57	-21.57	-0.72	14.52	8
6	72.61	-56.61	-1.89	17.74	16
7	25.47	-9.47	-0.32	20.97	16
8	54.16	-32.16	-1.07	24.19	22
9	56.21	-28.21	-0.94	27.42	28
10	43.92	-9.92	-0.33	30.65	34
11	60.31	-26.31	-0.88	33.87	34
12	35.72	-0.72	-0.02	37.10	35
13	68.51	-30.51	-1.02	40.32	38
14	80.80	-41.80	-1.40	43.55	39
15	58.26	-16,26	-0.54	46,77	42
16	50.06	-3.06	-0.10	50.00	47
17	33.67	14.33	0.48	53.23	48
18	66.46	-14.46	-0.48	56.45	52
19	37.77	20.23	0.68	59,68	58
20	48.02	10.98	0,37	62.90	59
21	45.97	16.03	0.54	66.13	62
22	70.56	-8.56	-0.29	69.35	62
23	41.87	29.13	0.97	72.58	71
24	39,82	33.18	1.11	75.81	73
25	31.62	44.38	1.48	79.03	76
26	52.11	34.89	1.17	82.26	87
27	62.36	24.64	0.82	85.48	87
28	74.65	15.35	0.51	88,71	90
29	78,75	23.25	0,78	91.94	102
30	76.70	31,30	1.05	95.16	108
31	64.41	79.59	2.66	98.39	144

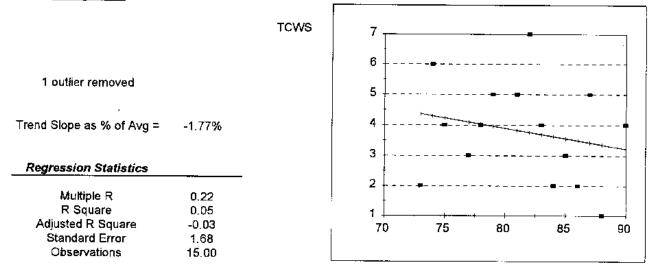
# Forster's Tern



	df	Sum of Squares	Mean Square	F	Significance F	
Regressio	n 1.00	4894,94	4894.94	0.24	0.63	-
Residual	16.00	323387.50	20211.72			
Total	17,00	328282.44				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	Coencients		rotadiro			00000000
Intercept	566.50	527.46	1.07	0.30	-551.67	1684.66

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	293.14	-186.14	-1.31	2.78	107
2	309.03	-184.03	-1,29	8.33	125
3	318.57	-159.57	-1.12	13.89	159
4	286.78	-80,78	-0.57	19.44	206
5	289.96	-83.96	-0.59	25.00	206
6	283.61	-51.61	-0,36	30.56	232
7	328.10	-66.10	-0.46	36.11	262
8	296.32	-33.32	-0.23	41.67	263
9	331.28	-68.28	-0.48	47.22	263
10	334.46	-68.46	-0.48	52.78	266
11	321.75	-20,75	-0.15	58.33	301
12	302.68	19.32	0.14	63.89	322
13	280.43	74.57	0.52	69.44	355
14	315.39	104.61	0.74	75.00	420
15	305.86	128.14	0,90	80.56	434
. 16	324.93	140.07	0.99	86.11	465
17	312.21	243.79	1.71	91.67	556
18	299,50	292.50	2.06	97.22	592

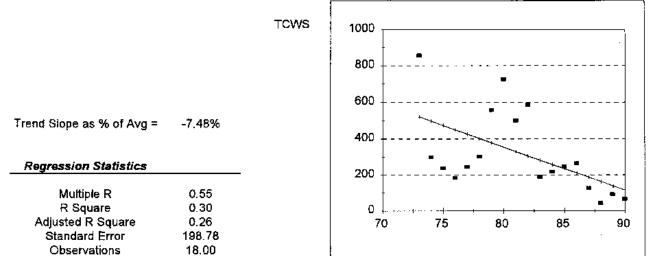
# Sooty Tern



Chiefysia of Tallance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1.79	1.79	0.63	0.44	-
Residual	13.00	36.61	2.82			
Total	14.00	38.40				
	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	9.28	6.89	1.35	0.20	-5.60	24,15
x1	-0.07	0.08	-0.80	0.44	-0.25	0.12

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	v
1	3.36	-2.36	-1.41	3.33	1
2	3.63	-1.63	-0.97	10.00	2
3	4.37	-2.37	-1. <b>41</b>	16.67	2
4	3.50	-1.50	-0.89	23.33	2
5	3.56	-0.56	-0.34	30.00	3
6	4,10	-1.10	-0.66	36.67	3
7	4.03	-0.03	-0.02	43,33	4
8	3.70	0.30	0.18	50.00	4
9	4.23	-0,23	-0.14	56.67	4
10	3.23	0.77	0.46	63.33	4
11	3.83	1.17	0.70	70.00	5
12	3.43	1.57	0,94	76.67	5
13	3.97	1.03	0,62	83.33	5
14	4.30	1.70	1.01	90,00	6
15	3.76	3.24	1,93	96.67	7

# Least Tern

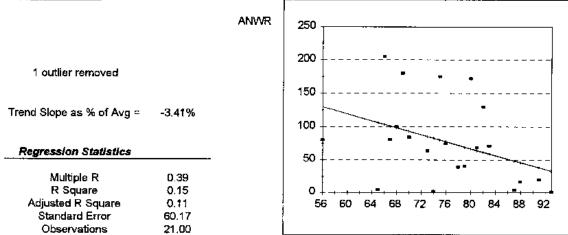


		df	Sum of Squares	Mean Square	F	Significance F	
-	Regression	1.00	275960.72	275960.72	6.98	0.02	-
	Residual	16.00	632243.28	39515.20			
	Total	17.00	908204.00				
		Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	Intercept	Coefficients 2264.07	Standard Error 737.52	t Statistic	<i>P-value</i> 0.01	Lower 95.00%	Upper 95.00% 3827.53

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	163,87	-120.87	-0.61	2.78	43
2	116,14	-50.14	-0.25	8.33	66
3	140.01	-48.01	-0.24	13.89	92
4	187.74	-60.74	-0.31	19.44	127
5	450.26	-266.26	-1.34	25.00	184
6	283.20	-93,20	-0.47	30.56	190
7	259.34	-40.34	-0.20	36,11	219
8	474.13	-237.13	-1.19	41.67	237
9	426.40	-181.40	-0.91	47.22	245
10	235.47	11.53	0.06	52.78	247
11	211.60	53,40	0.27	58.33	265
12	497.99	-197.99	-1.00	63.89	300
13	402.53	-99.53	-0.50	69.44	303
14	330,93	169.07	0.85	75.00	500
15	378.66	179.34	0.90	80.56	558
16	307.07	277,93	1.40	86.11	585
17	354,80	370.20	1.86	91.67	725
18	521.86	334.14	1.68	97.22	856

		1				
		ANWR+CCW	250			
			ł			
			200			
outliers removed		-		•		
			8 160 +			
Frend Slope as % of Avg =	-4,68%					
	4.0070			me		
				•		
Regression Statistics		-	50 <del>+</del>			
Multiple R	0.42		÷	_	•	
R Square	0.17		0+++++			<u>•</u> •••
Adjusted R Square	0.14		56 60 64	68 72 Ye	76 80 84 Par	88 92
Standard Error	60.20					
Observations	28.00					
Analysis of Variance						
D	df	Sum of Squares		<u> </u>	Significance	<u>F</u>
Regression Residual	1,00 26.00	19625.64 94231.07	19625.64 3624.27	5.42	0.03	
Total	28.00	113856.71	3024.27			
		Standard Error	t Statistic	P-value	Lower 95.00	% Upper 95.0
						E00 44
Intercept	316.77	107.84	2.94	0.01	95.09	538.44
Intercept x1	316.77 -3.15	107.84 1.35	2.94 -2.33	0.01 0.03	95.09 -5.93	-0.37
	-3.15 Predicted Y	1.35	-2.33 Stdzd Residuals			
x1 Observations 1	-3.15 <i>Predicted Y</i> 93.19	1.35 Residuals -92.19	-2.33 Stdzd Residuals -1.53		-5.93 Percentile 1.79	-0.37
x1 Observations 1 2	-3.15 <u>Predicted Y</u> 93.19 45.96	1.35 Residuals -92.19 -42.96	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71		-5.93 Percentile 1.79 5.36	-0.37 <u>y</u> 1 3
x1 Observations 1 2 3	-3.15 <i>Predicted</i> Y 93.19 45.96 112.09	1.35 <b>Residuals</b> -92.19 -42.96 -108.09	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80		-5.93 Percentile 1.79 5.36 8.93	-0.37 <u>y</u> 1 3 4
x1 Observations 1 2 3 4	-3.15 <i>Predicted</i> Y 93.19 45.96 112.09 27.07	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38		-5.93 <i>Percentile</i> 1.79 5.36 8.93 12.50	-0.37 <u>y</u> 1 3 4 4 4
x1 <b>Observations</b> 1 2 3 4 5	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07	-0.37 1 3 4 4 4
x1 <b>Observations</b> 1 2 3 4 5 6	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64	-0.37 <b>y</b> 1 3 4 4 4 8
x1 <b>Observations</b> 1 2 3 4 5	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21	-0.37 1 3 4 4 4 8 10
x1 <b>Observations</b> 1 2 3 4 5 6 7	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64	-0.37 <b>y</b> 1 3 4 4 4 8
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79	-0.37 <b>y</b> 1 3 4 4 4 8 10 12
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0,39 -0.41 -0.51 -1.16 -0.85		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36	-0.37 <b>y</b> 1 3 4 4 4 4 8 10 12 12 12
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07	-0.37 <b>y</b> 1 3 4 4 4 4 8 10 12 12 12 14 23 32
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64	-0.37 <b>y</b> 1 3 4 4 4 4 8 10 12 12 12 14 23 32 41
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21	-0.37 1 3 4 4 4 8 10 12 12 14 23 32 41 47
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79	-0.37 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36	-0.37 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93	-0.37 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50	-0.37 <b>y</b> 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.48 0.31 0.17 -0.02		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07	-0.37 <b>y</b> 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.41		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64	-0.37 <b>y</b> 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.38 0.31 0.31 0.17 -0.02 -0.41 -0.04		-6.93 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21	-0.37 1 3 4 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64 96.34	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64 3.66	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.41 -0.04 0.06		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79	-0.37 y 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100 100 100
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64 96.34 58.55	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64 3.66 93.45	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.41 -0.04 0.06 1.55		-5.93 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36	-0.37 y 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100 100 152
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64 96.34 58.55 55.41	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64 3.66 93.45 101.59	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.31 0.17 -0.02 -0.41 -0.04 0.06 1.55 1.69		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	-0.37 y 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100 100 152 157
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64 96.34 58.55 55.41 64.85	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64 3.66 93.45 101.59 111.15	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.38 0.31 0.17 -0.02 -0.41 -0.02 -0.41 -0.02 -0.41 -0.55 1.69 1.85		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50	-0.37 y 1 3 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100 100 152 157 176
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	-3.15 <b>Predicted Y</b> 93.19 45.96 112.09 27.07 23.92 52.26 33.36 36.51 42.81 83.75 74.30 30.21 68.00 71.15 39.66 86.90 49.11 61.70 77.45 105.79 102.64 96.34 58.55 55.41	1.35 <b>Residuals</b> -92.19 -42.96 -108.09 -23.07 -19.92 -44.26 -23.36 -24.51 -30.81 -69.75 -51.30 1.79 -27.00 -24.15 19.34 -22.90 18.89 10.30 -1.45 -24.79 -2.64 3.66 93.45 101.59	-2.33 <b>Stdzd Residuals</b> -1.53 -0.71 -1.80 -0.38 -0.33 -0.74 -0.39 -0.41 -0.51 -1.16 -0.85 0.03 -0.45 -0.40 0.32 -0.38 0.31 0.17 -0.02 -0.31 0.17 -0.02 -0.41 -0.04 0.06 1.55 1.69		-5.93 Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	-0.37 y 1 3 4 4 4 4 8 10 12 12 14 23 32 41 47 59 64 68 72 76 81 100 100 152 157

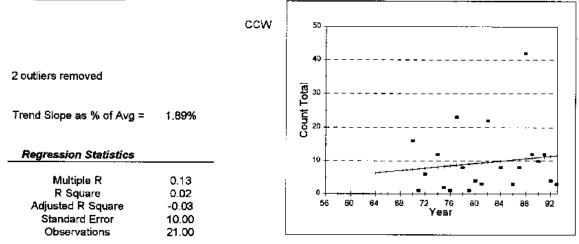
## **Black Skimmer**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	12234.76	12234.76	3.38	0.08	-
Residual	19.00	68792.48	3620.66			
Total	20.00	81027.24				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficient 276.58	Standard Error 109.47	<i>t Statistic</i> 2.53	<i>P-value</i> 0.02	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	32,89	-31.89	-0.53	2.38	1
2	82.67	-80.67	-1.34	7.14	2
3	48.61	-44.61	-0,74	11.90	4
4	106.26	-102,26	-1.70	16.67	4
5	45.99	-28.99	-0.48	21,43	17
6	38.13	-18.13	-0.30	26.19	20
7	72.19	-33.19	-0.55	30.95	39
8	69.57	-29.57	-0.49	35.71	40
9	85.29	-21.29	-0.35	40.48	64
10	64.33	4.67	0.08	45,24	69
11	59.09	11.91	0.20	50.00	71
12	77.43	-2.43	-0.04	54.76	75
13	129.84	-49.84	-0.83	59.52	80
14	101.02	-20.02	-0.33	64.29	81
15	93,16	-9.16	-0.15	69.05	84
16	98.40	1.60	0.03	73.81	100
17	61.71	68.29	1,13	78.57	130
18	66.95	105.05	1.75	83.33	172
19	80.05	94.95	1.58	88.10	175
20	95.78	84.22	1.40	92.86	180
21	103.64	101.36	1.68	97.62	205

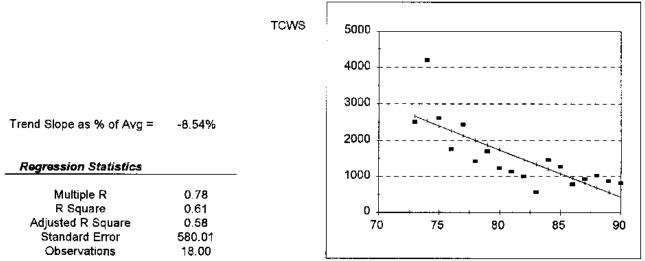
# <u>Black Skimmer</u>



	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	34.69	34,69	0.35	0.56	-
Residual	19.00	1900.45	100.02			
Total	20.00	1935.14				
 	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient	Standard Error 25.15	<i>t Statistic</i> -0.21	<i>P-vaiue</i> 0.84	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
1	7.64	-6.64	-0.66	2,38	1
2	9.09	-8.09	-0.81	7.14	1
3	8.55	-7.55	-0.75	11.90	1
4	8.37	-6.37	-0.64	16,67	2
5	9.45	-6.45	-0.65	21,43	3
6	10.35	-7.35	-0.74	26.19	3
7	11.62	-8.62	-0.86	30.95	3
8	11.44	-7.44	-0.74	35.71	4
9	9.27	-5.27	-0.53	40.48	4
10	7.82	-1.82	-0.18	45.24	6
11	8.91	-0.91	-0.09	50.00	8
12	9,99	-1.99	-0.20	54.76	8
13	10.54	-2.54	-0.25	59.52	8
14	11.08	-1.08	-0.11	64.29	10
15	8.19	3.81	0.38	69.05	12
16	11.26	0.74	0.07	73.81	12
17	10.90	1.10	0.11	78.57	12
18	7.46	8.54	0.85	83.33	16
19	9.63	12.37	1.24	88.10	22
20	6.73	14.27	1.43	92.86	23
21	10.72	31.28	3.13	97.62	42

# Black Skimmer

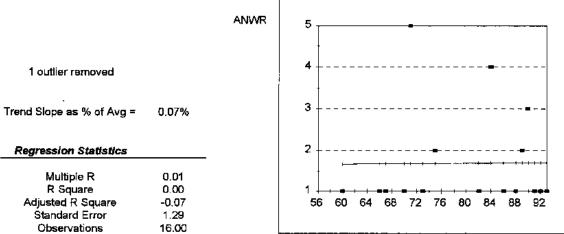


	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	8387368.44	8387368,44	24.93	0.00	-
Residual	16.00	5382573.56	336410.85			
Total	17.00	13769942.00				
 	Coefficients	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	12263.51	2151.91	5.70	0.00	7701.67	16825.36
x1	-131.57	26.35	-4,99	0.00	-187.43	-75.71

<b>Observations</b>	Predicted Y	Residuals	Stdzd Residuals	Percentile	у
1	1342.97	-779.97	-1.34	2.78	563
2	948.26	-165.26	-0.28	8.33	783
3	421.96	396.04	0,68	13.89	818
4	553.54	313.46	0.54	19.44	867
5	816.68	112.32	0.19	25.00	929
6	1474.55	-477.55	-0.82	30,56	997
7	685.11	340.89	0.59	36.11	1026
8	1606.12	-467.12	-0.81	41.67	1139
9	1737.69	-499.69	-0.86	47.22	1238
10	1079.83	197.17	0.34	52.78	1277
11	2000.84	-582.84	~1.00	58.33	1418
12	1211.40	255.60	0.44	63.89	1467
13	1869.27	-168.27	-0.29	69.44	1701
14	2263.98	-504.98	-0.87	75.00	1759
15	2132.41	303.59	0.52	80.56	2436
16	2658.70	-153.70	-0.26	<b>8</b> 6. <b>1</b> 1	2505
17	2395.56	213.44	0.37	91.67	2609
18	2527.13	1666.87	2.87	97.22	4194

		ANWR+CCW	8			-
2 outliers removed			2 9		<b>-</b>	·
Trend Slope as % of Avg =	1.41%		Count Total	<b></b>		
Regression Statistics		-	3			
Multiple R	0.21		+			1
R Square	0,04		2 <del>  , , , , , ,</del> 56 60 64	68 72	76 80 84 4	++++
Adjusted R Square	0.01		00 00 04	ີ ' <sup>2</sup> Yເ	5 <b>51</b> ∖a 00 04 0	BO 92
Standard Error Observations	1.97 29.00					
	20.00					
Analysis of Variance	df	Sum of Squares		F	Significance F	
Regression	1.00	4.65	4.65	1.20	0.28	
Residual Total	27.00 28,00	105.14 109.79	3.89			
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Au 8	0.00	2.04	0.40	0.00	7 4 4	
intercept x1	-0.32 0.05	3,31 0.04	-0.10 1.09	0.92 0.28	-7.11 -0.04	6.47 0.13
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	2.63	-1.63	-0.83		1.72	1
2	2.58	-1.58	-0.80		5.17	1
3	3.32	-2.32	-1.18		8.62	1
4	3.09	-2.09	-1.06		12.07	1
5	2.68	-1,68	-0.85		15.52	1
6	3.87	-1.87	-0.95		18,97	2
7	3.64	-1.64	-0.83		22.41	2
8 9	2.91 3.23	-0.91 -1.23	-0.46 -0.62		25.86 29.31	2 2
10	3.41	-1.41	-0.52		32.76	2
11	3.37	-1.37	-0.69		36,21	2
12	2.82	-0.82	-0.41		39.66	
13	3.60	-1.60	-0.81		43.10	2 2
14	3.18	-0.18	-0.09		46.55	3
15	2.77	0.23	0.12		50.00	3
16	3.97	-0.97	-0.49		53. <b>4</b> 5	3
17 18	3.46 3.28	-0.46 -0.28	-0.23 -0.14		56.90 60.34	3 3
18	3.28 3.14	-0.28 0.86	-0.14 0.44		63.79	3 4
20	3.74	0.88	0.44		67.24	4
20	3.92	0.08	0.04		70,69	4
22	3.51	0.49	0.25		74.14	4
23	3.05	1.95	0.99		77.59	5
24	3.69	1.31	0.66		81.03	5
25	3.00	2.00	1.01		84.48	5
26	3.55	2,45	1.24		87.93	6
27	2.95	3.05 5.14	1.54		91.38 94.83	6
28 29	2.86 3.74	5,14 4.26	2.60 2.16		94.83 98.28	8 8

## Pauraque

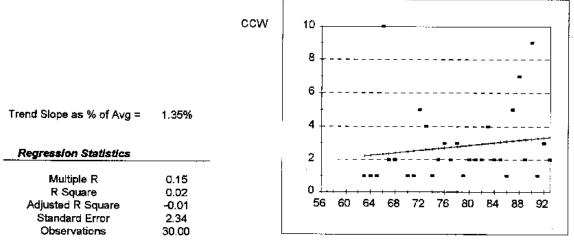


df	Sum of Squares	Mean Square	F	Significance F
1.00	0.00	0.00	0.00	0.97
14.00	23.44	1.67		
15.00	23,44			
	1.00 14.00	1.00 0.00 14.00 23.44	1.00 0.00 0.00 14.00 23.44 1.67	1.00 0.00 0.00 0.00 14.00 23.44 1.67

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1.59	2.49	0.64	0.53	-3.74	6.93
x1	0.00	0.03	0.04	0.97	-0.07	0.07

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.67	-0.67	-0.52	3.13	1
2	1,67	-0,67	-0.52	9,38	1
3	1.68	-0.68	-0.52	15.63	1
4	1.66	-0,66	-0.51	21.88	1
5	1.68	-0.68	-0.53	28.13	1
6	1.70	-0.70	-0.54	34.38	1
7	1.70	-0.70	-0.54	40.63	1
8	1.70	-0,70	-0.54	46.88	1
9	1.69	-0.69	-0.53	53,13	1
10	1.70	-0.70	-0.54	59,38	1
11	1.69	-0.69	-0.54	65.63	1
12	1.68	0.32	0.25	71.88	2
13	1.70	0.30	0.23	78.13	2
14	1.70	1.30	1.01	84.38	3
15	1.69	2.31	1.78	90.63	4
16	1.68	3.32	2.57	96.88	5

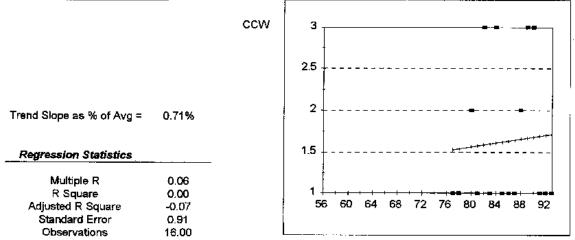
## Pauraque



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	3.44	3.44	0.63	0.43	•
Residual	28.00	153.36	5.48			
Total	29.00	156.80				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-0.17	3.77	-0.04	0.96	-7.88	7.65
x1	0.04	0.05	0.79	0.43	-0.06	0.14

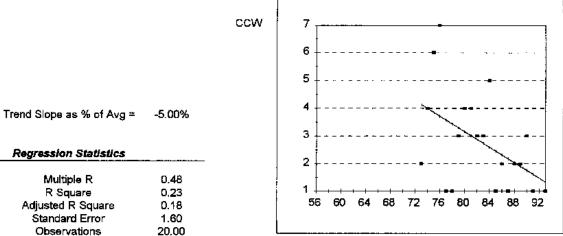
Observations	Predicted Y	Residuais	Stdzd Residuals	Percentile	у
1	2.52	-1.52	-0.65	1.67	1
2	2.49	-1.49	-0.63	5.00	1
З	3.28	-2.28	-0.97	8.33	1
4	2.83	-1.83	-0.78	11.67	1
5	3.09	-2.09	-0.89	15.00	1
6	2.64	-1.64	-0.70	18.33	1
7	2.30	-1.30	-0.55	21.67	1
8	2.22	-1.22	-0.52	25.00	1
9	2.26	-1.26	-0.54	28.33	1
10	2.86	-0.86	-0.37	31,67	2
11	3.05	-1.05	-0.45	35.00	2 2 2
12	3.02	-1.02	-0.43	38,33	2
13	2.90	-0.90	-0.39	41.67	2
14	2.94	-0.94	-0.40	45.00	2 2
15	3.36	-1.36	-0.58	48.33	2
16	2.37	-0.37	-0.16	51.67	2
17	2.41	-0.41	-0.18	55.00	2 2 2
18	3.21	-1.21	-0.52	58.33	
19	2.75	-0.75	-0.32	61.67	2
20	2.67	-0.67	-0.29	65.00	2
21	3.32	-0.32	-0.14	68.33	3
22	2.71	0.29	0.12	71,67	3
23	2.79	0.21	0.09	75.00	з
24	2.98	1.02	0.44	78.33	4
25	2,60	1.40	0.60	81.67	4
26	3.13	1.87	0.80	85.00	5
27	2.56	2.44	1.04	88.33	5
28	3.17	3.83	1.64	91.67	7
29	3.24	5.76	2.46	95.00	9
30	2.33	7.67	3.28	98.33	10

## **Buff-bellied Hummingbird**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.05	0.05	0.06	0.81	
Residual	14,00	11.70	0.84			
Total	15.00	11.75				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.64	4.07	0.16	0.88	-8.08	9.36
×1	0.01	0.05	0.24	0.81	-0.09	0.11
Observations	Predicted Y	Residuals	Stdzd Residuejs		Percentile	y
1	1.64	-0.64	-0.70		3.13	1
2	1.62	-0.62	-0.68		9.38	1
3	1.63	-0.63	-0.69		15.63	1
4	1.71	-0.71	-0.78		21.88	1
5	1.70	-0.70	-0.77		28.13	1
6	1.69	-0.69	-0.75		34.38	1
7	1.54	-0.54	-0.59		40.63	1
8	1.57	-0.57	-0.63		46.88	1
9	1.53	-0.53	-0.58		53.13	1
10	1.60	-0.60	-0.65		59.38	1
11	1. <del>5</del> 6	0.44	0.48		65.63	2
12	1.66	0.34	0.38		71.88	2
13	1,59	1.41	1.55		78.13	3
14	1.61	1.39	1.52		84.38	з
15	1.68	1.32	1.45		90.63	3
16	1.67	1.33	1.46		96.88	3

## **Rufous Hummingbird**

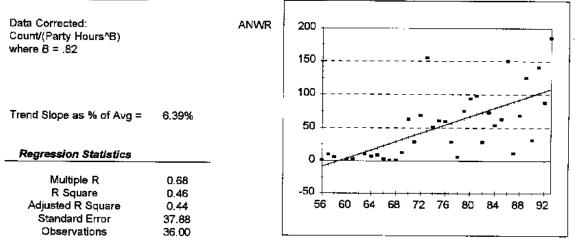


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	13.40	13.40	5.27	0.03	•
Residual	18.00	45.80	2.54			
Tota!	19.00	59.20				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficient 14.35	Standard Error	t Statistic 2.84	<i>P-value</i> 0.01	Lower 95.00%	Upper 95.00% 24.94

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	У
1	2.18	-1.18	-0.74	2.50	1
2	2.46	-1.46	-0.91	7.50	1
3	1,34	-0.34	-0.21	12.50	1
4	1.62	-0.62	-0.39	17.50	1
5	3.44	-2.44	-1,53	22.50	1
6	3.58	-2.58	-1.62	27.50	1
7	2.32	-0.32	-0.20	32.50	2
8	2.04	-0.04	-0.02	37.50	2
9	4.14	-2.14	-1.34	42.50	2
10	1.90	0.10	0.06	47.50	2
11	2.88	0.12	0.08	52,50	з
12	1.76	1.24	0.78	57.50	з
13	3.30	-0.30	-0.19	62.50	з
14	2.74	0.26	0.16	67.50	3
15	4.00	0.00	0.00	72.50	4
16	3.16	0.84	0.53	77.50	4
17	3.02	0.98	0.62	82.50	4
18	2.60	2.40	1.51	87.50	5
19	3.86	2.14	1.34	92.50	6
20	3.72	3.28	2.06	97.50	7

Ruby-crowned Kinglet	
Data Corrected: ANWR+CCW 12	
Count/(Party Hours)^B	
where B = .78	
10	
<u>n</u>	
Trend Slope as % of Avg = 4.12%	•
Trend Slope as % of Avg = 4.12%	•
0	•
Regression Statistics	
	•
Multiple R 0.64	
R Square 0.41 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	8 92
Adjusted R Square 0.39	
Standard Error 2.04	
Observations 31.00	
Analysis of Variance	
df Sum of Squares Mean Square F Significance F	
Regression 1.00 84.71 84.71 20.36 0.00	
Residual 29.00 120.66 4.16	
Total 30.00 205.38	
Coefficient Standard Error t Statistic P-value Lower 95.00% L	Upper 95.00
Intercept -9.93 3.22 -3.09 0.00 -16.51	-3.36
x1 0.18 0.04 4.51 0.00 0.10	0.27
Observations Predicted Y Residuals Stdzd Residuals Percentile	y
1 1.89 -1.42 -0.69 1.61	
	Ō
2 2.08 -1.35 -0.66 4.84	
	Ö
2       2.08       -1.35       -0.66       4.84         3       2.45       -1.40       -0.69       8.06         4       2.82       -1.39       -0.68       11.29	0 1
2       2.08       -1.35       -0.66       4.84         3       2.45       -1.40       -0.69       8.06         4       2.82       -1.39       -0.68       11.29         5       2.26       -0.60       -0.29       14.52	0 1 1 1
2       2.08       -1.35       -0.66       4.84         3       2.45       -1.40       -0.69       8.06         4       2.82       -1.39       -0.68       11.29         5       2.26       -0.60       -0.29       14.52	0 1 1 1 2
2       2.08       -1.35       -0.66       4.84         3       2.45       -1.40       -0.69       8.06         4       2.82       -1.39       -0.68       11.29         5       2.26       -0.60       -0.29       14.52         6       4.48       -2.80       -1.37       17.74	0 1 1 1 2 2
2         2.08         -1.35         -0.66         4.84           3         2.45         -1.40         -0.69         8.06           4         2.82         -1.39         -0.68         11.29           5         2.26         -0.60         -0.29         14.52           6         4.48         -2.80         -1.37         17.74           7         3.74         -1.93         -0.95         20.97	0 1 1 2 2 2
2         2.08         -1.35         -0.66         4.84           3         2.45         -1.40         -0.69         8.06           4         2.82         -1.39         -0.68         11.29           5         2.26         -0.60         -0.29         14.52           6         4.48         -2.80         -1.37         17.74           7         3.74         -1.93         -0.95         20.97           8         1.71         0.54         0.26         24.19	0 1 1 2 2 2 2
2         2.08         -1.35         -0.66         4.84           3         2.45         -1.40         -0.69         8.06           4         2.82         -1.39         -0.68         11.29           5         2.26         -0.60         -0.29         14.52           6         4.48         -2.80         -1.37         17.74           7         3.74         -1.93         -0.95         20.97           8         1.71         0.54         0.26         24.19           9         3.19         -0.40         -0.20         27.42	0 1 1 2 2 2 3
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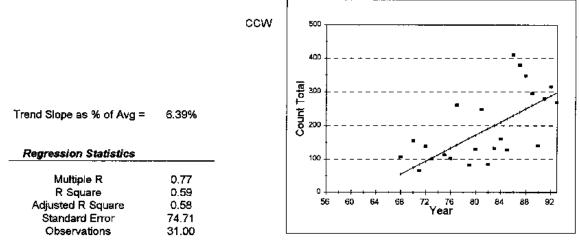
## **Ruby-crowned Kinglet**



	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	41337.18	41337.18	28.81	0.00	_
Residual	34.00	48777.13	1434.62			
Total	35.00	90114.31				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-185.41	44.70	-4,15	0.00	-276,25	-94.56
x1	3.16	0.59	5.37	0.00	1.96	4.35

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	29.17	-28.17	-0.74	1.39	1
2	-8.69	9.69	0.26	4.17	1
3	26.02	-25.02	-0.66	6.94	1
4	3.93	-1.93	-0.05	9.72	2
5	22,86	-19.86	-0.52	12.50	3
6	7.08	-4.08	-0.11	15.28	3
7	-2.38	8.38	0.22	18.06	6
8	60.73	-54.73	-1,44	20.83	6
9	16.55	-9.55	-0.25	23.61	7
10	19.71	-10,71	-0.28	26.39	9
11	-5.54	15.54	0.41	29.17	10
12	13.40	-3.40	-0.09	31.94	10
13	89.13	-77.13	-2.04	34.72	12
14	32.33	-19.33	-0.51	37.50	13
15	57.57	-28.57	-0.75	40.28	29
16	73.35	-44.35	-1.17	43.06	29
17	38.64	-9.64	-0.25	45.83	29
18	98,60	-66,60	-1.76	48.61	32
19	48.11	2.89	0.08	51.39	51
20	79. <del>6</del> 6	-25.66	-0.68	54.17	54
21	54.42	5.58	0.15	56.94	60
22	51.26	9.74	0.26	59.72	61
23	82.82	-19.82	-0.52	62.50	63
24	35.48	27.52	0.73	65,28	63
25	41.80	27.20	0.72	68.06	69
26	92.29	-23.29	-0,61	70.83	69
27	76.51	-3.51	-0.09	73.61	73
28	63.88	11.12	0.29	76.39	75
29	104.91	-16.91	-0.45	79.17	88
30	67.04	26.96	0.71	81.94	94
31	70.20	27.80	0.73	84.72	98
32	95.44	29.56	0.78	87.50	125
33	101.75	39.25	1.04	90.28	141
34	85.97	64.03	1.69	93.06	150
35	44.95	110.05	2.91	95.83	155
36	108.06	76,94	2.03	98.61	185

# Ruby-crowned Kinglet

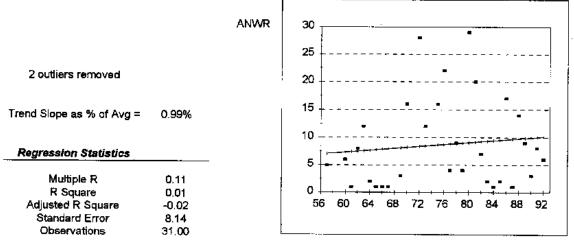


#### Analysis of Variance

Manysis of Variance	d7	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	234139.28	234139.28	41.95	0.00	-
Residual	29.00	161875.43	5581.91			
Total	30.00	396014.71				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-605.79	117.79	-5.14	0.00	-846.69	-364.89
x1	9.72	1.50	6.48	0.00	6.65	12.78
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	16.07	1.93	0.03		1.61	18
2	25.78	-2.78	-0.04		4.84	23
3	6.35	19.65	0.26		8.06	26
4	64.65	-33.65	-0.45		11.29	31
5	45.21	-12.21	-0.16		14.52	33
6	113.23	-78.23	-1.05		17.74	35
7	35.50	-0.50	-0.01		20.97	35
8	<b>152</b> .10	-87.10	-1.17		24.19	65
9	84.08	-19.08	-0.26		27.42	65
10	161.81	-79.81	-1.07		30.65	82
11	190.96	-105.96	-1.42		33,87	85
12	103,51	-2.51	-0.03		37.10	101
13	132.66	-29.66	-0. <b>40</b>		40.32	103
14	54.93	52.07	0.70		43.55	107
15	122.95	-9.95	-0.13		46,77	113
16	220.11	<b>-91</b> .11	-1.22		50,00	129
17	171.53	-40.53	-0.54		53.23	131
18	200.68	-67.68	-0.91		56,45	133
19	93.80	45.20	0.61		59.6 <b>8</b>	139
20	268.70	-127.70	-1.71		62.90	141
21	74,36	BQ.64	1.08		66.13	155
22	210.40	-50.40	-0.67		69.35	160
23	181.25	66.75	0.89		72.58	248
24	142.38	118.62	1.59		75.81	261
25	297,84	-28.84	-0.39		79.03	269
26	278.41	1.59	0.02		82.26	280
27	258. <del>9</del> 8	37.02	0.50		85.48	2 <del>9</del> 6
28	288.13	26.87	0.36		88.71	315
29	249.26	97.74	1.31		91.94	347
30	239.55	139.45	1.87		95.16	379
31	229,83	180.17	2.41		98.39	410

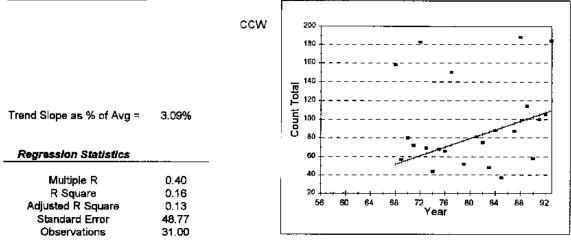
Blue-gray Gnatcatch	<u>al</u>	Г			· · · · · · · · · · · · · · · · · · ·	
)ata Corrected: Nutrt//Party Hours\AR		ANWR+CCW	2.2			]
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outliers removed			<u>n</u> 16			
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rend Slope as % of Avg =	1.65%					
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Regression Statistics		-	1 +			
Multiple R	0.33		0.8			
R Square	0.11		0.6	68 72	76 80 84	<del></del>
Adjusted R Square Standard Error	0.08 0.48			Ĩ Ye	ear	JU 52
Observations	28.00	l				
Analysis of Variance	đf	Sum of Square	es Mean Square	F	Significance F	Ŧ
Regression	1.00	0.73	0.73	3.20	0.09	<del></del>
Residual Total	26.00 27.00	5.91 6.64	0.23			
10(3)						
	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-0.32	0.78	-0.41	0.68	-1.93	1.29
x1	0.02	0.01	1.79	0.08	-0.00	0.04
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	У
1	0.81	-0.57	-1,19		1.79	Ô
2 3	0.83 0.85	-0.58 -0.40	-1.22 -0.84		5.36 8.93	0
4	0.86	-0.39	-0.82		12.50	0
5	1.20	-0.69	-1.44		16.07	1
6	1.18	-0.56	-1.18		19.64	1
7 8	1.06 1.15	-0.37 -0.39	-0.77		23.21 26.79	1
9	1.15	-0.59	-0.82 -1.07		26.79 30.36	1
10	1.08	-0.26	-0.55		33.93	1
11	0.79	0.05	0.11		37.50	1
12	1.09	-0.09	-0.20		41.07	1
13	1.29	-0.28	-0.59		44,64	1
14 15	1.11	0.00	0.00		48.21	1
16	1.22 0,97	-0.09 0.17	-0.19 0.36		51.79 55.36	1
17	1.00	0.15	0.32		58.93	1
18	0.99	D.19	0.40		62.50	1
19	1.16	0.05	0.10		66.07	1
20	1,25	0.06	0.13		69.64	1
21	0.90	0.47	0.99		73.21	1
22 23	1.13 1.31	0.27 0.15	0.56 0.31		76.79 80,36	1 1
23	0.93	0.55	1.16		83.93	1
25	1.02	0.55	1,15		87.50	
26	1.23	0.51	1.07		91.07	2 2 2
27	1.32	0.73	1.53		94.64	2
28	0.92	1.28	2.68		98.21	2

# Blue-gray Gnatcatcher



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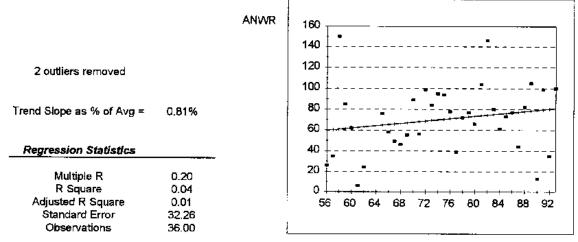
## Blue-gray Gnatcatcher



Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	13225.21	13225.21	5.56	0.03	-
Residual	29.00	68966.72	2378.16			
Total	30.00	82191.94				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-105.38	76.88	-1.37	0.18	-262.62	51.86
x1	2.31	0.98	2.36	0.03	0.31	4.31
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	40.10	-34.10	-0.70		1.61	6
2	47.03	-34.03	-0.70		4,84	13
3	44.72	-29.72	-0,61		8.06	15
4	42.41	-25.41	-0.52		11.29	17
5	93.22	-73.22	-1.50		14.52	20
6	49.34	-28.34	-0.58		17.74	21
7	79.36	-52.36	-1.07		20.97	27
8	74,74	-40.74	-0.84		24.19	34
9	90.91	-53,91	-1.11		27.42	37
10	65.50	-21,50	-0.44		30.65	44
11	86.29	-38.29	-0.79		33.87	48
12	77.05	-25.05	-0.51		37,10	52
13	53.96	3.04	0.06		40.32	57
14	102.45	-44.45	-0.91		43.55	58
15	70.12	-4.12	-0.08		46.77	66
16	67.81	0.19	0.00		50.00	68
17	63.20	5.80	0.12		53.23	69
18	58.58	13.42	0.28		56.45	72
19	83.98	-8.98	-0.18		59.68	75
20	56.27	23.73	0.49		62.90	80
21	81.67	-0.67	-0.01		66.13	81
22	95.53	-8.53	-0.17		69.35	87
23	88.60	-0.60	-0.01		72.58	88
24	104,76	-4,76	-0.10		75.81	100
25	107.07	-2.07	-0.04		79.03	105
26	100.14	13.86	0.28		82.26	114
27	72.43	77.57	1,59		85.48	150
28	51.65	106.35	2.18		88.71	158
29	60.89	122.11	2.50		91,94	183
30	109.38	74.62	1.53		95.16	184
31	97.83	90.17	1.85		98.39	188

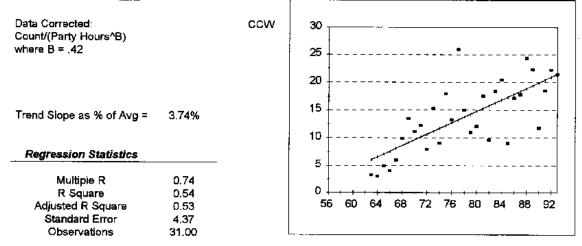
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			3.00	0.08	
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28.00	62.74				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
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					8.05
0.06	0.03	1.75	0.09	-0.01	0.12
Predicted Y				Percentile	<u> </u>
					4
		-1.57		5.17	4
6.46	-2.00	-1.39		8.62	4
	-0.75	-0.52			6
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				29.31	6
7.69	-1.06	-0.74		32.76	7
6.85	-0.12	-0.08			7
6.80					7
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7.19	0.49	0.34		60.34	8
				63,79	8
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7.80	1.27	D.88		87.93	9
7.13	1.99	1.37		91.38	9
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	0.32 0.10 0.07 1.45 29.00 <i>cff</i> 1.00 27.00 28.00 <i>Coefficient</i> 2.82 0.06 <i>Predicted Y</i> 7.86 6.57 6.46 6.57 6.46 6.52 7.58 7.24 6.96 6.63 7.30 7.69 6.85 6.80 6.91 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.92 7.64 7.97 7.19 6.68 7.36 7.52 7.02 7.52 7.02 7.47 7.75 6.74 7.80	0.32         0.10           0.07         1.45           29.00         6.36           27.00         56.38           28.00         62.74           Coefficient         Standard Error           2.82         2.55           0.06         0.03           Predicted Y         Residuals           7.86         -4.15           6.57         -2.27           6.46         -2.00           6.52         -0.75           7.58         -1.66           7.24         -1.11           6.96         -0.03           Predicted Y         Residuals           7.86         -4.15           6.57         -2.27           6.46         -2.00           6.52         -0.75           7.58         -1.66           7.24         -1.11           6.96         -0.12           6.80         0.28           6.91         0.26           7.92         -0.68           7.64         -0.15           7.08         0.42           7.97         -0.35           7.19         0.49           6.68 <td>0.77%       6         0.32          0.10          0.77%       4         0.32          0.10          0.07          1.45          29.00       6.36         27.00       56.38         20.00       62.74         <b>Coefficient Standard Error I Statistic</b>         2.82       2.55       1.11         0.06       0.03       1.75         Predicted Y       Residuals       Stdzd Residuals         7.86       -4.15       -2.87         6.57       -2.27       -1.57         6.46       -2.00       -1.39         6.52       -0.75       -0.62         7.68       -1.66       -1.15         7.24       -1.11       -0.77         6.96       -0.65       -0.45         6.63       -0.17       -0.12         7.30       -0.81       -0.56         7.69       -1.06       -0.74         6.85       -0.12       -0.08         6.80       0.28       0.20         6.91       0.26       0.18</td> <td>0.77%       6         0.32          0.32          0.10          0.07          1.45          29.00          Coefficient       Standard Error       t Statistic       P-value         2.82       2.55       1.11       0.28         0.06       0.03       1.75       0.09         Predicted Y Residuals Stdzd Residuals         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -1.15       -1.15         7.24       -1.11       -0.77         6.85       -0.12       -0.08         6.80       0.28       0.20         6.81       -0.12       -0.08         6.80       0.28       0.20         6.81       -0.12       -0.08</td> <td>0.77%         6         5         6         6         6         5         6         7         7         6         6         7         7         7         7         8</td>	0.77%       6         0.32          0.10          0.77%       4         0.32          0.10          0.07          1.45          29.00       6.36         27.00       56.38         20.00       62.74 <b>Coefficient Standard Error I Statistic</b> 2.82       2.55       1.11         0.06       0.03       1.75         Predicted Y       Residuals       Stdzd Residuals         7.86       -4.15       -2.87         6.57       -2.27       -1.57         6.46       -2.00       -1.39         6.52       -0.75       -0.62         7.68       -1.66       -1.15         7.24       -1.11       -0.77         6.96       -0.65       -0.45         6.63       -0.17       -0.12         7.30       -0.81       -0.56         7.69       -1.06       -0.74         6.85       -0.12       -0.08         6.80       0.28       0.20         6.91       0.26       0.18	0.77%       6         0.32          0.32          0.10          0.07          1.45          29.00          Coefficient       Standard Error       t Statistic       P-value         2.82       2.55       1.11       0.28         0.06       0.03       1.75       0.09         Predicted Y Residuals Stdzd Residuals         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -4.15       -2.87         6.52       -0.75       -0.62         7.86       -1.15       -1.15         7.24       -1.11       -0.77         6.85       -0.12       -0.08         6.80       0.28       0.20         6.81       -0.12       -0.08         6.80       0.28       0.20         6.81       -0.12       -0.08	0.77%         6         5         6         6         6         5         6         7         7         6         6         7         7         7         7         8

# Loggerhead Shrike



alysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1406.10	1406.10	1.35	0.25	-
Residual	34.00	35386.79	1040.79			
Total	35.00	36792.89				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	27.67	37.28	0.74	0.46	-48.10	103.44
x1	0.57	0.49	1.16	0.25	-0.43	1,57
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	У
1	62.50	-56.50	-1.75		1.39	6
2	79.06	-66.06	-2.05		4.17	13
3	63.07	-39.07	-1.21		6.94	24
4	59.64	-33.64	-1.04		9.72	26
5	60.22	-25.22	-0.78		12.50	35
6	80,20	-45.20	-1.40		15,28	35
7	71.63	-32.63	-1.01		18.06	39
8	77.34	-33.34	-1.03		20.83	44
9	66.50	-20.50	-0.64		23.61	46
10	65.92	-16.92	-0.52		26.39	49
11	67.07	-12.07	-0.37		29.17	55
12	68.21	-12.21	-0.38		31.94	56
13	65.35	-7.35	-0.23		34.72	58
14	75. <b>63</b>	-14.63	-0.45		37.50	61
15	61. <del>9</del> 3	0.07	0.00		40.28	62
16	73.35	-7.35	-0.23		43.06	66
17	72.20	-0.20	-0.01		45.83	72
18	76.20	-3.20	-0.10		48.61	73
19	64.78	11.22	0.35		51.39	76
20	76.77	0.23	0.01		54.17	77
21	72.78	4.22	0,13		56.94	77
22	71.06	6.94	0.22		59.72	78
23	75.06	4.94	0.15		62.50	80
24	77.91	4.09	0,13		65.28	82
25	69.35	14.65	0.45		68.06	84
26	61.36	23.64	0.73		70.83	85
27	67.64	21,36	0.66		73.61	89
28	70.49	23.51	0.73		76.39	94
29	69.92	25.08	0.78		79.17	95
30	79.63	19.37	0.60		81.94	99
31	68.78	30.22	0.94		84.72	99
32	80.77	19.23	0.60		87.50	100
33	73.92	30.08	0.93		90.28	104
34	78.49	26.51	0.82		93.06	105
35	74.49	71.51	2.22		95,83	146
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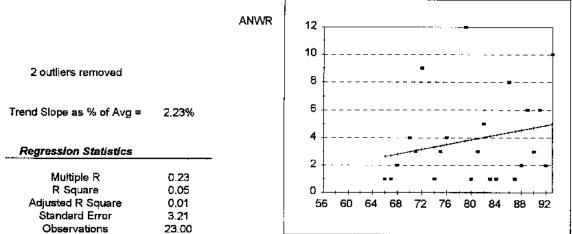
## Loggerhead Shrike



Regression				F	Significance E	
Repression		Sum of Squares 654.05	Mean Square 654.05	34.30	Significance F 0.00	-
Residual	29.00	552.98	19.07	04.00	0.00	
Total	30.00	1207.02	10.01			
	00.00	1201.02				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-26.33	6.88	-3.82	0.00	-40,41	-12.25
x1	0.51	0.09	5.86	0.00	0.33	0,69
<b></b>					_	
Observations	Predicted Y		Stdzd Residuals		Percentile	<u> </u>
1	6.54	-3.56	-0.81		1.61	3
2	6.03	-2.73	-0.62		4.84	3
3	7.57	-3.49	-0.80		8.06	4
4	7.05	-2.17	-0.50		11.29	5
5	8,08	-2.10	-0.48		14.52	6
6	10.65	-2.75	-0.63		17.74	8
7	17.33	-8.34	-1.91		20.97	9
8	11.68	-2.66	-0,61		24.19	9
9	15.79	-6.19	-1.42		27.42	10
10	8.60	1.27	0.29		30,65	10
11	14.24	-3.23	-0.74		33.87	11
12	9.62	1.50	0.34		37.10	11
13	19.89	-8.09	-1.85		40.32	12
14	14.76	-2.68	-0.61		43.55	12
15	10.14	2.08	0,48		46.77	12
16	12.70	0.57	0.13		50.00	13
17	9.11	4.33	0.99		53.23	13
18	13.73	1.27	0.29		56.45	15
19	11,16	4.11	0.94		59.68	15
20	17.84	-0.68	-0.16		62.90	17
21	15.27	2.22	0.51		66.13	17
22	18.35	-0.51	-0.12		69.35	18
23	12.19	5.78	1.32		72.58	18
24	16.30	2.09	0.48		75.81	18
25	20.41	-1.94	-0.44		79.03	18
26	16.81	3.59	0.82		82.26	20
27	21.43	-0.04	-0.01		85.48	21
28	20.92	1.31	0.30		88.71	22
29	19.38	2.89	0.66		91.94	22
30	18.87	5.47	1.25		95.16	24
31	13.22	12.66	2.90		98.39	26

White-eyed Vireo		<b></b>				
		ANWR+CCW	50			
			40 <b>+</b>			•
		:	**			
			<u>u</u> 30			
•			20			
Trend Slope as % of Avg =	5.55%		20			
			Ŭ,			
Regression Statistics		_	10	ر مهر د م		
Multiple R	0.69			and the second sec		
R Square	0.47		o		• • • • • • •	↓
Adjusted R Square	0.45		56 60 64	68 72 Ye	76 80 84 ear	88 92
Standard Error Observations	6.53 30.00					
Observations	30.00	L				
Analysis of Variance		Sum of Course	Moon Cruoro	-	Simultinence F	
Regression		Sum of Squares 1063.46	s Mean Square 1063.46	F 24.94	Significance F 0.00	-
Residual	28.00	1193.74	42.63			
Total	29,00	2257.20				
	Coefficient	Standard Error	t Statistic	P-vaiue	Lower 95.00%	Upper 95.00
Intersent	-41.60	10.88	-3.82	0.00	-63.88	10.90
Intercept x1	0.69	0.14	4.99	0.00	-03.00 0.41	-19.32 0,97
					0.11	2,01
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	у
1	3.11	-2.11	-0.32		1.67	<u> </u>
2	4.49	-3.49	-0.53		5.00	1
3 4	3.80 2.43	-1.80 -0.43	-0.28 -0.07		8.33 11.67	2 2
5	9.30	-6.30	-0.97		15,00	3
6	5.1B	-0.18	-0.03		18.33	5
7	16.18	-10,18	-1.56		21.67	6
8	13.43	-7.43	-1.14		25.00	6
9 10	5.87 14,12	0.13 -6.12	0.02 -0.94		28.33 31.67	6 8
11	10.68	-1.68	-0.34		35.00	e e
12	6.55	2.45	0.37		38.33	9
13	20.31	-10.31	-1.58		41.67	10
14	7.24	2.76	0.42		45.00	10
15	11.37	-0.37	-0.06		48.33	11
16	9. <b>9</b> 9	2.01	0.31		51.67	12
17	18.25	-6.25	-0.96		55.00	12
18	12.06	0.94	0.14		58.33	13
19	15.50	-1.50	-0.23		61.67	14
20	12.74	3.26	0.50		65.00	16 17
21 22	21.00 18.93	-4,00 -1.93	-0.61 -0.30		68.33 71.67	17 17
22 23	14.81	2.19	-0.30		75.00	17
23	16,87	1.13	0.17		78.33	18
25	7.93	11.07	1.70		B1.67	19
26	8.62	10.38	1,59		85.00	19
27	21.69	-1.69	-0,26		88.33	20
28	17,56	4.44	0.68		91.67	22
29	19.62	3.38	0.52		95.00	23
30	22.37	21.63	3.31		98.33	44

## White-eyed Vireo



undiana or antiduce						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	12.15	12.15	1.18	0.29	-
Residual	21.00	216,46	10.31			
Total	22.00	<b>228</b> .61				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-3.06	6.42	-0.48	0.64	-16.41	10.29
x1	0.09	0.08	1.09	0.29	-0.08	0.25

<b>Observations</b>	Predicted Y	Residuais	Stdzd Residuals	Percentile	у
1	2.64	-1.64	-0.51	2.17	1
2	2.73	-1.73	-0.54	6,52	1
3	4.11	-3.11	-0.97	10.87	1
4	3.34	-2.34	-0,73	15.22	1
5	3.85	-2.85	-0.89	19,57	1
6	4.20	-3.20	-1.00	23.91	1
7	4.46	-3.46	-1.08	28.26	1
8	4.55	-2.55	-0.79	32.61	2
9	2.82	-0.82	-0,25	36.96	2
10	4.89	-2,89	-0.90	41,30	2
11	3.94	-0.94	-0,29	45.65	3
12	3.08	-0.08	-0.02	50.00	3
13	4.72	-1.72	-0.54	54,35	3
14	3.42	-0.42	-0.13	58.70	3
15	3.51	0.49	0.15	63.04	4
16	2.99	1.01	0.31	67.39	4
17	4.03	0.97	0.30	71.74	5
18	4.81	1.19	0.37	76.09	6
19	4.63	1.37	0.43	80.43	6
20	4.37	3.63	1.13	84.78	8
21	3.16	5.84	1.82	89.13	9
22	4.98	5.02	1.56	93.48	1D
23	3.77	8.23	2.56	97.83	12

## White-eyed Vireo

Data Corrected: ccw з Count/(Party Hours^B) where B = .51 2.5 2 1,5 Trend Slope as % of Avg = 5.16% 1 **Regression Statistics** 0.5 Multiple R 0.60 Ľ., . . R Square Adjusted R Square Standard Error 0 0.36 ----56 60 64 68 72 76 80 84 88 92 0.33 0.51 Observations 29.00

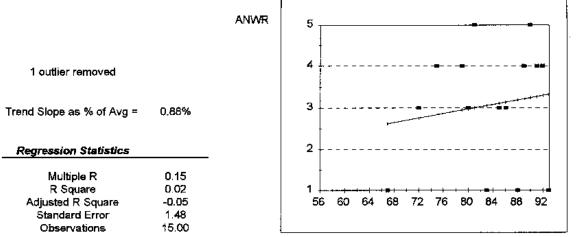
4

df	Sum of Squares	Mean Square	F	Significance F	:
1.00	3.95	3.95	15.06	0.00	~
27.00	7.08	0.26			
28.00	1 <b>1.04</b>				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-2.52	0.88	-2.85	0.01	-4.33	-0.70
	1.00 27.00 28.00 <b>Coefficient</b>	1.00         3.95           27.00         7.08           28.00         11.04           Coefficient         Standard Error	1.00         3.95         3.95           27.00         7.08         0.26           28.00         11.04           Coefficient Standard Error t Statistic	1.00         3.95         3.95         15.06           27.00         7.08         0.26         28.00         11.04           Coefficient         Standard Error         t Statistic         P-value	1.00         3.95         3.95         15.06         0.00           27.00         7.08         0.26         28.00         11.04           Coefficient         Standard Error         t Statistic         P-value         Lower 95.00%

Obse	ervations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
	1	0.29	-0.14	-0.28	1.72	Ó
	2	0.34	-0.16	-0.32	5.17	o
	3	0.25	-0.06	-0.13	8.62	0
	4	1.16	-0.94	-1.84	12.07	0
	5	0.68	-0.46	-0.90	15.52	0
	6	0.64	-0.40	-0.78	18.97	0
	7	0.42	-0.02	-0.03	22.41	Q
	8	0.90	-0.45	-0.87	25.86	0
	9	0.99	-0.53	-1.03	29.31	0
	10	1.12	-0.62	-1.21	32.76	0
	11	0.77	-0.13	-0.25	36,21	1
	12	1.38	-0.73	-1.43	39.66	1
	13	0.94	-0,28	-0.55	43.10	1
	14	0.51	0.16	0.32	46.55	1
	15	0.47	0.28	0.54	50.00	1
	16	0.55	0.27	0.53	53,45	1
	17	1.42	-0.45	-0.87	56,90	1
	18	0.73	0.25	0.48	60.34	1
	19	1.25	-0.22	-0.43	63.79	1
	20	1,29	-0.25	-0.49	67.24	1
	21	0.60	0.49	0.96	70.69	1
	22	0.86	0.54	1.06	74.14	1
	23	1.07	0.34	0.67	77,59	1
	24	1.33	0.21	0.40	81,03	2
	25	1.20	0.37	0.72	84.48	2 2
	26	1.03	0.55	1.07	87.93	2
	27	0.81	0.76	1.49	91.38	2 2
	28	1.46	0.21	0.42	94.83	2
	29	1.51	1.40	2.74	98.28	3

Solitary Vireo						
		ANWR+CCW	18		<b></b>	~ <b></b>
			16		• <b>-</b> •	
			14 +			
			<b>0</b> 12			
						••
rend Slope as % of Avg =	4.32%					
			<sup>8</sup> گ			
Regression Statistics			6			
Multi-Le D	0.62		4		<b>e</b>	
Multiple R R Square	0.82		2		· · · · · · · · · · · · · · · · · · ·	
Adjusted R Square	0.36		56 60 64	68 72 Ye	76 80 84 ear	88 92
Standard Error	2.98					
Observations	28.00	L				-
Analysis of Variance						
	đí	Sum of Squares		F	Significance i	<u> </u>
Regression Residual	1.00 26.00	144.62 231.49	144.62 8.90	16.24	0.00	
Total	26.00	376,11	0,50			
, out		Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.
	obernorene	Cimilar a Error				
					or 76	1.40
Intercept	-14.93	5.27	-2.83	0.01	-25.75 0.13	
Intercept x1	-14.93 0.27	5.27 0.07	-2.83 4.03	0.01 0.00	-25.75 0.13	-4,10 0.40
	0.27 Predicted Y	0.07 <b>Residuais</b>	4.03 Stdzd Residuals	0.00	0.13 Percentile	0.40 V
x1 Observations 1	0.27 <i>Predicted Y</i> 5.87	0.07 <b>Residuais</b> -4.87	4.03 <u>Stdzd Residuals</u> -1.63	0.00	0.13 Percentile 1.79	0.40 y 1
x1 <i>Observations</i> 1 2	0.27 <i>Predicted Y</i> 5.87 2.14	0.07 <u>Residuais</u> -4.87 -1.14	4.03 <i>Stdzd Residuals</i> -1.63 -0.38	0.00	0.13 <i>Percentile</i> 1.79 5.36	0.40 <b>y</b> 1 1
x1 <i>Observations</i> 1 2 3	0.27 <i>Predicted Y</i> 5.87 2.14 4.01	0.07 <u>Residuais</u> -4.87 -1.14 -2.01	4.03 <i>Stdzd Residuals</i> -1.63 -0.38 -0.67	0.00	0.13 <i>Percentile</i> 1.79 5.36 8.93	0.40 y 1 1 2
x1 <i>Observations</i> 1 2 3 4	0.27 <i>Predicted Y</i> 5.87 2.14 4.01 6.94	0.07 <u>Residuais</u> -4.87 -1.14	4.03 <i>Stdzd Residuals</i> -1.63 -0.38	0.00	0.13 <i>Percentile</i> 1.79 5.36	0.40 <u>y</u> 1 1
x1 <i>Observations</i> 1 2 3 4 5	0.27 <i>Predicted Y</i> 5.87 2.14 4.01 6.94 3.74	0.07 <u>Residuais</u> -4.87 -1.14 -2.01 -4.94	4.03 <i>Stdzd Residuals</i> -1.63 -0.38 -0.67 -1.66 -0.25	0.00	0.13 <i>Percentile</i> 1.79 5.36 8.93 12.50	0.40 <u>y</u> 1 1 2 2
x1 <i>Observations</i> 1 2 3 4 5 6	0.27 <i>Predicted Y</i> 5.87 2.14 4.01 6.94	0.07 <u>Residuais</u> -4.87 -1.14 -2.01 -4.94 -0.74	4.03 <i>Stdzd Residuals</i> -1.63 -0.38 -0.67 -1.66	0.00	0.13 <i>Percentile</i> 1.79 5.36 8.93 12.50 16.07	0.40 y 1 1 2 2 3
x1 <i>Observations</i> 1 2 3 4 5 6 7	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21	0.07 <u>Residuais</u> -4.87 -1.14 -2.01 -4.94 -0.74 -0.74 -0.21	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07	0.00	0.13 <i>Percentile</i> 1.79 5.36 8.93 12.50 16.07 19.64	<b>y</b> 1 2 3 3
x1 <i>Observations</i> 1 2 3 4 5 6	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21 3.47	0.07 <u>Residuais</u> -4.87 -1.14 -2.01 -4.94 -0.74 -0.74 -0.21 -0.47	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16	0.00	0.13 <i>Percentile</i> 1.79 5.36 8.93 12.50 16.07 19.64 23.21	0.40 y 1 2 3 3 3 3
x1 <i>Observations</i> 1 2 3 4 5 6 7 8	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.74 -0.21 -0.47 -1.34	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93	0.40 y 1 2 3 3 3 4 4 4
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61	0.07 <u>Residuais</u> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50	0.40 y 1 2 3 3 3 4 4 4 5
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07	0.40 y 1 2 3 3 3 4 4 4 5
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10	0.27 <b>5.87</b> 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64	0.40 y 1 2 3 3 3 4 4 4 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13	0.27 <b>Predicted Y</b> 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	0.27 <b>5.87</b> 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79	0.40 1 1 2 3 3 3 3 4 4 4 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 11 12 13 14 15	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36	0.40 1 1 2 3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93	0.40 1 1 2 3 3 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5 5 5 7 7 7
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27	4.03 <u>Stdzd Residuals</u> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.02 -0.58 -0.02 -0.58 -0.20 -0.18 -0.36 -0.36 -0.00	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64	0.40 1 1 2 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01 9.61	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01 -0.61	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18 -0.36 -0.00 -0.20 -0.20	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79	0.40 1 1 2 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01 9.61 9.87	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01 -0.61 -0.87	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18 -0.36 -0.00 -0.20 -0.29	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21	0.40 1 1 2 3 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01 9.61 9.87 4.54	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01 -0.61 -0.87 4.46	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18 -0.36 -0.00 -0.20 -0.29 1.49	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36	0.40 1 1 2 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01 9.61 9.87 4.54 6.67	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01 -0.61 -0.87 4.46 3.33	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18 -0.36 -0.00 -0.20 -0.29 1.49 1.11	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	0.40 1 1 2 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	0.27 5.87 2.14 4.01 6.94 3.74 3.21 3.47 5.34 5.61 4.27 7.21 6.14 2.94 2.67 5.07 7.74 8.27 6.41 8.54 9.07 8.01 9.61 9.87 4.54	0.07 <b>Residuais</b> -4.87 -1.14 -2.01 -4.94 -0.74 -0.21 -0.47 -1.34 -1.61 -0.27 -2.21 -1.14 2.06 2.33 -0.07 -1.74 -1.27 0.59 -0.54 -1.07 -0.01 -0.61 -0.87 4.46	4.03 <b>Stdzd Residuals</b> -1.63 -0.38 -0.67 -1.66 -0.25 -0.07 -0.16 -0.45 -0.54 -0.09 -0.74 -0.38 0.69 0.78 -0.02 -0.58 -0.02 -0.58 -0.43 0.20 -0.18 -0.36 -0.00 -0.20 -0.29 1.49	0.00	0.13 <b>Percentile</b> 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50	0.40 1 1 2 3 3 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5

# Solitary Vireo

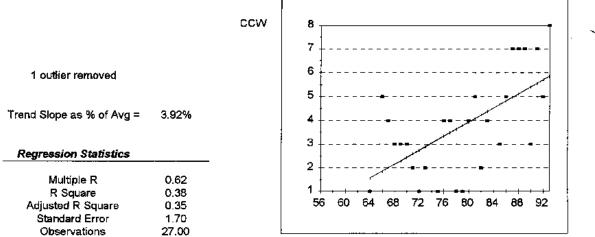


1

		df	Sum of Squares	Mean Square	F	Significance F	
Regn	ession	1.00	0.61	0.61	0.28	0.61	-
Res	idual	13.00	28.32	2,18			
Тс	otal	14.00	28.93				
		Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Inte	rcept	Coefficient	Standard Error 4.28	t Statistic 0.19	<i>P-value</i> 0.85	Lower 95.00%	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	3.06	-2.06	-1.39	3.33	1
2	3.33	-2.33	-1.58	10.00	1
3	2.62	-1.62	-1.10	16.67	1
4	3.19	-2,19	-1.48	23.33	1
5	2.97	0.03	0.02	30.00	3
6	2.76	0.24	0.16	36.67	з
7	3.14	-0.14	-0.09	43.33	3
8	3.11	-0.11	-0.07	50.00	3
9	2.84	1.16	0.79	56.67	4
10	2.95	1.05	0.71	63.33	4
<b>1</b> 1	3.22	0.78	0.53	70.00	4
12	3.27	0.73	0,49	76.67	4
13	3,30	0.70	0.47	83,33	4
14	3.25	1.75	1.19	90.00	5
15	3.00	2.00	1.35	96.67	5

## Solitary Vireo



df	Sum of Squares	Mean Square	F	Significance F	
1.00	44.14	44.14	15.21	0.00	-
25.00	72.53	2.90			
26.00	116,67				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-7.93	3.02	-2.63	0.01	-14.14	-1. <b>71</b>
•	1.00 25.00 26.00 <b>Coefficient</b>	1.00 44.14 25.00 72.53 26.00 116.67 Coefficient Standard Error	1.00       44.14       44.14         25.00       72.53       2.90         26.00       116.67         Coefficient Standard Error t Statistic	1.00         44.14         44.14         15.21           25.00         72.53         2.90           26.00         116.67           Coefficient Standard Error t Statistic P-value	1.00     44.14     44.14     15.21     0.00       25.00     72.53     2.90       26.00     116.67       Coefficient Standard Error t Statistic P-value Lower 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y _
1	3.64	-2.64	-1.55	1.85	1
2	1.56	-0.56	-0.33	5,56	1
3	2.75	-1.75	-1.02	9.26	1
4	3.19	-2.19	-1.29	12.96	1
5	3.78	-2.78	-1.63	16.67	1
6	2.60	-0.60	-0.35	20.37	2
7	2.89	-0.89	-0.52	24.07	2
8	4.23	-2.23	-1.31	27.78	2
9	2.45	0.55	0.32	31.48	3
10	2.15	0.85	0.50	35.19	3
11	5.41	-2.41	-1.42	38.89	3
12	4.67	-1.67	-0.98	42.59	3
13	2.30	0.70	0.41	46.30	3
14	2.00	2,00	1.17	50.00	4
15	3.49	0.51	0.30	53.70	4
16	4.38	-0.38	-0.22	57.41	4
17	3,93	0.07	0.04	61,11	4
18	3.34	0.66	0.39	64.81	4
19	1.86	3.14	1.85	68.52	5
. 20	4.08	0.92	0.54	72.22	5
21	5.71	-0,71	-0.42	75.93	5
22	4.82	0.18	0.11	79.63	5
23	5.12	1,88	1.11	83,33	7
24	4.97	2.03	1.19	87.04	7
25	5,56	1.44	0.84	90.74	7
26	5.27	1.73	1.02	94.44	7
27	5.86	2.14	1.26	98.15	8

		ANWR+CCW	300			
		ANVVR+CCVV	200			<b></b>
						•
			150 +			
rend Slope as % of Avg =	5.49%	1	α 100 100			
	0.1070				and the second second	
Regression Statistics			50			
Negrossion Stadadus		-		and the second s		•
Multiple R	0.73		0			
R Square Adjusted R Square	0.53 0.51	i	56 60 64	66 72		88 92
Standard Error	33.72			Y.	ear	ļ
Observations	31.00					
<b>4 -</b> - <b>4</b> - <b>4</b>						
Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	36852.26	36852.26	32.42	0.00	-
Residual Total	29.00 30.00	32964.58 69816.84	1136.71			
10121						
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-230.48	53.15	-4.34	0.00	-339.19	-121.77
x1	3.85	0.68	5.69	0.00	2.47	5.24
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	12.37	-9.37	-0.28		1.61	3
2	23.94	-13.94	-0.41		4.84	10
3	16.23	-4.23	-0.13		8.06	12
4 5	20.08 27.79	-7.08 -8.79	-0.21 -0.26		11.29 14.52	13 19
6	58.63	-34.63	-0.28 -1.03		14.52	19 24
7	54,77	-28.77	-0.85		20.97	2 <del>4</del> 26
8	97.18	-66.18	-1.96		24.19	31
9	66.34	-33.34	-0.99		27.42	33
10	35.50	-2.50	-0.07		30.65	33
		-70.89	-2.10		33.87	34
11	104.89				37.10	43
11 12	31.65	11.35	0.34			
11 12 13	31.65 101.03	11.35 -43.03	0.34 -1.28		40.32	58
11 12 13 14	31.65 101.03 70,19	11.35 -43.03 -7.19	0.34 -1.28 -0.21		40.32 43.55	63
11 12 13 14 15	31.65 101.03 70,19 74.05	11.35 -43.03 -7.19 -5.05	0.34 -1.28 -0.21 -0.15		40.32 43.55 46.77	63 69
11 12 13 14 15 16	31.65 101.03 70,19 74.05 62.48	11.35 -43.03 -7.19 -5.05 6.52	0.34 -1.28 -0.21 -0.15 0.19		40.32 43.55 46.77 50.00	63 69 69
11 12 13 14 15 16 17	31.65 101.03 70,19 74.05 62.48 85.61	11.35 -43.03 -7.19 -5.05 6.52 -14.61	0.34 -1.28 -0.21 -0.15 0.19 -0.43		40.32 43.55 46.77 50.00 53.23	63 69 69 71
11 12 13 14 15 16 17 18	31.65 101.03 70.19 74.05 62.48 85.61 93.32	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45		40.32 43.55 46.77 50.00 53.23 56.45	63 69 69 71 78
11 12 13 14 15 16 17 18 19	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03		40.32 43.55 46.77 50.00 53.23	63 69 71 78 78
11 12 13 14 15 16 17 18 19 20	31.65 101.03 70.19 74.05 62.48 85.61 93.32	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45		40.32 43.55 46.77 50.00 53.23 56.45 59.68	63 69 69 71 78
11 12 13 14 15 16 17 18 19 20 21 22	31.65 101.03 70.19 74.05 62.48 85.61 93.32 43.21 81.76	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90	63 69 71 78 78 84
11 12 13 14 15 16 17 18 19 20 21 21 22 23	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58	63 69 71 78 78 84 86 88 91
11 12 13 14 15 16 17 18 19 20 21 20 21 22 23 24	31.65 101.03 70.19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81	63 69 71 78 78 84 86 88 91 93
11 12 13 14 15 16 17 18 19 20 21 20 21 22 23 24 25	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03	63 69 71 78 78 84 86 88 91 93 98
11 12 13 14 15 16 17 18 19 20 21 20 21 22 23 24 25 26	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90 120.31	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10 -15.31	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60 -0.45		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26	63 69 71 78 78 84 86 88 91 93 98 105
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90 120.31 116.45	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10 -15.31 -6.45	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60 -0.45 -0.19		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48	63 69 69 71 78 78 84 86 88 91 93 98 105 110
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90 120.31 116.45 124.16	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10 -15.31 -6.45 18.84	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60 -0.45 -0.19 0.56		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48 88.71	63 69 69 71 78 78 84 86 88 91 93 98 105 110 143
11 12 13 14 15 16 17 18 19 20 21 20 21 22 23 24 25 26 27 28 29	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90 120.31 116.45 124.16 112.60	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10 -15.31 -6.45 18.84 36.40	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60 -0.45 -0.19 0.56 1.08		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48 88.71 91.94	63 69 71 78 78 84 86 88 91 93 98 105 110 143 149
11 12 13 14 15 16 17 18 19 20 21 20 21 22 23 24 25 26 27 28	31.65 101.03 70,19 74.05 62.48 85.61 93.32 43.21 81.76 50.92 89.47 39.35 47.06 77.90 120.31 116.45 124.16	11.35 -43.03 -7.19 -5.05 6.52 -14.61 -15.32 34.79 2.24 35.08 -1.47 51.65 45.94 20.10 -15.31 -6.45 18.84	0.34 -1.28 -0.21 -0.15 0.19 -0.43 -0.45 1.03 0.07 1.04 -0.04 1.53 1.36 0.60 -0.45 -0.19 0.56		40.32 43.55 46.77 50.00 53.23 56.45 59.68 62.90 66.13 69.35 72.58 75.81 79.03 82.26 85.48 88.71	63 69 69 71 78 78 84 86 88 91 93 98 105 110 143

## Orange-crowned Warbler

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orange oronnea mar	DICI					
		ANWR	50			
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			40			
2 outliers removed			ł		_	
			30			
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Trend Slope as % of Avg =	3.78%		20			
			20		••••••••••••••••••••••••••••••••••••••	
Regression Statistics			·	-	and the second sec	-
Regression Statistics		.	10 +			•
Multiple R	0.44		· · · · · ·		•	
R Square	0.19		0		• • • • • • • • • • • • • • • • • • • •	
Adjusted R Square	0.16		56 60 64	68 72	76 80 84	88 92
Standard Error	11.57		•			_
Observations	25.00					
Analysis of Variance						
		Sum of Squares		F	Significance F	-
Regression	1.00	740.42	740.42	5.53	0.03	
Residual	23.00	3076.94	133.78			
Total	24.00	3817,36				
		o		<b>•</b> • • • • • • •		
	Coemcient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-30.52	19,84	-1.54	0.14	-71.56	10.53
x1	0.60	0.25	2.35	0.03	0.07	1.12
Observations	Predicted Y	Residuals	Stidad Besidvals		Dessentile	
Observations	3.57	-2.57	Stdzd Residuals -0.22		2.00	<u>y</u> 1
1 2	3.57 10.15	-2.57 -9.15	-0.22		6,00	1
23	8,35	-7.35	-0.64		10.00	1
4	15.53	-12,53	-1.08		14.00	3
5	10.74	-6.74	-0.58		18.00	4
6	13.73	-8.73	-0.76		22.00	5
7	7.75	-1.75	-0.15		26.00	6
8	18.52	-12.52	-1.08		30.00	6
9	19.12	-11.12	-0.96		34.00	8
10	19.72	-10.72	-0.93		38.00	ě
11	20.31	-11.31	-0.98		42.00	9
12	21.51	-10.51	-0.91		46.00	11
13	14.33	-2.33	-0.20		50.00	12
14	22.11	-7.11	-0.61		54.00	15
15	12.54	3.46	0.30		58.00	16
16	16.73	2.27	0.20		62.00	19
17	11.94	8.06	0.70		66.00	20
18	23.90	0.10	0.01		70.00	24
19	20.91	4.09	0.35		74.00	25
20	14 93	10.07	0.87		78.00	25

10.07

14.66

8.70

15.68

16.50

30.86

0.87

1.27

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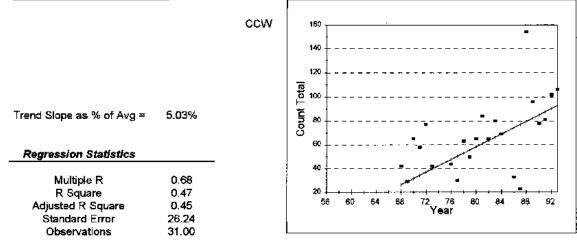
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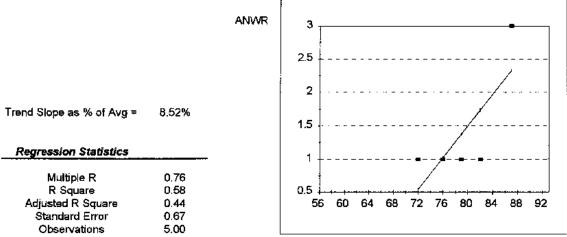
44

# Orange-crowned Warbler



Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	17580.49	17580.49	25.54	0.00	-
Residual	29.00	19965.38	688.46			
Total	30.00	37545.87				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	<del>-154</del> .74	41.37	-3.74	0.00	-239.34	-70.14
x1	2.66	0.53	5.05	0.00	1.58	3.74
×1	2.00	0.00	0,00	0.00	1.50	0.14
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	13.00	-10.00	-0.38		1.61	3
2	15.66	-9.66	-0,37		4.84	6
3	20.99	-10.99	-0.42		8.06	10
4	44.95	-32.95	-1.26		11.29	12
5	18.32	-6.32	-0.24		14.52	12
6	23.65	-4.65	-0.18		17.74	19
7	42.29	-21.29	-0.81		20.97	21
8	71.57	-49.57	-1.89		24.19	22
9	76.90	-53.90	-2.05		27.42	23
10	28.97	0.03	0.00		30.65	29
\$1	50.27	-20.27	-0.77		33.87	30
12	74.24	-41.24	-1.57		37.10	33
13	39.62	2.38	0.09		40.32	42
14	26.31	15. <del>69</del>	0.60		43.55	42
15	47.61	-3.61	-0.14		46.77	44
16	55.60	-5.60	-0.21		50.00	50
17	34.30	23.70	0.90		53.23	58
18	52.94	10, <b>0</b> 6	0.38		56.45	63
19	63,59	1.41	0.05		59.68	65
20	58,26	6.74	0.26		62.90	65
21	31.64	33,36	1.27		66.13	65
22	<b>68</b> .91	0.09	0.00		69,35	69
23	36,96	40.04	1,53		72.58	77
24	84.89	-6.89	-0.26		75.81	78
25	66.25	13,75	0.52		79.03	80
26	87,55	-6.55	-0.25		82.26	81
27	60.92	23.08	0.88		85,48	84
28	82.22	13.78	0.53		88.71	96
29	90.21	11.79	0.45		91.94	102
30	92.87	13.13	0.50		95.16	106
31	79.56	74.44	2.84		98.39	154

# Nashville Warbler

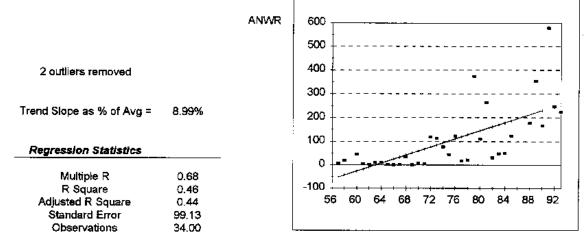


df	Sum of Squares	Mean Square	F	Significance F	
1.00	1.86	1.86	4.17	0.13	-
3.00	1.34	0.45			
4.00	3.20				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-8.05	4.64	-1.74	0.16	-22.80	6.71
0.12	0.06	2.04	D 11	-0.07	0.31
	1.00 3.00 4.00 <i>Coefficient</i> -8.05	1.00 1.86 3.00 1.34 4.00 3.20 <b>Coefficient Standard Error</b> -8.05 4.64	1.00         1.86         1.86           3.00         1.34         0.45           4.00         3.20         3.20           Coefficient Standard Error         t Statistic           -8.05         4.64         -1.74	1.00         1.86         1.86         4.17           3.00         1.34         0.45           4.00         3.20   Coefficient Standard Error t Statistic P-value	1.00         1.86         1.86         4.17         0.13           3.00         1.34         0.45

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.54	0.46	0.69	10.00	1
2	1.73	-0.73	-1.10	30.00	1
3	1.38	-0.38	-0.56	50.00	1
4	1.02	-0.02	-0.03	70.00	1
5	2.33	0.67	1.00	90.00	3

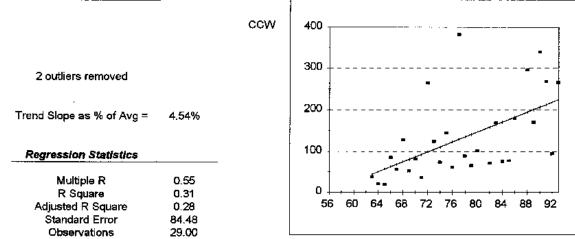
		ANWR+CCW	1000 -	r			
				-			
			800			• • • • • • • • • • • • • • • • • • • •	
outliers removed				-			
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	0.500		Count Total				
rend Slope as % of Avg =	6.52%		JO 400.				· · · ·
			0		-	and the second second	•
Regression Statistics		_	200	<b>-</b>			
Multiple R	0.68					·	
R Square	0.68		Q.		+++++		
Adjusted R Square	0.45		5	6 60 64	68 72	76 80 84 Bar	B8 92
Standard Error	168.38						
Observations	29.00	L				•••	
Analysis of Variance							
	dí	Sum of Squar		an Square	F	Significance F	-
Regression	1.00	673079.73		73079.73	23.74	0.00	
Residual Total	27.00 28.00	765500.96 1438580.69	4	28351.89			
i o tui	<b>#</b> 0.00	1 100000.00					
	Coefficient	Standard Erro	<u>vr t</u>	Statistic	P-value	Lower 95.00%	Upper 95.0
1-4	-1056.26	272.13		-3.88	0.00	-1614.63	-497.89
Intercept x1	17.01	3.49		4.87	0.00	9.85	24.18
		0.10					
<b>.</b>			<b>.</b>			<b>B</b> 41	
Observations 1	Predicted Y 49.68	<b>Residuals</b> -28.68	Stdz	d Residuais -0.17		Percentile 1.72	<b>y</b> 21
2	32.67	-1.67		-0.01		5.17	31
3	151.77	-109.77		-0.65		8.62	42
4	15,65	33.35		0.20		12.07	49
5	117.74	-64.74		-0.38		15.52	53
6 7	83.71 66,70	-24.71 19.30		-0.15 0.11		18.97 22.41	59 <b>8</b> 6
8	134.75	-46,75		-0.28		25.86	88
9	338.93	-236.93		-1.41		29.31	102
10	270.87	-160.87		-0.96		32.76	110
11	372.96	-245.96		-1.46		36.21	127
12	202.81	-51,81		-0.31		39,66	151
13 14	100,73 236.84	61.27 ~52.8 <b>4</b>		0.36 -0.31		43.10 46.55	162 184
15	219,83	-31.83		-0.19		50,00	188
16	389.97	-188.97		-1.12		53.45	201
17	304.90	-92.90		-0.55		56.90	212
18	355.94	-138.94		-0.83		60.34	217
19	185.80 509.07	50.20 -167.07		0.30 -0.99		63.79 67.24	236 342
20 21	509.07 168.78	-167.07 214.22		-0.99 1.27		70.69	383
22	253.86	144.14		0.86		74.14	398
23	287.89	152.11		0.90		77.59	440
24	441.02	31.98		0.19		81.03	473
25	526.09 475.04	-36.09		-0.21 0.18		84.48 87.93	490 505
26 27	475.04 458.03	29.96 65,97		0.18		91.38	505
27 28	492.06	353.94		2.10		94.83	846
29	321.91	524.09		3.11		98,28	846

# Yellow-rumped Warbler



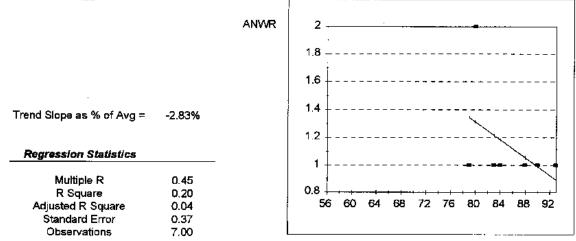
nalysis of vanance						
	df	Sum of Squares		F	Significance F	_
Regression	1,00	268768.78	268768.78	27.35	0.00	-
Residual	32.00	314469.45	9827.17			
Total	33.00	583238.24				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-537.44	123.15	-4.36	0.00	-788.28	-286.60
x1	8,53	1.63	5.23	0.00	5.21	11.85
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	<i>v</i>
1	25.42	-24.42	-0.25		1.47	<u> </u>
2	51.00	-50,00	-0.50		4.41	1
3	16.89	-14.89	-0.15		7,35	2
4	-8.70	11.70	0.12		10.29	3
5	33.94	-30.94	-0.31		13.24	3
õ	68.06	-62.06	-0.63		16.18	6
7	-17.23	23.23	0.23		19.12	ĕ
8	59.53	-52.53	-0.53		22.06	7
9	-51.34	58.34	0.59		25.00	7
10	8.36	1.64	0,02		27.94	10
11	-0.17	11.17	0.11		30.88	11
12	119.22	-103.22	-1.04		33.82	16
13	-42.81	62.81	0.63		36.76	20
14	127.75	-106.75	-1.08		39.71	21
15	161.86	-130.86	-1.32		42.65	31
16	42.47	-8.47	-0.09		45.59	34
17	102.17	-58.17	-0,59		48.53	44
18	-25.75	71,75	0.72		51.47	46
19	170.39	-122.39	-1.23		54.41	48
20	178.92	-127.92	-1.29		57.35	51
21	93.64	-16.64	-0.17		60.29	77
22	1 <b>44</b> .81	-34.81	-0.35		63.24	110
23	85.11	26.89	0.27		66,18	112
24	76.58	42.42	0.43		69.12	119
25	110,70	11,30	0.11		72.06	122
26	187.45	-64.45	-0.65		75.00	123
27	230.09	-65.09	-0.66		77.94	165
28	213.03	-36.03	-0.36		80.88	177
29	255.67	-31.67	-0.32		83.82	224
30	247.14	-0.14	-0.00		86.76	247
31	153.34	110.66	1.12		89.71	264
32	221.56	132.44	1.34		92.65	354
33	136,28	237.72	2.40		95.59	374
34	238.62	339.38	3.42		98.53	578

## Yellow-rumped Warbler



····· <b>/</b> ······	đf	Sum of Squares	Mean Square	F	Significance F	!
Regression	1.00	85729.71	85729.71	12.01	0.00	-
Residual	27.00	192690.98	7136.70			
Total	28.00	278420.69				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-333.06	135.12	-2.46	0.02	-610.31	-55.81
x1	6.00	1.73	3.47	0.00	2.45	9.54
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	56.64	-37.64	-0.45		1.72	19
2	50.65	-29.65	-0.35		5,17	21
3	92.62	-56.62	-0.67		8.62	36
4	44.65	-6.65	-0.08		12.07	38
5	80.63	-28.63	-0.34		15.52	52
6 '	68.63	-12.63	-0.15		18.97	56
7	122.59	-60.59	-0.72		22.41	62
8	140.58	-74.58	-0.88		25.86	66
9	158.57	-87.57	-1.04		29.31	71
10	110.60	-36.60	-0,43		32.76	74
11	170.56	-94.56	-1.12		36.21	76
12	176.55	-98.55	-1.17		39,66	78
13	86.62	-5.62	-0.07		43.10	81
14	62.64	22.36	0.26		46.55	85
15	134.58	-45.58	-0.54		50.00	89
16	218.52	~123.52	-1.46		53.45	95
17	146.58	-44.58	-0.53		56.90	102
18	104.61	19.39	0.23		60.34	124
19	74.63	53.37	0.63		63,79	128
20	116.60	27.40	0.32		67.24	144
21	164.56	4.44	0.05		70.69	169
22	200.53	-30.53	-0.36		74,14	170
23	182.55	-3.55	-0.04		77,59	17 <del>9</del>
24	98.61	165.39	1.96		81.03	264
25	224.52	41.4B	0.49		84.48	266
26	212.52	55.48	0,66		87.93	268
27	194.54	101.46	1.20		91.38	296
28	206.53	133.47	1.58		94.83	340

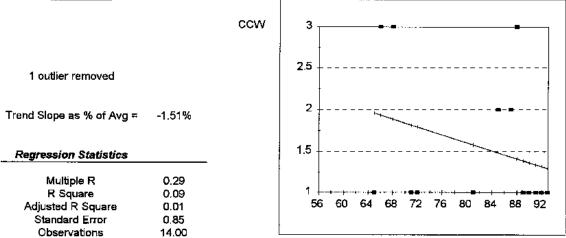
# Palm Warbler



	df	Sum of Squares	Mean Square	F	Significance F	1
Regression	1.00	0.17	0.17	1.25	0.32	-
Residual	5.00	0.69	0.14			
Total	6.00	0.86				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	3.90	2.48	1.58	0.17	-2.46	10.26
x1	-0.03	0.03	-1.12	0.31	-0.11	0.04

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.99	0.01	0.03	7.14	1
2	1.35	-0.35	-0.93	21.43	1
3	0.89	0.11	0.29	35.71	1
4	1.22	-0.22	-0.59	50.00	1
5	1.06	-0.06	-0.15	64.29	1
6	1.18	-0.18	-0.50	78.57	1
7	1.31	0.69	1.85	92.86	2

# <u> Pine Warbler</u>

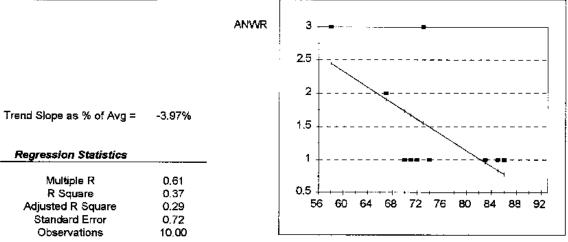


	df	Sum of Squares	Mean Square	F	Significance F
Regression	n <b>1.0</b> 0	0.82	0.82	1.14	0.31
Residual	12.00	8.61	0.72		
Total	13.00	9.43			

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	3.51	1.83	1.92	0.08	-0.48	7.49
x1	-0.02	0.02	-1.07	0.31	-0.07	0.02

<b>Observations</b>	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	1.58	-0.58	-0,68	3.57	1
2	1.82	-0.82	-0.96	10.71	1
3	1.96	~0.96	-1.13	17.86	1
4	1.79	-0.79	-0.94	25.00	1
5	1.29	-0.29	-0.35	32.14	1
6	1.39	-0.39	-0.46	39.29	1
7	1.34	-0.34	-0,40	46.43	1
8	1.32	-0.32	-0.37	53.57	1
9	1.36	-0.36	-0,43	60.71	1
10	1.44	0.56	0.67	67.86	2
11	1.48	0.52	0.61	75.00	2
12	1.41	1.59	1.87	82.14	3
13	1.89	1.11	1.31	89.29	3
14	1.94	1.06	1,26	96.43	3

# **Black-and-white Warbler**



#### Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	2.41	2.41	4.71	0.06
Residual	8.00	4.09	0.51		
Total	9.00	6.50			
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00% Upper 95.00

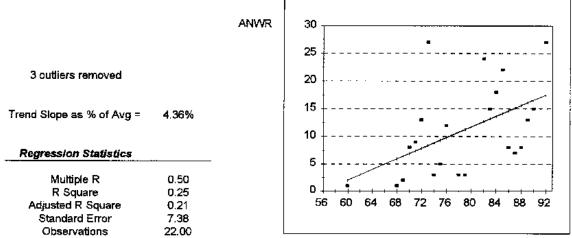
		Standard Error	t stausuc	P-vajue	Lower 98.00%	
						••••
Intercept	5.90	2.04	2.89	0.02	1.20	10.59
x1	-0.06	0.03	-2.17	0.06	-0.12	0.00

Observations	Predicted Y	Residuais	Stdzd Residuals	Percentile	y
1	0.78	0.22	0.31	5.00	1
2	0.84	0.16	0.22	15.00	1
3	1.61	-0.61	-0.86	25.00	1
4	1.67	-0.67	-0.94	35.00	1
5	1.73	-0,73	-1.02	45.00	1
6	0.96	0.04	0.06	55.00	1
7	1.49	-0.49	-0,69	65.00	1
8	1.91	0.09	0.13	75.00	2
9	2.45	0.55	0.78	85.00	3
10	1.55	1.45	2.02	95.00	3

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		ANWR+CCW	140 -				
			140			_	•
			120 -				
outliers removed			100 -		. •		
			otal				
	0.04.04		, На во -		<b>.</b>		
Frend Slope as % of Avg =	<b>2.8</b> 1%		Count Total				
			O 60.		 •		 •
<b>Regression Statistics</b>		.	40 -				
Multiple R	0.47		40-		_		
R Square	0.22		20 -		- 		]
Adjusted R Square	0.19	F	5	6 60 64	68 72	76 80 84 ear	88 92
Standard Error	31.13					- <b>a</b> i	
Observations	28.00	L					
Analysis of Variance							
-	df	Sum of Square		an Square	F	Significance F	-
Regression	1.00	6965.49		6965.49	7.19	0.01	
Residuał Total	26.00 27.00	25196.94 32162.43		969.11			
i otali		Standard Erro		Ptatistic	P-value	( outpar BE 0.0%	
	Coemcient	Standard Erro	nr c	Statistic	P-varue	Lower 95.00%	Opper 95.0
Intercept	-72.12	49.76		-1.45	0.16	-174.41	30.17
x1	1.70	0,63		2.68	0.01	0.40	3.00
Observations	Predicted Y 38.08	-37,08	Stdz	d Residuals -1.19		Percentile 1.79	<u> </u>
1 2	34.68	-27.68		-0.89		5.36	7
3	39.77	-27.77		-0.89		8.93	12
4	36.38	-24.38		-0.78		12.50	12
5	44.86	-18.86		-0.61		16.07	26
6	41.47	-13.47		-0.43		19.64	28
7	80.46	-42.46		-1.36		23.21	38
8	78.76	-37.76		-1.21		<b>26,79</b>	41
9	43.16	-0.16		-0.01		30.36	43
10	68.59	-22.59		-0.73		33.93	46
11	53.33	-4.33		-0.14		37.50	49
12	60,11	-9.11		-0.29		41.07	51
13	75.37	-24.37		-0.78		44.64	51
14	83.85	-30.85		-0.99		48.21	53
15	58.42	-4.42		-0.14		51.79	54
16	<del>6</del> 1.81	-1.81		-0.06		55.36	60
17	71.98	-6.98		-0.22		58.93	65
	63.61	5.49		0.18		62.50	69
18	63.51	~ ~~		0.30 0.03		66.07	<b>8</b> 3
19	73.68	9.32		11114		69.64	83 86
19 20	73.68 82.15	0.85					
19 20 21	73.68 82.15 85.55	0.85 0.45		0.01		73.21 76 79	
19 20 21 22	73.6 <b>8</b> 82.15 85.55 46.55	0.85 0.45 41.45		0.01 1.33		76.79	88
19 20 21 22 23	73.68 82.15 86.55 46.55 55.03	0.85 0.45 41.45 33.97		0.01 1.33 1.09		76.79 80.36	88 89
19 20 21 22 23 24	73.68 82.15 86.55 46.55 55.03 70.29	0.85 0.45 41.45 33.97 21.71		0.01 1.33 1.09 0.70		76.79 80.36 83.93	88 89 92
19 20 21 22 23 24 25	73.68 82.15 86.55 46.55 55.03 70.29 48.25	0.85 0.45 41.45 33.97 21.71 55.75		0.01 1.33 1.09 0.70 1.7 <del>9</del>		76.79 80.36 83.93 87.50	88 89 92 104
19 20 21 22 23 24 25 26	73.68 82.15 85.55 46.55 55.03 70.29 48.25 51.64	0.85 0.45 41.45 33.97 21.71 55.75 54.36		0.01 1.33 1.09 0.70 1.79 1.75		76.79 80.36 83.93 87.50 91.07	88 89 92 104 106
19 20 21 22 23 24 25 26 27	73.68 82.15 85.55 46.55 55.03 70.29 48.25 51.64 65.20	0.85 0.45 41.45 33.97 21.71 55.75 54.36 59.80		0.01 1.33 1.09 0.70 1.79 1.75 1.92		76.79 80.36 83.93 87.50 91.07 94.64	88 89 92 104 106 125
19 20 21 22 23 24 25 26	73.68 82.15 85.55 46.55 55.03 70.29 48.25 51.64	0.85 0.45 41.45 33.97 21.71 55.75 54.36		0.01 1.33 1.09 0.70 1.79 1.75		76.79 80.36 83.93 87.50 91.07	88 89 92 104 106

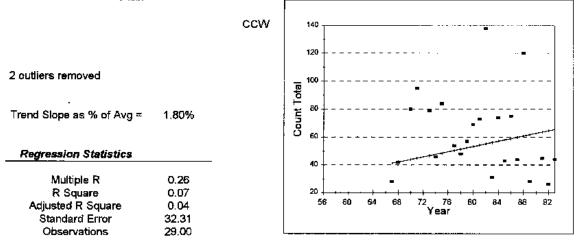
# **Common Yellowthroat**



-	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	358.34	358.34	6,58	0.02	-
Residual	20.00	1089.47	54.47			
Total	21.00	1447.82				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-26.98	14.93	-1. <b>81</b>	0.09	-58.11	4.16
×1	0.48	0.19	2.56	0.02	0,09	0.88

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.05	-1.05	-0.14	2.27	1
2	5.92	-4.92	-0.67	6.82	1
3	6.41	-4.41	-0.60	11.36	2
4	11.24	-8.24	-1.12	15.91	3
5	8.83	-5.83	-0.79	20.45	3
6	10.76	-7.76	-1,05	25.00	3
7	9.31	-4.31	-0.58	<b>29.5</b> 5	5
8	15.12	-8.12	-1.10	34.09	7
9	6.89	1.11	0.15	38.64	8
10	15.60	-7.60	-1.03	43.18	8
11	14.63	-6.63	-0,90	47.73	8
12	7.37	1.63	0.22	52.27	9
13	9.79	2.21	0.30	56.82	12
14	16.08	-3.08	-0.42	61.36	13
15	7.86	5.14	0.70	65,91	13
16	16.57	-1.57	-0.21	70.45	15
17	13.18	1.82	0.25	75. <b>0</b> 0	15
18	13.66	4.34	0.59	79.55	18
19	14.15	7.85	1.06	84.09	22
20	12.70	11.30	1.53	88.64	24
21	8.34	18.66	2.53	93.18	27
22	17.53	9.47	1.28	97.73	27

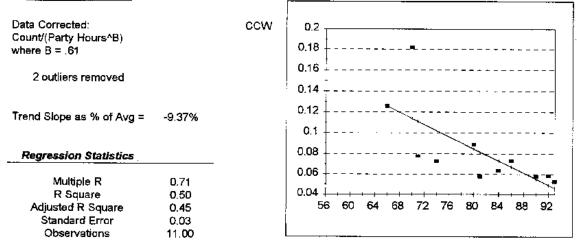
# Common Yellowthroat



Analysis of variance						
-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	2126.17	2126.17	2.04	0.16	<b>u</b>
Residual	27.00	28180.59	1043.73			
Total	28.00	30306.76				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-21.31	51.57	-0.41	0.68	-127.12	84.50
x1	0.93	0.65	1.43	0.16	-0.41	2.28
<b>a</b>						

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	39.39	-38.39	-1.19	1.72	1
2	37.53	-30.53	-0.94	5.17	7
3	40.33	-28.33	-0.88	8.62	12
4	38.46	-26.46	-0.82	12.07	12
5	62.74	-39,74	-1.23	15.52	23
6	43.13	-19.13	-0.59	18.97	24
7	64.61	-38.61	-1.20	22.41	26
8	41.26	-13.26	-0.41	25.86	28
9	61.81	-33.81	-1.05	29.31	28
10	56.20	-25.20	-0.78	32.76	31
11	42.20	-0.20	-0.01	36.21	42
12	58.07	-15.07	-0.47	39.66	43
13	59,94	-15.94	-0.49	43.10	44
14	65.54	-21.54	-0.67	46.55	44
15	63,68	-18.68	-0.58	50,00	45
16	47.80	-1.80	-0.06	53,45	46
17	51.54	-3.54	-0.11	56.90	48
18	50.60	3.40	0.11	60.34	54
19	52.47	4.53	0.14	63.79	57
20	53.40	15.60	0.48	67.24	69
21	54.34	18.66	0.58	70,69	73
22	57.14	16.86	0.52	74.14	74
23	59.01	15.99	0.50	77,59	75
24	46.87	32.13	0.99	81.03	79
25	44.06	35.94	1.11	84.48	80
26	48.73	35.27	1.09	87.93	84
27	45,00	50.00	1,55	91.38	95
28	60.87	59,13	1.83	94.83	120
29	55.27	82.73	2.56	98.28	138

#### Wilson's Warbler

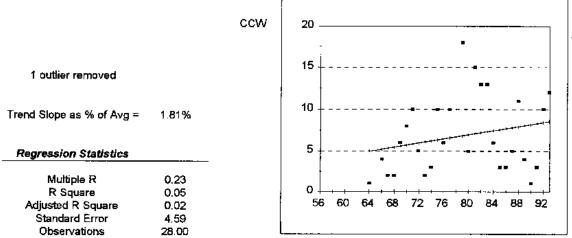


	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	0.01	0.01	9,13	0.01	
Residual	9.00	0.01	0.00			
Total	10.00	0.02				
	Coefficient	Standard Frror	t Statistic	Pavalue	l owar 95 00%	í Inner 95 i

	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00% Upper 95.04	0%
Intercept	0.32	0.08	4.05	0.00	0.14 0.50	
x1	-0.00	0.00	-3.02	0.01	-0.01 -0.00	

Observations	Predicted Y	Residuels	Stdzd Residuals	Percentile	Y
1	0.05	0.01	0.23	4.55	Ó
2	0.08	-0.02	-0.84	13.64	0
3	0.06	0.00	0.09	22.73	Ō
4	0.05	0.01	0.32	31.82	O
5	0.07	-0.01	-0.32	40.91	0
6	0.10	-0.03	-1.03	50.00	Ó
7	0.07	0.01	0.21	59,09	ō
8	0.11	-0.03	-1.16	68.18	0
9	0.08	0.00	0.15	77.27	0
10	0.13	-0.00	-0.00	86,36	0
<b>1</b> 1	0.11	0.07	2.36	95.45	0

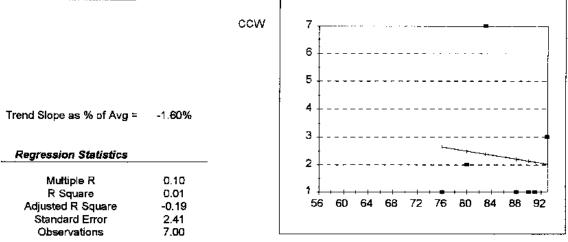
# **Olive Sparrow**



Analysis of variance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	31.35	31.35	1.49	0.23	-
Residual	26.00	546.76	21.03			
Total	27.00	578.11				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2.93	8.03	-0.36	0.72	-19.44	13.58
x1	0.12	0.10	1.22	0.23	-0.08	0.33

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4,97	-3.97	-0.87	1.79	1
2	8.18	-7.18	-1.57	5.36	1
3	5.34	-3.34	-0.73	8.93	2
4	6.08	-4.08	-0.89	12.50	2
5	5.46	-3.46	-0.76	16.07	2
6	7.69	-4.69	-1.02	19.64	3
7	7.56	-4.56	-0.99	23.21	3
8	6.20	-3.20	-0.70	26.79	3
9	8,30	-5.30	-1.16	30.36	3
10	8.06	-4.06	-0.88	33.93	4
11	5.22	-1.22	-0.27	37.50	4
12	7.81	-2.81	-0.61	41.07	5
13	6.94	-1.94	-0.42	44.64	5
14	5.96	-0,96	-0.21	48.21	5
15	6.45	-0.45	-0.10	51.79	6
16	7,44	-1.44	-0.31	55.36	6
17	5.59	0.41	0.09	58.93	6
18	5.71	2.29	0.50	62.50	8
19	5.83	4.17	0.91	66.07	10
20	6.33	3,67	0.80	69.64	10
21	8.43	1.57	0.34	73.21	10
22	6.57	3.43	0.75	76.79	10
23	7.93	3.07	0.67	80.36	11
24	8.55	3.45	0.75	83.93	12
25	7.32	5.68	1.24	87.50	13
26	7.19	5.81	1.27	91.07	13
27	7.07	7.93	1.73	94.64	15
28	6,82	11.18	2.44	98.21	18

## **Green-tailed Towhee**

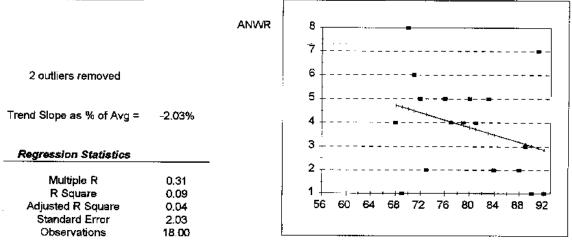


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.32	0.32	0.05	0.82	-
Residual	5.00	29.11	5.82			
Total	6.00	29,43				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.42	13.44	0.40	0.70	-29.12	39.95
x1	-0.04	0.16	-0.23	0.82	-0.44	0.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	¥
1	2.13	-1.13	-0.47	7.14	1
2	2.10	-1.10	-0.46	21.43	1
3	2.65	-1.65	-0.68	35.71	1
4	2.21	-1.21	-0.50	50.00	1
5	2.50	-0.50	-0.21	64.29	2
6	2.03	0.97	0.40	78.57	3
7	2.39	4.61	1.91	92.86	7

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		60 +			
		_ 50			
		<b>5</b> <b>4</b> 0			
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	-	10			
			•		
0.12		56 60 64	68 72	76 90 84	88 92
12.37	1			Cal	ļ
30.00	1				;
df			F		_
1.00	574.81	574.81	3.76	0.06	-
		153.07			
			<b>.</b> .		,,
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
-26.15	19.77	-1.32	0.20	-66.65	14.34
0.49	0.25	1.94	0.06	-0.03	1.00
Prodicted V	Dociduale	Stata Deciduaie		Parcentilo	v
13.73	-12,73	-1.03		1.67	<u> </u>
5.95	-4.95	-0.40		5.00	1
					1
					2 2
	-2.98	-0.24		18.33	2
9.84	-7.84	-0.63		21,67	2
14.71	-11.71	-0.95		25.00	3
				_ · ·	3 4
					4 5
					5
16.16	-11.16	-0.90		41.67	5 5 7
17.14	-10.14	-0.82		45.00	
10.33	-3.33				7
					8
					10
					12 13
					13
					14
		0.18		71.67	15
18.60	-0.60	-0.05		75.00	18
8.87	9.13	0.74		78.33	18
	1.38	0,11			19
					19
					21 28
					28 35
	46.3 <del>5</del>	3.75		98.33	
16.65	AN 35				
-	0.34 0.12 0.09 12.37 30.00 <b>df</b> 1.00 28.00 29.00 <b>Coefficient</b> -26.15 0.49 <b>Predicted Y</b> 13.73 5.95 7.41 19.08 4.49 4.98 9.84 14.71 5.46 6.44 14.22 11.79 16.16 17.14 10.33 9.85 6.92 7.90 13.25 12.27 15.68 12.76 18.60 8.87 17.62 18.11 15.19 11.30 10.81	4.09%         0.34         0.12         0.09         12.37         30.00         12.37         30.00         28.00         4860.70         Coefficient         Standard Error         -26.15         19.77         0.49         0.25         Predicted Y         Residuals         13.73         -12.73         5.95         -4.95         7.41         -6.41         19.08         -17.08         4.49         -2.49         4.88         -2.98         9.84         -7.84         14.71         -11.71         5.46         -2.49         4.98         -2.98         9.84         -7.84         14.71         -11.16         17.14         -10.14         10.33         -3.33         9.35         -1.35         6.92         3.08 <t< td=""><td>4.09%       <math>50</math> <math>50</math> <math>50</math>         0.34       <math>50</math> <math>50</math> <math>50</math>         0.12       <math>50</math> <math>50</math> <math>50</math>         0.09       12.37       <math>30.00</math> <math>56</math> <math>60</math> <math>64</math>         1.00       <math>574.81</math> <math>574.81</math> <math>574.81</math> <math>574.81</math>         28.00       4285.89       <math>153.07</math> <math>9.20</math>         29.00       4880.70       <math>1.94</math>         Predicted Y Residuals Stdzd Residuals         13.73       <math>-12.73</math> <math>-1.03</math> <math>-26.15</math> <math>19.77</math> <math>-1.32</math> <math>0.49</math> <math>0.25</math> <math>1.94</math>         Predicted Y Residuals Stdzd Residuals         <math>13.73</math> <math>-12.73</math> <math>-1.03</math> <math>5.95</math> <math>-4.95</math> <math>-0.40</math> <math>7.41</math> <math>-6.41</math> <math>-0.52</math> <math>19.08</math> <math>-17.08</math> <math>-1.38</math> <math>4.49</math> <math>-2.49</math> <math>-0.20</math> <math>4.98</math> <math>-2.98</math> <math>-0.20</math> <math>4.44</math> <math>-0.20</math> <math>6.44</math> <math>-2.44</math> <math>0.33</math> <math>-3.33</math> <math>-0.27</math> <math>14.71</math> <math>-11.16</math> <math>-0.90</math> <math>17.</math></td><td>4.09% 4.09% <math>\frac{df}{0.12}</math> 0.34 0.12 0.09 12.37 30.00 <math>\frac{df}{12.37}</math> 30.00 <math>\frac{df}{12.37}</math> 20 <math>\frac{10}{0}</math> <math>\frac{10}{56}</math> <math>\frac{56}{60}</math> <math>\frac{60}{64}</math> <math>\frac{69}{58}</math> <math>\frac{72}{72}</math> <math>\frac{10}{10}</math> <math>\frac{10}{56}</math> <math>\frac{56}{60}</math> <math>\frac{60}{64}</math> <math>\frac{69}{58}</math> <math>\frac{72}{72}</math> <math>\frac{10}{12}</math> <math>\frac{10}{56}</math> <math>\frac{50}{60}</math> <math>\frac{60}{64}</math> <math>\frac{69}{58}</math> <math>\frac{72}{72}</math> <math>\frac{10}{74.81}</math> <math>\frac{574.81}{3.76}</math> <math>\frac{3.76}{28.00}</math> <math>\frac{4285.89}{4.880.70}</math> <math>\frac{153.07}{29.00}</math> <math>\frac{4860.70}{4860.70}</math> <math>\frac{7}{1.32}</math> <math>\frac{10.32}{0.20}</math> <math>\frac{10}{0.49}</math> <math>\frac{10}{0.25}</math> <math>\frac{10}{1.94}</math> <math>\frac{10}{0.06}</math> <math>\frac{7}{641}</math> <math>\frac{10}{52}</math> <math>\frac{10}{1.94}</math> <math>\frac{10}{0.06}</math> <math>\frac{7}{7.41}</math> <math>\frac{1}{6.41}</math> <math>\frac{10}{52}</math> <math>\frac{10}{20}</math> <math>\frac{11}{7.44}</math> <math>\frac{10}{7.41}</math> <math>\frac{1}{6.41}</math> <math>\frac{10}{52}</math> <math>\frac{10}{20}</math> <math>\frac{11}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> <math>\frac{10}{7.44}</math> 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<math>\frac{0.74}{7.47}</math> <math>\frac{11}{7.62}</math> <math>\frac{1.38}{7.419}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.005}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007}</math> <math>\frac{1.35}{7.007</math></td><td><math display="block">\begin{array}{c c c c c c c c c c c c c c c c c c c </math></td></t<>	4.09% $50$ $50$ $50$ 0.34 $50$ $50$ $50$ 0.12 $50$ $50$ $50$ 0.09       12.37 $30.00$ $56$ $60$ $64$ 1.00 $574.81$ $574.81$ $574.81$ $574.81$ 28.00       4285.89 $153.07$ $9.20$ 29.00       4880.70 $1.94$ Predicted Y Residuals Stdzd Residuals         13.73 $-12.73$ $-1.03$ $-26.15$ $19.77$ $-1.32$ $0.49$ $0.25$ $1.94$ Predicted Y Residuals Stdzd Residuals $13.73$ $-12.73$ $-1.03$ $5.95$ $-4.95$ $-0.40$ $7.41$ $-6.41$ $-0.52$ $19.08$ $-17.08$ $-1.38$ $4.49$ $-2.49$ $-0.20$ $4.98$ $-2.98$ $-0.20$ $4.44$ $-0.20$ $6.44$ $-2.44$ $0.33$ $-3.33$ $-0.27$ $14.71$ $-11.16$ $-0.90$ $17.$	4.09% 4.09% $\frac{df}{0.12}$ 0.34 0.12 0.09 12.37 30.00 $\frac{df}{12.37}$ 30.00 $\frac{df}{12.37}$ 20 $\frac{10}{0}$ $\frac{10}{56}$ $\frac{56}{60}$ $\frac{60}{64}$ $\frac{69}{58}$ $\frac{72}{72}$ $\frac{10}{10}$ $\frac{10}{56}$ $\frac{56}{60}$ $\frac{60}{64}$ $\frac{69}{58}$ $\frac{72}{72}$ $\frac{10}{12}$ $\frac{10}{56}$ $\frac{50}{60}$ $\frac{60}{64}$ $\frac{69}{58}$ $\frac{72}{72}$ $\frac{10}{74.81}$ $\frac{574.81}{3.76}$ $\frac{3.76}{28.00}$ $\frac{4285.89}{4.880.70}$ $\frac{153.07}{29.00}$ $\frac{4860.70}{4860.70}$ $\frac{7}{1.32}$ $\frac{10.32}{0.20}$ $\frac{10}{0.49}$ $\frac{10}{0.25}$ $\frac{10}{1.94}$ $\frac{10}{0.06}$ $\frac{7}{641}$ $\frac{10}{52}$ $\frac{10}{1.94}$ $\frac{10}{0.06}$ $\frac{7}{7.41}$ $\frac{1}{6.41}$ $\frac{10}{52}$ $\frac{10}{20}$ $\frac{11}{7.44}$ $\frac{10}{7.41}$ $\frac{1}{6.41}$ $\frac{10}{52}$ $\frac{10}{20}$ $\frac{11}{7.44}$ $\frac{10}{7.44}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.913}$ $\frac{0.74}{7.47}$ $\frac{11}{7.62}$ $\frac{1.38}{7.419}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.005}$ $\frac{1.35}{7.007$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

# **Rufous-sided Towhee**



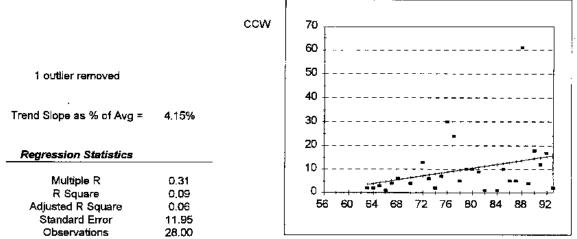
#### Analysis of Variance

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	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	6.79	6.79	1.65	0.22	-
Residual	16.00	65.71	4.11			
Total	17.00	72.50				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	10.04	4.85	2.07	0.05	-0.24	20.32
x1	-0.08	0.06	-1.29	0.22	-0.21	0.05

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	v
1	4.66	-3.66	-1.81	2.78	1
2	2.87	-1.87	-0.92	8.33	1
3	3.02	-2.02	-1.00	13.89	1
4	3.18	-1.18	-0.58	19.44	2
5	3.49	-1.49	-0.74	25.00	2
6	4,35	-2.35	-1.16	30.56	2
7	3.10	-0.10	-0.05	36.11	3
8	3,88	0.12	0.06	41.67	4
9	3.73	0.27	0.14	47.22	4
10	4.04	-0.04	-0.02	52.78	4
11	4.74	-0.74	-0.36	58.33	4
12	3.57	1.43	0.71	63. <b>8</b> 9	5
13	4.11	0.89	0.44	69.44	5
14	4.43	0.57	0.28	75.00	5
15	3.80	1,20	0.59	80.56	5
16	4.50	1.50	0.74	86.11	6
17	2.95	4,05	2.00	91,67	7
18	4.58	3.42	1.69	97.22	8

## **Rufous-sided Towhee**



#### Analysis of Variance

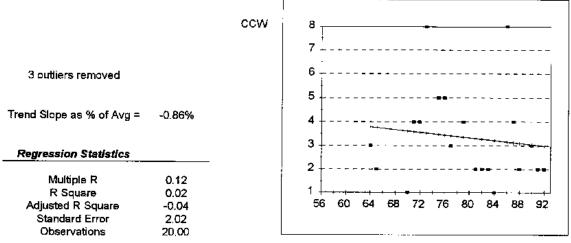
rendryana or reningrice						
·	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	382.66	382.66	2.68	0.11	-
Residual	26.00	3712.05	142.77			
Total	27.00	4094.71				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-22.05	19.57	-1.13	0.27	-62.28	18.19
x1	0.41	0.25	1.64	D.11	-0.10	0.92

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y .
1	4,75	-3.75	~0.31	1,79	1
2	11.25	-10.25	-0.86	5.36	1
3	12.06	-11.06	-0.93	8,93	1
4	8.00	-6.00	-0.50	12.50	2
5	15.72	-13.72	-1.15	16.07	2
6	3.94	-1.94	-0.16	19.64	2 2
7	3.54	-1.54	-0.13	23.21	2
8	4.35	-1.35	-0.11	26.79	3
9	14.09	-10.09	-0.84	30.36	4
10	6.38	-2.38	-0.20	33,93	4
11	5.16	-1.16	-0.10	37.50	4
12	9.63	-4.63	-0.39	41.07	5
13	12.87	-7.87	-0.66	44.64	5
14	13.28	-8.28	-0.69	48.21	5 5
15	5.57	0.43	0.04	51.79	6
16	7,60	-1.60	-0.13	55.36	6
17	8.41	-1.41	-0.12	58.93	7
18	10.84	-1.84	-0.15	62.50	9
19	10.44	-0.44	-0.04	66.07	10
20	12.47	-2.47	-0.21	69,64	10
21	10.03	-0.03	-0.00	73.21	10
22	14.91	-2.91	-0.24	76,79	12
23	7.19	5,81	0.49	80.36	13
24	15,31	1.69	0.14	83,93	17
25	14.50	3.50	0.29	87.50	18
26	9.22	14.78	1.24	91.07	24
27	8.81	21.19	1.77	94.64	30
28	13.69	47.31	3.96	98.21	61

		ANWR+CCW	20			
			20			
			15			
outliers removed					•	
rend Slope as % of Avg =	-0.29%		Count Total	s. s∎		
Regression Statistics		-	5			<u></u>
Multiple R	0.02		† <b>•</b>	-	· ···.	
R Square	0,00		° <del>↓ </del>	•		
Adjusted R Square	-0.05		56 60 64	68 72 Y	76 80 84 Bar	86 92
Standard Error	4.73					
Observations	21.00	L				
Analysis of Variance						
	đf	Sum of Square		F	Significance F	-
Regression	1.00	0.25	0.25	0.01	0.92	_
Residual	19,00	424.42	22.34			
Total	20.00	424.67				
	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	5.73	10.20	0.56	0.58	-15.62	27.08
×1	-0.01	0.13	-0.11	0.92	-0.28	0.25
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
Observations 1	Predicted Y 4.60	Residuals -3.60	Stdzd Residuals -0.76	-	Percentile 2.38	<b>y</b> 1
				-		1
1 2	4.60	-3.60	-0.76	-	2.38	1 2
1	4,60 4,79 4,86	-3.60 -2.79 -2.86	-0.76 -0.59 -0.60	-	2.38 7.14	1 2 2
1 2 3 4	4.60 4.79	-3.60 -2.79 -2.86 -2.62	-0.76 -0.59	<u>.</u>	2.38 7.14 11.90	1 2
1 2 3 4 5	4.60 4.79 4.86 4.62	-3.60 -2.79 -2.86	-0.76 -0.59 -0.60 -0.55	<u>.</u>	2.38 7.14 11.90 16.67	1 2 2 2 2
1 2 3 4 5 6	4.60 4.79 4.86 4.62 4.55	-3.60 -2.79 -2.86 -2.62 -2.55	-0.76 -0.59 -0.60 -0.55 -0.54	1	2.38 7.14 11.90 16.67 21.43	1 2 2 2 2 2
1 2 3 4 5 6 7	4.60 4.79 4.86 4.62 4.55 4.63 4.49	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53		2.38 7.14 11.90 16.67 21.43 26.19 30.95	1 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.53 -0.56		2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71	1 2 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36		2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48	1 2 2 2 2 2 2 2 2 3
1 2 3 4 5 6 7 8 9 10	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36 -0.36 -0.40		2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24	1 2 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 10 11	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36 -0.36 -0.40 -0.32		2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00	1 2 2 2 2 2 2 2 3 3 3 3
1 2 3 4 5 6 7 8 9 10 11 12	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36 -0.36 -0.40 -0.32 -0.11	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76	1 2 2 2 2 2 2 3 3 3 4
1 2 3 4 5 6 7 8 9 10 11 12 13	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36 -0.36 -0.32 -0.11 -0.14	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52	1 2 2 2 2 2 2 2 3 3 3 4 4
1 2 3 4 5 6 7 8 9 10 11 12 13 14	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.78	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.36 -0.36 -0.40 -0.32 -0.11 -0.14 -0.16	<u>.</u>	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29	1 2 2 2 2 2 2 2 2 3 3 3 4 4 4 4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05	1 2 2 2 2 2 2 2 2 2 2 3 3 3 4 4 4 4 4 4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56 4.76	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56 -0.76	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12 -0.16	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05 73.81	1 2 2 2 2 2 2 2 2 2 2 2 2 3 3 4 4 4 4 4 4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56 4.76 4.72	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56 -0.76 0.28	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12 -0.16 0.06	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05 73.81 78.57	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56 4.76 4.72 4.71	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56 -0.76 0.28 0.29	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12 -0.16 0.06 0.06	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05 73.81 78.57 83.33	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56 4.76 4.72 4.71 4.75	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56 -0.76 0.28 0.29 5.25	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12 -0.16 0.06 0.06 1.11	-	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05 73.81 78.57 83.33 88.10	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	4.60 4.79 4.86 4.62 4.55 4.63 4.49 4.64 4.70 4.87 4.51 4.52 4.67 4.51 4.52 4.67 4.78 4.56 4.76 4.72 4.71	-3.60 -2.79 -2.86 -2.62 -2.55 -2.63 -2.49 -2.64 -1.70 -1.87 -1.51 -0.52 -0.67 -0.78 -0.56 -0.76 0.28 0.29	-0.76 -0.59 -0.60 -0.55 -0.54 -0.56 -0.53 -0.56 -0.38 -0.40 -0.32 -0.11 -0.14 -0.16 -0.12 -0.16 0.06 0.06	<u>.</u>	2.38 7.14 11.90 16.67 21.43 26.19 30.95 35.71 40.48 45.24 50.00 54.76 59.52 64.29 69.05 73.81 78.57 83.33	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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#### Cassin's Sparrow

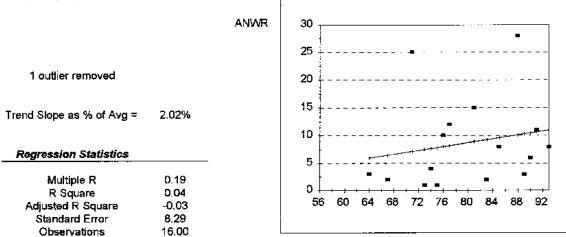


	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1.12	1.12	0.28	0.61	-
Residual	18,00	73.43	4.08			
Total	19.00	74.55				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.63	4.37	1.29	0.21	-3.54	14.80
x1	-0.03	0.05	-0.52	0.61	-0.14	0.09

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	v
1	3.62	-2.62	-1,30	2.50	1
2	3.21	-2.21	-1.10	7.50	1
3	3.76	-1.76	-0.87	12.50	2
4	3.27	-1.27	-0.63	17.50	2
5	2.98	-0.98	-0.49	22.50	2
6	3.30	-1.30	-0.64	27.50	2
7	3.0f	-1.01	-0.50	32.50	2
8	3.24	-1.24	-0.62	37.50	2
9	3.10	-1.10	-0.54	42.50	2
10	3.79	-0.79	-0.39	47.50	3
11	3.04	-0.04	-0.02	52.50	3
12	3.42	-0.42	-0.21	57.50	з
13	3.56	0.44	0.22	62.50	4
14	3,13	0.87	0.43	67.50	4
15	3.36	0.64	0.32	72.50	4
16	3.59	0.41	0.20	77.50	4
17	3.47	1.53	0.76	82.50	5
18	3.44	1,56	0.77	87.50	5
19	3.53	4.47	2.21	92.50	8
20	3.16	4.84	2.40	97.50	8

		ANWR+CCW	70			
		ANVVR+CCVV	70			
			ec +			
			5C			
outliers removed		-	ō			
		*   H		• • • • •	· · · · · · · · · • · · ·	
rend Slope as % of Avg =	3.93%		5 30 +			
		l d	3	•••		
Regression Statistics			20		and the second sec	
		•	10 +	and the second se		
Multiple R	0.31					
R Square	0.09 0,06		56 60 64	68 72	76 80 84 8	8 92
Adjusted R Square Standard Error	16.10			Ye	ear	
Observations	28.00	L				
Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	699.47	699.47	2.70	0.11	
Residual	26.00	6737.53	259.14			
Total	27.00	7437.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-31.20	28.58	-1.09	0.28	-89.95	27.56
x1	0.61	0.37	1.64	0.11	-0.15	1.37
				0.11		
Observations	Predicted Y	Residuals	Stdzd Residuals	0.11	Percentile	1.37
Observations	Predicted Y 18.81	<b>Residuals</b> -17.81	<u>Stdzd Residuals</u> -1.11	0.11	Percentile 1.79	
Observations 1 2	Predicted Y 18.81 16.98	<del></del>	Stdzd Residuals	0.11	Percentile 1.79 5.36	<b>y</b> 1
Observations 1 2 3	Predicted Y 18.81 16.98 9.66	7 <b>Residuals</b> -17.81 -15.98 -7.66	<u>Stázá Residuais</u> -1.11 -0.99 -0.48	0.11	Percentile 1.79 5.36 8.93	<b>y</b> 1 1 2
Observations 1 2 3 4	Predicted Y 18.81 16.98 9.66 21.86	<del></del>	<u>Stázá Residuais</u> -1.11 -0.99	0.11	Percentile 1.79 5.36	₽ 1 1 2 2
Observations 1 2 3 4 5	Predicted Y 18.81 15.98 9.66 21.86 12.71	7 <b>Residuals</b> -17.81 -15.98 -7.66 -19.86 -10.71	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67	0.11	Percentile 1.79 5.36 8.93 12.50	<b>y</b> 1 2 2 2
<i>Observations</i> 1 2 3 4 5 6	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88	7 <b>Residuals</b> -17.81 -15.98 -7.66 -19.86 -10.71 -8.88	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23	0.11	Percentile 1.79 5.36 8.93 12.50 16.07	₽ 1 1 2 2
Observations 1 2 3 4 5 6 7	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25	7 <b>Residuals</b> -17.81 -15.98 -7.66 -19.86 -10.71 -8.88 -19.25	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64	<b>y</b> 1 2 2 2 2 2
<i>Observations</i> 1 2 3 4 5 6 7 8	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49	7 <b>Residuals</b> -17.81 -15.98 -7.66 -19.86 -10.71 -8.88 -19.25 -9.49	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21	<b>y</b> 1 2 2 2
<b>Observations</b> 1 2 3 4 5 6 7 8 9	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54	7 <b>Residuals</b> -17.81 -15.98 -7.66 -19.86 -10.71 -8.88 -19.25	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79	<b>y</b> 1 2 2 2 2 2 2
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36	y 1 2 2 2 2 3 4 4
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54	<u>Stdzci Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93	y 1 2 2 2 2 3 4 4 6
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05	<u>Stdzci Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50	<b>y</b> 1 2 2 2 2 3 4
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07	y 1 2 2 2 2 3 4 4 6
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64	<b>y</b> 1 1 2 2 2 2 2 2 3 4 4 6 9
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93	<u>Stdzci Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21	<b>y</b> 1 2 2 2 2 2 2 2 3 4 4 6 9 10
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78	<u>Stdzci Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93	<b>y</b> 1 2 2 2 2 2 2 2 2 2 3 4 4 6 9 10 12 13 14
<i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76	Stdzd Residuals -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.17	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36	<b>y</b> 1 2 2 2 2 2 2 2 2 3 4 4 6 9 10 12 13 14 15
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42	Stdzd Residuals -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.17 -0.64	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93	<b>y</b> 1 2 2 2 2 2 2 2 2 2 3 4 4 6 9 10 12 13 14
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19	Predicted Y 18.81 16.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.12 -0.17 -0.64 -0.27	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20	Stdzd Residuals -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.17 -0.64 -0.27 -0.01	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41	<u>Stdzd Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 -0.17 -0.12 -0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.01 -0.01 0.21	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68	<u>Stdzd Residuals</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.01 -0.01 0.21 0.73	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32 8.44	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68           19.56	<u>Stdzd Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.01 0.21 0.73 1.21	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23           24	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32 8.44 10.27	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68           19.56           17.73	<u>Stdzd Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 -0.19 -0.72 -0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.21 -0.01 0.21 0.73 1.21 1.10	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23           24           25 <td>Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32 8.44 10.27 12.10</td> <td>Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68           19.56           17.73           24.90</td> <td>Stdzd Residuals -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.19 -0.72 0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.01 0.21 0.73 1.21 1.10 1.55</td> <td>0.11</td> <td>Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50</td> <td>y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2</td>	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32 8.44 10.27 12.10	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68           19.56           17.73           24.90	Stdzd Residuals -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 0.17 -0.19 -0.72 0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.01 0.21 0.73 1.21 1.10 1.55	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93 87.50	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Observations           1           2           3           4           5           6           7           8           9           10           11           12           13           14           15           16           17           18           19           20           21           22           23           24	Predicted Y 18.81 15.98 9.66 21.86 12.71 10.88 21.25 11.49 14.54 7.83 16.37 9.05 20.64 7.22 13.93 15.76 24.30 19.42 15.15 18.20 17.59 13.32 8.44 10.27	Residuals           -17.81           -15.98           -7.66           -19.86           -10.71           -8.88           -19.25           -9.49           -11.54           -3.83           -12.37           -3.05           -11.64           2.78           -1.93           -2.76           -10.30           -4.42           -0.15           -0.20           3.41           11.68           19.56           17.73	<u>Stdzd Residuais</u> -1.11 -0.99 -0.48 -1.23 -0.67 -0.55 -1.20 -0.59 -0.72 -0.24 -0.77 -0.19 -0.72 -0.19 -0.72 -0.17 -0.12 -0.17 -0.12 -0.17 -0.64 -0.27 -0.01 -0.21 -0.21 0.73 1.21 1.10	0.11	Percentile 1.79 5.36 8.93 12.50 16.07 19.64 23.21 26.79 30.36 33.93 37.50 41.07 44.64 48.21 51.79 55.36 58.93 62.50 66.07 69.64 73.21 76.79 80.36 83.93	y 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

# **Chipping Sparrow**



## Analysis of Variance

	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	37.15	37.15	0.54	0.47	-
Residual	14.00	962.29	68.73			
Total	15.00	999.44				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-5.30	19.13	-0.28	0.79	-46.33	35,74
x1 .	0.18	0.24	0.74	0.47	-0.34	0.69

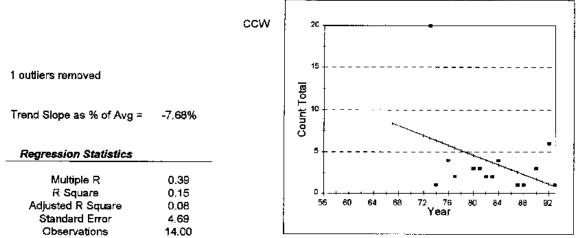
Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	7,84	-6.84	-0.83	3.13	1
2	7.49	-6.49	-0.78	9,38	1
3	9.25	-7.25	-0.87	15.63	2
4	6.44	-4.44	-0.54	21.88	2
5	5.92	-2.92	-0.35	28.13	3
6	10.30	-7.30	-0.88	34.38	3
7	7.67	-3.67	-0.44	40.63	4
8	10.47	-4,47	-0.54	46,88	6
9	9.60	-1.60	-0.19	53.13	8
10	11.00	-3.00	-0.36	59.38	8
11	8.02	1.98	0.24	65.63	10
12	10,65	0.35	0.04	71.88	11
13	8.19	3.81	0.46	78.13	12
14	8.90	6.10	0.74	84.38	15
15	7.14	17.86	2.15	90.63	25
16	10.12	17.88	2.16	96.88	28

## **Chipping Sparrow**

Calipping Sparrow			
		ccw	60 <u> </u>
			70
1 outliers removed			60 <u></u>
Trend Slope as % of Avg =	5.26%		
			ප් ප
Regression Statistics			20
Multiple R	0.37		10
R Square	0,13		
Adjusted R Square	0.10		56 60 64 68 72 76 80 84 88 92 Year
Standard Error	16.85		( Cai
Observations	29.00		

Analysis of Variance						
	ďf	Sum of Squares		<u> </u>	Significance F	_
Regression	1.00	1188.63	1188.63	4.18	0.05	
Residual	27.00	7668.82	284.03			
Totał	28,00	8857.45				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-42.98	27.96	-1.54	0.14	-100.36	14.39
x1	0.73	0.36	2.05	0.05	-0.00	1. <b>46</b>
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	y
1	13,13	-12.13	-0.72		1.72	1
2	3.66	-2.66	-0.16		5.17	1
3	18.96	-17.96	-1.07		8.62	1
4	16.78	-15.78	-0.94		12.07	1
5	14.59	-13.59	-0,81		15.52	1
6	8.03	-6.03	-0.36		18.97	2 2
7	7.30	-5.30	-0.31		22.41	2
8	20.42	-18.42	-1.09		25.86	2
9	11.68	-9,68	-0.57		29.31	2 2 2 2
10	9.49	-7.49	-0,44		32.76	2
11	19.69	-17.69	-1. <b>05</b>		36.21	
12	16.05	-13.05	-0.77		39.66	3
13	23.34	-20.34	-1. <b>21</b>		43.10	3
14	13.86	-9.86	-0.59		46.55	4
15	12.40	-7. <b>4</b> 0	-0.44		50.00	5
16	5,12	0.88	0.05		53.45	6
17	10.95	-2.95	-0.17		56.90	8
18	2.93	7,07	0.42		60.34	10
19	8.76	3.24	0,19		63.79	12
20	17.51	-4.51	-0.27		67.24	13
21	15.32	5.68	0.34		70.69	21
22	10.22	13.78	0.82		74.14	24
23	24.06	0.94	0.06		77.59	25
24	21.15	5.85	0.35		81.03	27
25	4.39	23.61	1.40		84.48	28
26	6.57	21.43	1.27		87.93	28
27	18.23	21.77	1.29		91.38	40
28	22.61	34,39	2.04		94.83	57
29	24.79	46.21	2.74		98.28	71

# Clay-colored Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	46.65	46.65	2.12	0.17	-
Residual	12.00	263.71	21.98			
Total	13.00	310.36				
<del></del>	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficient 27,88	Standard Error 16.58	t Statistic 1.68	<i>P-value</i> 0.12	Lower 95.00%	Upper 95.00% 64.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	0.84	0.16	0.03	3.57	1
2	6.36	-5,36	-1.14	10.71	1
3	2,58	-1.58	-0.34	17.86	1
4	2.29	-1.29	-0.28	25.00	1
5	4.03	-2.03	-0.43	32.14	2
6	3.74	-1.74	-0.37	39,29	2
7	5,49	-3.49	-0.74	46.43	2
8	4,33	-1.33	-0.28	53.57	3
9	1.71	1.29	0.28	60.71	3
10	4.62	-1.62	-0.34	67.86	3
11	3.45	0.55	0,12	75.00	4
12	5.78	-1.78	-0.38	82.14	4
13	1.13	4.87	1.04	89.29	6
14	6.65	13.35	2.85	96.43	20

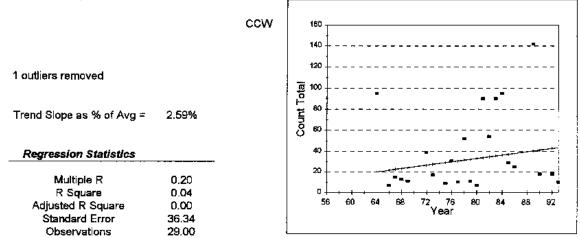
Field Sparrow		F				
		ANWR+COW	180			
						_
		Í	160 +			
			140			
1 outliers removed			_ 120 +			
			gal 22			
Trend Slope as % of Avg =	3.20%	1				
		1	υ <sub>60</sub> <u>μ</u>			į I
Regression Statistics		-	40			
Multiple R	0.26		20			*
R Square	0.28					•
Adjusted R Square	0.07	-	56 60 64	68 72	76 8D 84	88 92
Standard Error	37.94			Y	ear	
Observations	29.00	L				
Analysis of Variance						
	đf	Sum of Square		F	Significance F	
Regression	1,00	2776.08	2776.08	1,93	0.18	-
Residual	27.00	38859.17	1439.23			
Total	28.00	41635.24				
	Coefficient	Standard Errol	r t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	-53.23	64.28	-0.83	0.41	-185,13	78.68
x1	1.14	0.82	1.39	0.18	-0.54	2.81
					-0.04	
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	У
1	26.24	Residuals -21.24	-0.56			<b>y</b> 5
1 2	26.24 20.56	-21.24 -14.56	-0.56 -0.38		Percentile	
1 2 3	26.24 20.56 21.70	-21.24 -14.56 -14.70	-0.56 -0.38 -0.39		Percentile 1.72 5.17 8.62	5
1 2 3 4	26.24 20.56 21.70 45.54	-21.24 -14.56 -14.70 -38,54	-0.56 -0.38 -0.39 -1.02		Percentile 1.72 5.17 8.62 12.07	5 6 7 7
1 2 3 4 5	26.24 20.56 21.70 45.54 30.78	-21.24 -14.56 -14.70 -38,54 -23,78	-0.56 -0.38 -0.39 -1.02 -0.63		Percentile 1.72 5.17 8.62 12.07 15.52	5 6 7 7 7
1 2 3 4 5 6	26.24 20.56 21.70 45.54 30.78 27.37	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48		Percentile 1.72 5.17 8.62 12.07 15.52 18.97	5 6 7 7 7 9
1 2 3 4 5 6 7	26.24 20.56 21.70 45.54 30.78 27.37 31.92	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41	5 6 7 7 7 9 10
1 2 3 4 5 6 7 8	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86	5 6 7 7 9 10 11
1 2 3 4 5 6 7 8 9	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31	5 6 7 7 9 10 11 11
1 2 3 4 5 6 7 8 9 10	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76	5 6 7 7 9 10 11 11 13
1 2 3 4 5 6 7 8 9 10 11	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21	5 6 7 7 9 10 11 11 13 13
1 2 3 4 5 6 7 8 9 10 11 12	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66	5 6 7 7 9 10 11 11 13 13 13
1 2 3 4 5 6 7 8 9 10 11 12 13	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.59 -0.51		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10	5 6 7 7 9 10 11 11 13 13 13 14 15
1 2 3 4 5 6 7 8 9 10 11 12 13 14	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55	5 6 7 7 9 10 11 11 13 13 13 14 15 15
1 2 3 4 5 6 7 8 9 10 11 12 13	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00	5 6 7 7 9 10 11 11 13 13 14 15 15 21
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.51 -0.21 -0.80		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55	5 6 7 7 9 10 11 11 13 13 13 14 15 15
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.51 -0.21 -0.80 -0.80 -0.80		Percentife 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45	5 6 7 7 9 10 11 11 13 13 14 15 15 21 22
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.80 -0.15		Percentife 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90	5 6 7 7 9 10 11 11 13 13 14 15 15 21 22 24
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05	-21.24 -14.56 -14.70 -38,54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.21 -0.80 -0.80 -0.80 -0.15 -0.49 -0.38 0.03		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24	5 6 7 7 9 10 11 11 13 13 14 15 15 21 22 24 26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.21 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 25 29 34 39
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.21 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 29 34 39 39
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.21 -0.80 -0.51 -0.21 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.44		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 39 52
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32 39.86	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68 14.14	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.28 0.24 0.37		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59 81.03	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 39 52 54
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32 39.86 41.00	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68 14.14 49.00	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59 81.03 84.48	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 39 52 54 90
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32 39.86 41.00 38.73	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68 14.14 49.00 56.27	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59 81.03 84.48 87.93	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 52 54 90 95
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32 39.86 41.00 38.73 19.43	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68 14.14 49.00 56.27 76.57	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59 81.03 84.48 87.93 91.38	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 39 52 54 90 95 96
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	26.24 20.56 21.70 45.54 30.78 27.37 31.92 50.08 25.10 23.97 37.59 36.46 34.19 22.83 51.21 52.35 29.65 44.40 43.27 33.05 48.94 28.51 35.32 39.86 41.00 38.73	-21.24 -14.56 -14.70 -38.54 -23.78 -18.37 -21.92 -39.08 -14.10 -10.97 -24.59 -22.46 -19.19 -7.83 -30.21 -30.35 -5.65 -18.40 -14.27 0.95 -9.94 10.49 16.68 14.14 49.00 56.27	-0.56 -0.38 -0.39 -1.02 -0.63 -0.48 -0.58 -1.03 -0.37 -0.29 -0.65 -0.59 -0.51 -0.21 -0.80 -0.80 -0.80 -0.15 -0.49 -0.38 0.03 -0.26 0.28 0.28 0.28 0.28 0.28 0.28 0.28 0.28		Percentile 1.72 5.17 8.62 12.07 15.52 18.97 22.41 25.86 29.31 32.76 36.21 39.66 43.10 46.55 50.00 53.45 56.90 60.34 63.79 67.24 70.69 74.14 77.59 81.03 84.48 87.93	5 6 7 7 9 10 11 11 13 14 15 15 21 22 24 26 29 34 39 39 52 54 90 95

# Field Sparrow

rield Sparrow		1	
		ANWR	12
			10
2 outliers removed			8
Trend Slope as % of Avg =	0.58%		6 4
Regression Statistics			2
Multiple R	0.09		
R Square	0,01		0 + + + + + + + + + + + + + + + + + + +
Adjusted R Square	-0.05		56 60 64 68 72 76 80 84 88 92
Standard Error	3.00		
Observations	20.00	L	

	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1.35	1.35	0.15	0.70	-
Residual	18.00	161.65	8.98			
Total	19.00	163.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	2.50	5.20	0.48	0.64	-8.42	13.42
x1	0.03	0.07	0.39	0.70	-0.11	0.17
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	4.19	-3.19	-1.06		2.50	1
2	4.74	-3.74	-1.25		7.50	1
3	4.45	-3.45	-1.15		12.50	1
4	4.16	-3.16	-1.06		17.50	1
5	4.42	-2.42	-0.81		22.50	2
6	4.48	-1.48	-0.49		27.50	3
7	4.89	-1.89	-0.63		32.50	3
В	4.55	-1.55	-0.52		37.50	3
9	4.87	-0.87	-0.29		42.50	4
10	4.32	-0.32	-0.11		47.50	4
11	4.61	0.39	0.13		52.50	5
12	4.79	0.21	0,07		57,50	5
13	4.35	0.65	0.22		62.50	5
14	4.50	0.50	0.17		67.50	5
15	4.68	1.32	0.44		72.50	6
16	4.03	1.97	0.66		77.50	6
17	4.58	1.42	0.47		82.50	6
18	4.40	2.60	0.87		87.50	7
19	4.06	5.94	1.98		92.50	10
20	4.92	7.08	2.36		97.50	12

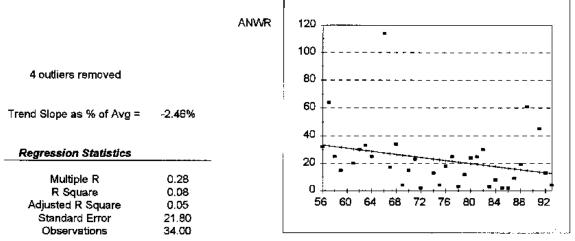
# Field Sparrow



•	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1442.71	1442.71	1.09	0.31	-
Residual	27.00	35660.11	1320.74			
Total	28.00	37102.83				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-32.35	61.58	-0.53	0.60	-158,71	94.00
x1	0.82	0.78	1.05	0.30	-0,79	2.43
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	24,93	-23.93	-0.66		1.72	1
2	25.75	-21.75	-0.60		5.17	4
3	20.84	-15.84	-0.44		8.62	5
4	28.21	-23.21	-0.64		12.07	5 5
5	42.12	-35.12	-0.97		15.52	7
6	38.84	-31.84	-0.88		18.97	7
7	21.66	-14.66	-0.40		22.41	7
8	33.12	-26.12	-0.72		25.86	7
9	29.02	-20.02	-0.55		29.31	9
10	43.76	-33.76	-0.93		32.76	10
11	30.66	-20.66	-0.57		36.21	10
12	24.11	-13.11	-0.36		39.66	11
f3	32.30	-21.30	-0.59		43.10	11
14	23.30	-10.30	-0.28		46.55	13
15	22.48	-7.48	-0.21		50.00	15
16	27.39	-10.39	-0.29		53,45	17
17	42.94	-24,94	-0.69		56.90	18
18	41.30	-23.30	-0.64		60.34	18
19	38.03	-13.03	-0.36		63.79	25
20	37.21	-8.21	-0.23		67.24	29
21	29.84	1.16	0.03		70.69	31
22	26.57	12.43	0.34		74.14	39
23	31.48	20.52	0.56		77.59	52
24	34.75	19.25	0.53		B1.03	54
25	35.57	54.43	1.50		84.48	90
26	33.93	56.07	1.54		87.93	90
27	20.02	74.98	2.06		91.38	95
28	36.39	58.61	1.61		94.83	95
	40.48		2.79		98.28	142

		ANWR+CCW	300			•
		ł			•	
			250			•
2 outliers removed			ļ			
			<b>E</b> 200			•••••
Trand Sland on % of Ave a	4 650/		분   			
Trend Slope as % of Avg =	1.85%	-		<b></b> _	<b>-</b>	
Regression Statistics			100		•	
Multiple R	0.29	-				•
R Square	0.29	į	50	··· · · ·	······································	
Adjusted R Square	0.05		55 60 64	68 72	76 80 84 ear	88 92
Standard Error	53.12			1	ca	
Observations	29.00	L				
Analysis of Variance	df	Sum of Sauara	Moon Sauara	E	Cimuldiaanaa	F
Regression	1.00	Sum of Squares 6842.97	Mean Square 6842.97	<b>F</b> 2.42	Significance i 0.13	_
Residual	27.00	76197.99	2822.15		0.10	
Total	28.00	83040.97				
·····	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	-40.82	86,52	-0.47	0.64	-218,35	136.71
x1	1.72	1.11	1.56	D.13	-0.55	3.99
·····	Predicted Y		Stdzd Residuals		Percentile	<u>y</u>
1 2	107.22 86,56	-85.22 -52.56	-1.60 -0.99		1.72 5.17	22 34
3	74.51	-39.51	-0.74		8.62	35
4	95.17	-59,17	-1.11		12.07	36
5	67.63	-31.63	-0.60		15.52	36
6	108.94	-67.94	-1.28		18.97	41
7	69.35 04.72	-19.35	-0.36		22.41	50
8 9	91.73 103.78	-39.73 -37.78	-0.75 -0.71		25.86 29.31	52
10	93.45	-22.45	-0.42		32.76	<del>6</del> 6 71
11	83.12	-9.12	-0.17		36.21	74
12	88.29	-14.29	-0.27		39.66	74
13	100,34	-26.34	-0.50		43.10	74
14	77.96	1.04	0.02		46.55	79
15	105.50	-24.50	-0.46		50.00	81
16	102.06	-17.06	-0.32		53.45	85
17	115.83	-29.83	-0.56		56.90	86
18	96.89	-2.89	-0.05		60.34	94
19	81.40	20.60	0.39		63.79	102
20	76.24	31.76	0.60		67.24	108
21	90.01	18,99	0.36		70.69	109
22	119.27	-3.27	-0.06		74.14	116
23 24	79.68 72.79	41.3 <u>2</u> 64.21	0.78 1.21		77.59	121
24 25	112.39	27.61	0.52		81.03 84.48	137 140
26	98.61	51.39	0.97		87.93	140
20	71,07	79.93	1.50		91.3B	151
		98.34	1.85		94.83	209
28	110.66	00.04				

## Vesper Sparrow



Pularysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1260.29	1260.29	2.65	0.11	-
Residual	32.00	15206.33	475.20			
Total	33.00	16466.62				
	<b>Mandalan</b> t	Chandrand Freese	A Destination	<b>1</b>	1 OF 608/	(Inc
	Coemicient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	64.60	25.97	2.49	0.02	11.69	117.50
xt .	-0.56	0.34	-1.63	0.11	-1.26	0.14
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	16.46	-14,46	-0.66		1.47	<u>y</u> 2
2	17.02	-15.02	-0.69		4.41	2
3	24.30	-22.30	-1.02		7.35	2
4	20.94	-17.94	-0.82		10.29	2 3
5	18.14	-15.14	-0.69		13.24	3
6	22.62	-18.62	-0.85		16.18	4
7	25.98	-21.98	-1.01		19,12	4
₿	12.55	-8.55	-0.39		22.06	4
9	17.58	-9.58	-0.44		25.00	8
10	15. <b>9</b> 0	-6.90	-0.32		27.94	9
11	20.38	-8.38	-0.38		30.88	12
12	23.18	-10.18	-0.47		33.82	13
13	13.11	-0.11	-0.00		36.76	13
14	25.42	-10.42	-0.48		39.71	15
15	31.57	-16.57	-0.76		42.65	15
16	27.10	-10.10	-0.46		45.59	17
17	22. <b>0</b> 6	-4.06	-0.19		48.53	18
18	15.34	3.66	0.17		51.47	19
1 <del>9</del>	30.46	-10.46	-0.48		54.41	20
20	24.86	-1.86	-0.09		57.35	23
21	19.82	4.18	0.19		60.29	24
22	19.26	5.74	0.26		63.24	25
23	32.13	-7.13	-0.33		66.18	25
24	28.78	-3.78	-0.17		69.12	25
25	21.50	3.50	0.16		72.06	25
26	29.90	0.10	0.00		75.00	30
27	18.70	11.30	0.52		77.94	30
28	33.25	-1.25	-0.06		80.88	32
29	29.34	3.66	0.17		83.82	33
30	26.54	7.46	0.34		86.76	34 45
31	13.67	31.33	1.44		89.71	45 61
32	14.78	46.22	2.12		92.65	61
33	32.69	31.31	1.44		95.59	64
34	27.66	86,34	3.96		98.53	114

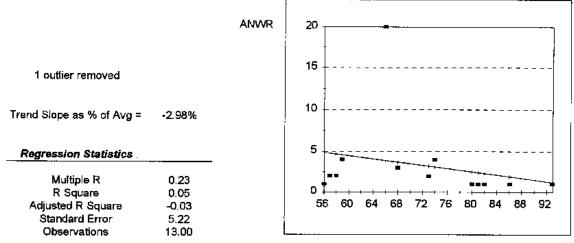
## Vesper Sparrow

vesper sparrow			
Data Corrected: Count/(Party Hours)^B where B = .82		ccw	6 5
2 outliers removed			• • • • • • • • • • • • • • • • • • •
Trend Slope as % of Avg =	0.96%		
Regression Statistics			
Multiple R	0.15		•
R Square	0.02		0 + + + + + + + + + + + + + + + + + + +
Adjusted R Square	-0,01		56 60 64 68 72 76 80 84 88 92 Year
Standard Error	1.13		, ea
Observations	29,00		[

<i>df</i> 1.00	Sum of Squares 0.76		F	Significance F	
	0 70				-
		0.76	0.59	D.45	
27.00	34.39	1.27			
28.00	35,15				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
0,49	1, <b>8</b> 5	0,26	0,80	-3,33	4.30
0.02	0.02	0.77	0.45	-0.03	0.07
Predicted Y		Stdzd Residuals		Percentile	y
1.64	-1.30	-1.15		1.72	0
1.66	-1.10	-0.98		5.17	1
2.06	-1.47	-1.30		8.62	1
1.84	-1.23	-1.09		12.07	1
2.08	-1.38	-1.22		15.52	1
1.93	-1.20	-1.07		18.97	1
2.15	-1.32	-1.17		22.41	1
1.71	-0.69	-0.61		25.86	1
1.90	-0.71	-0.63		29,31	1
1.68	-0.41	-0.37		32.76	1
1.69	-0.28	-0.25		36.21	1
2.02	-0.60	-0.53		39.66	1
2.12	-0.45	-0.40		43.10	2
1.99	-0.30	-0.27		46.55	2 2 2
1.91	-0.02	-0.02		50.00	2
1.86	0.11	0.09		53.45	2
1.80	0.24	0.21		56,90	2
2.19	-0.04	-0.03		60.34	2 2 2
2.04	0,18	0.16		63.79	2
2.01	0,32	D.28		67.24	2
	0.76	0.67		70,69	3
	0.51	0.45		74,14	3
				77.59	3
				81.03	3
1.95	0.75	0.66		84.48	3
				87.93	3
				91.38	3
					4
					5
	Coefficient 0.49 0.02 Predicted Y 1.64 1.66 2.06 1.84 2.08 1.93 2.15 1.71 1.90 1.68 1.69 2.02 2.12 1.99 1.91 1.86 1.80 2.19 2.04 2.01 1.79 2.10 1.75 1.97	CoefficientStandard Error0.491.860.020.02Predicted YResiduals1.64-1.301.66-1.102.06-1.471.84-1.232.08-1.381.93-1.202.15-1.321.71-0.691.90-0.711.68-0.411.69-0.282.02-0.602.12-0.451.99-0.301.91-0.021.860.111.800.242.19-0.042.010.511.750.861.970.721.950.751.731.261.881.481.772.45	CoefficientStandard Errort Statistic0.491.860.260.020.020.77Predicted YResidualsStdzd Residuals1.64-1.30-1.151.66-1.10-0.982.06-1.47-1.301.84-1.23-1.092.08-1.38-1.221.93-1.20-1.072.15-1.32-1.171.71-0.69-0.611.90-0.71-0.631.68-0.41-0.371.69-0.28-0.252.02-0.60-0.532.12-0.45-0.401.99-0.30-0.271.91-0.02-0.021.860.110.091.800.240.212.19-0.04-0.032.040.180.162.010.510.451.790.760.672.100.510.451.750.860.761.970.720.641.950.750.661.731.261.121.881.481.311.772.452.17	CoefficientStandard Errort StatisticP-value0.491.860.260.800.020.020.770.45Predicted YResidualsStdzd Residuals1.64-1.30-1.151.66-1.10-0.982.06-1.47-1.301.84-1.23-1.092.08-1.38-1.221.93-1.20-1.072.15-1.32-1.171.71-0.69-0.611.90-0.71-0.631.68-0.41-0.371.69-0.26-0.401.99-0.30-0.271.680.110.091.860.110.091.860.110.091.800.240.212.19-0.04-0.032.040.510.451.790.760.672.100.510.451.750.860.761.970.720.641.950.750.661.731.261.121.881.481.311.772.452.17	CoefficientStandard Errort StatisticP-valueLower 95.00% $0.49$ $1.86$ $0.26$ $0.80$ $-3.33$ $0.02$ $0.02$ $0.77$ $0.45$ $-0.03$ Predicted YResidualsStdzd ResidualsPercentile $1.64$ $-1.30$ $-1.15$ $1.72$ $1.66$ $-1.10$ $-0.98$ $5.17$ $2.06$ $-1.47$ $-1.30$ $8.62$ $1.84$ $-1.23$ $-1.09$ $12.07$ $2.08$ $-1.38$ $-1.22$ $15.52$ $1.93$ $-1.20$ $-1.07$ $18.97$ $2.15$ $-1.32$ $-1.17$ $22.41$ $1.71$ $-0.69$ $-0.61$ $29.31$ $1.69$ $-0.28$ $-0.25$ $36.21$ $2.02$ $-0.60$ $-0.53$ $39.66$ $2.12$ $-0.45$ $-0.40$ $43.10$ $1.99$ $-0.30$ $-0.27$ $46.55$ $1.91$ $-0.02$ $-0.02$ $60.00$ $1.86$ $0.11$ $0.09$ $53.45$ $1.80$ $0.24$ $0.21$ $56.90$ $2.19$ $-0.04$ $-0.03$ $60.34$ $2.04$ $0.51$ $0.45$ $74.14$ $1.75$ $0.86$ $0.76$ $77.59$ $1.97$ $0.72$ $0.644$ $81.03$ $1.97$ $0.72$ $0.644$ $81.03$ $1.98$ $1.48$ $1.31$ $91.38$ $1.77$ $2.45$ $2.17$ $94.83$

Lark Sparrow						
		ANWR+CCW	120			
			100 +			
2 outliers removed			•	• •	-	
			₩ ₩ ₩	•		
Trend Slope as % of Avg =	-2.42%		₽ ₽ ®	<b>_</b>	· · · · · · · · · · · · · · · · · · ·	
nend olope as 30 of Avg -	-242 /0	í	Count Total			
Regression Statistics			U 40 4	•		****
Regression Staustics		-	20			
Multiple R	0.29				•	
R Square Adjusted R Square	0.08 0.05		56 60 64	58 72	76 80 84	88 92
Standard Error	29.07			Ŷ	ear	
Observations	29.00	L			- ····	
Analysis of Variance	df	Sum of Square	es Mean Square	F	Significance F	r
Regression	1.00	2037.01	2037.01	2.41	0.13	-
Residual Total	27.00	22810.30	844.83			
iotal	28.00	24847.31				
	Coefficient	Standard Erro	or t Statistic	P-value	Lower 95.00%	Upper 95.00
intercept	115.70	49.20	2.35	0.03	14.74	216.66
x1	-0.96	0.62	-1.55	0.13	-2.24	0.31
Observations	Predicted Y		Stdzd Residuals		Percentile	y y
1 2	42.45 32.81	-38.45 -27.81	-1.32 -0.96		1.72 5.17	4 5
3	40.52	-34.52	-1.19		8.62	6
4 5	44.38 38.60	-37.38 -28.60	-1.29 -0.98		12.07 15.52	7
6	28.96	-18.96	-0.65		18.97	10 10
7	54.98	-43.98	-1.51		22.41	11
8 9	35,70 33,78	-24.70 -17.78	-0.85 -0.61		25.86 29.31	11 16
10	48.23	-31.23	-1.07		32,76	17
11 12	26.07 30.88	-8.07	-0.28		36.21	18
13	51.13	-11.88 -13.13	-0.41 -0.45		39.66 43.10	19 38
14	34.74	4.26	0.15		46.55	39
15 1 <del>8</del>	27.99 36.67	12.01 6.33	0.41 0.22		50.00 53.45	40 43
17	43.41	-0.41	-0.01		56.90	43
18	39.56	4.44	0.15		60.34	44
19 20	54.02 31.85	-9.02 14,15	-0.31 0.49		63.79 67.24	45 46
21	29.92	17.08	0.59		70.69	47
22 23	27.03 46.31	30.97 15. <del>69</del>	1.07 0.54		74.14 77,59	58 62
23	37,63	26.37	0.91		81.03	64
25	49.20	26.80	0.92		84.48	76
26 27	41.49 47.27	44.51 41.73	1.53 1.44		87.93 91.38	86 89
28	52.09	38.91	1.34		94.83	91
29	45.34	62.66	2.16		98.28	108

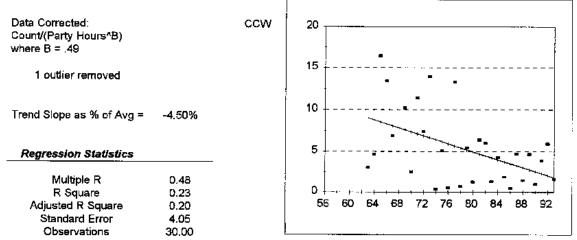
## Lark Sparrow



		df	Sum of Squares	Mean Square	F	Significance F	
	Regression	1.00	17.38	17.38	0.64	0.44	-
	Residual	11.00	299.39	27.22			
	Total	12.00	316.77				
·· · · • • • • • • • • • • • • • • • •		Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
<b></b>	Intercept	Coefficient	Standard Error 8.98	t Statistic 1.16	<i>P-value</i> 0.27	Lower 95.00%	Upper 95.00% 30.16

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.40	-1.40	-0.27	3.85	1
2	2.30	-1.30	-0.25	11.54	1
3	2.50	-1.50	-0.29	19,23	1
4	4.86	-3.86	-0.74	26.92	1
5	1.90	-0.90	-0.17	34.62	1
6	1.21	-0.21	-0.04	42.31	1
7	3.19	-1.19	-0.23	50.00	2
8	4.77	-2.77	-0.53	57.69	2
9	4.67	-2.67	-0.51	65.38	2
10	3.68	-0.68	-0.13	73.08	3
11	3.09	0.91	0,17	80.77	4
12	4.57	-0.57	-0.11	B8.46	4
13	3.88	16.12	3.09	96.15	20

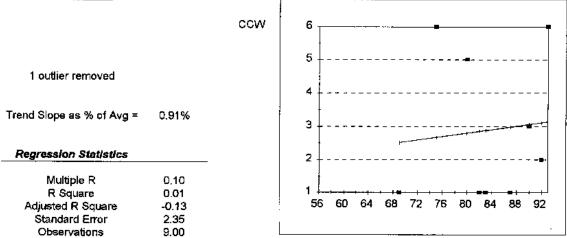
#### Lark Sparrow



minal yala vi yarianiye						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	137.26	137.26	8.36	0.01	-
Residual	28.00	459.87	16.42			
Total	29.00	597.13				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	24.16	6,55	3.69	0.00	10.74	37.58
x1	-0.24	0.08	-2.89	0.01	-0.41	-0.07

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	v
1 -	6.38	-6.01	-1.48	1,67	0
2	3.49	-3.00	-0.74	5.00	0
3	5.90	-5.34	-1.32	8.33	1
4	5.42	-4.71	-1.16	11.67	1
5	2.53	-1.52	-0.37	15.00	1
6	4.93	-3.65	-0.90	18.33	1
7	4.21	-2.90	-0.72	21.67	1
8	3.01	-1.55	-0.38	25.00	1
9	1.81	-0.21	-0.05	28.33	2
10	3.73	-1.84	-0.45	31.67	2 2
11	7.34	-4.86	-1.20	35.00	2 3
12	9.02	-6.00	-1. <b>48</b>	38,33	3
13	2.29	1.60	0.40	41.67	4
14	3.97	0.29	0.07	45.00	4
15	8.78	-4.16	-1.03	48.33	5
16	2.77	1.90	0.47	51.67	5
17	3.25	1.45	0.36	55.00	5
18	6.14	-1.05	-0.26	58.33	5 5
19	5.18	0.27	0.07	61.67	5
. 20	2.05	3.88	0.96	65,00	6
21	4.45	1.53	0.38	68.33	6
22	4,69	1.66	0.41	71.67	6
23	8.06	-1.21	-0.30	75.00	7
24	6.86	0.52	0.13	78.33	7
25	7.58	2.64	0.65	81.67	10
26	7.10	4.33	1.07	85.00	11
27	5.66	7.66	1.89	88.33	13
28	8.30	5.11	1.26	91.67	13
29	6.62	7.30	1.80	95.00	14
30	8.54	7.87	1.94	98.33	16

## Lark Bunting

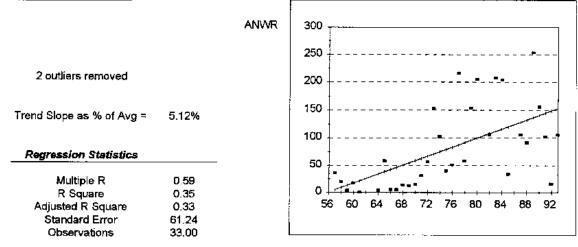


#### Analysis of Variance

Analysis of variance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.35	0.35	0.06	0.81	-
Residual	7.00	38.54	5.51			
Total	8.00	38,89				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.71	8.67	0.08	0.94	-19,79	21.21
x1	0.03	0.10	0.25	0.81	-0.22	0,27
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	Y
1	2.88	-1.88	-0.80		5.56	<u> </u>
2	2,85	-1.85	-0.79		16.67	1
3	2.98	-1.98	-0.84		27.78	1
4	2.51	-1.51	-0.64		38,89	1
5	3.11	-1.11	-0.47		50.00	2
6	3.06	-0.06	-0.03		61. <b>11</b>	3
7	2.80	2.20	0.94		72.22	5
8	2.67	3.33	1.42		83.33	6
9	3.14	2.86	1.22		94.44	6

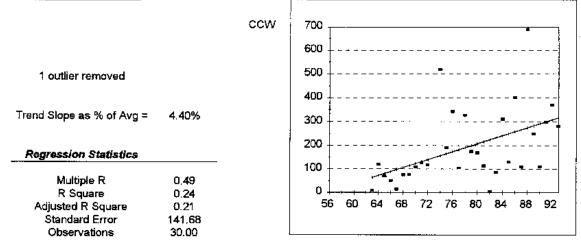
Savannah Sparrow		Г				
Data Corrected: Count/(Party Hours)^B where B ≈ .95		ANWR+CCW	8			
1 outliers removed			 20		•	
Trend Slope as % of Avg =	2.92%		Count Total Count Total Count Total Count Total			
Regression Statistics		-	3			] _•
Multiple R	0.44 0.19		2			
R Square Adjusted R Square	0.19		56 60 64	68 72	76 80 84 ear	88 92
Standard Error Observations	1.55 30.00	L	,	•		
Analysis of Variance	df	Sum of Square	s Mean Square	F	Significance F	
Regression	1.00	16.29	16.29	6.74	0.01	-
Residual	28.00	67.68	2.42			
Total	29.00	83.97				
	Coefficient	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-3,58	2.47	-1.45	0.16	-8.64	1.48
x1	0.08	0.03	2.60	0.01	0.02	0.15
Observations	Predicted Y		Stdzd Residuals	<u>.</u>	Percentile	У
1	1.88	-1.59	-1.02	_	1.67	0
2 3	1.55 1.64	-1.21 -0.64	-0.78 -0.41		5.00 8.33	0 1
4	1,80	-0.58	-0.37		11.67	1
5	3.10	-1.87	-1.20		15.00	1
6	1.72	-0.43	-0.28		18.33	1
7	2.04	-0.67	-0.43		21.67	1
8	1.96 3.35	-0.35 -1.65	-0.23 -1.06		25.00 28.33	2 2
10	3.51	-1.78	-1.15		31.67	2
11	2.29	-0.51	-0.33		35.00	2
12	2.12	-0.23	-0.15		38.33	2
13	2.53	-0.50	-0.32		41.67	2 2 2 2 2 3
14	3.75	-1.66	-1.07		45.00 48.33	2
15 16	2.21 3.84	-0.04 -1.55	-0.03 -1.00		48.33 51.67	2
17	4.00	-1.31	-0.84		55.00	3
18	3.18	-0.34	-0.22		58.33	3
19	2.86	0.20	0.13		61.67	3 3 3
20	3.92	-0.70	-0.45		65.00	3
21 22	3,67 2.78	-0.34 1.25	-0.22 0.81		68.33 71.67	3 4
22 23	2.78 3,59	0.52	0.33		75.00	4
23	2.70	1.58	1.01		78.33	4
25	2.94	1. <b>44</b>	0.92		81.67	4
26	3.27	1.20	0.77		85,00	4
27	2.61	2.00	1.28 2.05		88.33 91.67	5 6
28 29	2.45 3.02	3.19 2.65	1.71		95.00	6
30	3.43	3.94	2.53		98.33	7

## Savannah Sparrow



inalysis of variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	62917.12	62917.12	16.77	0.00	-
Residual	31.00	116277.85	3750.90			
Total	32.00	179194,97				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-228.39	76.04	-3.00	0.01	-383,48	-73.30
x1	4.10	1.00	4.10	0.00	2.06	6.14
Observations	Predicted Y	Residuals	Stdzd Residuais		Percentile	v
1	21.60	-20.60	-0.34		1.52	<u> </u>
2	33.90	-29.90	-0.49		4.55	4
3	13.40	-9.40	-0.15		7.58	4
4	46.19	-41.19	-0.67		10.61	5
5	42.09	-37.09	-0.61		13.64	5
6	54.39	-41.39	-0.68		16.67	13
7	50.29	-36.29	-0.59		19.70	14
8	58.49	-43.49	-0.71		22.73	15
9	146.65	-132.65	-2.17		25.76	16
10	17.50	0.50	0.01		28.79	18
11	9.31	10.69	0.17		31.82	20
12	62.58	-31.58	-0.52		34.85	31
13	119,96	-85.96	-1.40		37.88	34
14	5.21	30.79	0.50		40.91	36
15	78.98	-38.98	-0.64		43.94	40
16	83.07	-32.07	-0.52		46.97	51
17	66.68	-9.68	-0.16		50.00	57
18	91.27	-33.27	-0.54		53.03	58
19	37.99	20.01	0.33		56.06	58
20	132.25	-41.25	<b>-0</b> .67		59.09	91
21	144.55	-42.55	-0.69		62.12	102
22	74. <b>8</b> 8	27.12	0.44		65,15	102
23	128.16	-23.16	-0.38		68,18	105
24	152.74	-47.74	-0.78		71.21	105
25	107,66	-1.66	-0.03		74.24	106
26	70.78	82.22	1.34		77.27	153
27	95.37	58.63	0.96		80.30	154
28	140.45	15.55	0.25		83.33	156
29	115. <b>86</b>	88.14	1,44		86.36	204
30	99.47	105.53	1.72		89.39	205
31	111.76	95.24	1.56		92.42	207
32	87.17	128.83	2.10		95.45	216
33	136.35	116.65	1.90		98.48	253

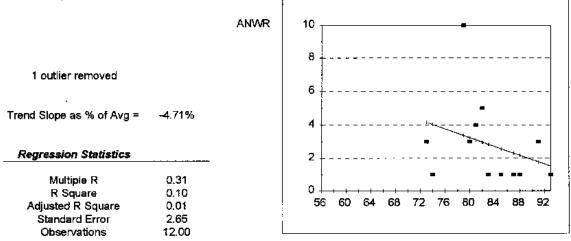
## Savannah Sparrow



Regression Residual Total	<u>df</u> 1.00 28.00 29.00	Sum of Squares 174855.70	Mean Square 174855.70	F 8.71	Significance F 0.01	-
Residual	28,00					
		562086.16	20074.51	0.1	0.01	
10.21	29.00	736941.87	20074.01			
	20.00	100041.01				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-468.06	225.05	-2.08	0.05	-929.06	-7.07
×1	8.44	2.86	2.95	0.01	2.58	14.30
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	224.09	-219.09	-1.55		1.67	<del></del> 5
	63.71	-53.71	-0.38		5.00	10
2 3	97.48	-82.48	-0.58		8.33	15
4	89,04	-39.04	-0.28		11,67	50
5	80.60	-10.60	-0.07		15.00	70
6	105.92	-29.92	-0.21		18.33	76
7	114.36	-38.36	-0.27		21.67	76
8	232.53	-146.53	-1.03		25.00	86
9	181.89	-77.89	-0.55		28.33	104
10	122.80	-14.80	-0.10		31.67	108
11	266.29	-158.29	-1.12		35.00	108
12	291.62	-181.62	-1.28		38.33	110
13	215.65	-102.65	-0.72		41.67	113
14	139.68	-21.68	-0.15		45.00	118
15	72.15	47.85	0.34		48.33	120
16	131.24	-5.24	-0.04		51.67	126
17	249,41	-119.41	-0.84		55.00	130
18	207.21	-38.21	-0.27		58.33	169
19	198.77	-24.77	-0.17		61.67	174
20	165.00	26.00	0.18		65.00	191
21	283.18	-34,18	-0.24		68.33	249
22	316.94	-35.94	-0.25		71.67	281
23	300.06	-1,06	-0,01		75.00	299
24	240.97	70.03	0.49		78.33	311
25	190.33	137.67	0.97		81.67	328
26	173.44	169.56	1.20		85.00	343
27	308,50	61.50	0.43		88.33	370
28	257,85	144.15	1.02		91.67	402
29	156.56	362.44	2.56		95.00	519
30	274.74	416.26	2.94		98.33	691

		ANWR+CCW	25 <sub>1</sub>			<u> </u>
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			20			
outliers removed			_ +			
			<b>1</b> 5			
rend Slope as % of Avg =	3.66%		는   월		-	•
	0.0070		Count 10 10 10 10 10 10 10			
		ļ			and the second	
Regression Statistics		-	5			
Multiple R	0.41		÷	P <sup></sup> •		• •
R Square	0.17		¤ <b> </b> + + + + +	· · ··+	╺━╍┾╼╍┾╍╴╞╴╺╡	<u>+_</u> +_
Adjusted R Square	0.14		56 60 64	68 72 Yi	76 80 84 ear	88 92
Standard Error	4.33					
Observations	27.00	L		r		
Analysis of Variance						
	df	Sum of Squares		F	Significance F	-
Regression	1.00	94.74	94.74	5.06	0.03	
Residual Total	25.00 26.00	467.78 562.52	18.71			
- GALL	Coefficient	Standard Error	. A Cantinatia	Dualua	1 anuar 05 000	
	coemcrent	Standard Ciro	t Statistic	P-value	Lower 95.00%	upper so.v.
Intercept	-12.32	8.36	-1.47	0.15	-29.54	4.91
x1	0.23	0.10	2.25	0.03	0.02	0.45
Observations	Predicted Y	Residuals	Stdzd Residuals	:	Percentile	y
1	4.09	-3.09	-0.71	-	1.85	1
2	3.62	-2.62	-0.61		5.56	1
3 4	8.78 2.68	-6.78 -0.68	-1.57 -0. <b>1</b> 6		9.26	2
5	2.00 5.73	-3.73	-0.86		12.96 16.67	2 2
6	5.50	-3.75	-0.80		20.37	2
7	8.07	-5.07	-0.81		20.37	23
8	4.79	-0.79	-0.18		27.78	4
9	5.96	-1.96	-0.45		31.48	4
10	9,48	-5.48	-1.27		35.19	4
11	7.84	-3.84	-0.89		38.89	4
12	5.26	-0.26	-0.06		42.59	5
13	7.37	-2.37	-0.55		46.30	5
14	3.86	2.14	0.50		50.00	6
15	6,67	-0.67	0.15		53.70	6
16	4.56	1.44	0.33		57.41	6
17	5.03	1.97	0.46		61.11	7
18	6.43	0.57	0.13		64.81	7
19	7.61	-0.61	-0.14		68,52	7
20	4.32	2.68	0.62		72.22	7
21	6.90 8.54	2.10	0.48		75.93 70.62	9
22 23	8.54 9.25	1.46 0.75	0.34 0.17		79.63	10
23 24	9.25 7.14	3.86	0.17		83,33 87.04	10 11
24 25	9.01	2.99	0.69		90.74	12
26	6.20	7.80	1,80		94,44	14
27	8.31	13.69	3.17		98.15	22

# **Grasshopper Sparrow**



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	7.47	7,47	1.06	0.33	-
Residual	10.00	70.20	7.02			
Total	11.00	77.67				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 	0001/1010/11		1000000	, ,,,,,,	20000 0000000	
 Intercept	13.90	10.76	1.29	0.22	-10.07	37.87

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.03	-3.03	-1.14	4.17	1
2	2.83	-1.83	-0.69	12.50	1
3	2.30	-1.30	-0.49	20.83	1
4	2.57	-1.57	-0.59	29.17	1
5	1.50	-0.50	-0.19	37.50	1
6	2.17	-1.17	-0.44	45.83	1
7	3.23	-0.23	-0.09	54.17	з
8	4.17	-1.17	-0.44	62.50	з
9	1,77	1.23	0.47	70,83	Э
10	3,10	0.90	0.34	79.17	4
11	2.97	2.03	0.77	87.50	5
12	3.37	6.63	2.50	95,83	10

## **Grasshopper Sparrow**

Data Corrected: Count/(Party Hours^B) where B = .86	ccw	0.25
		0.2
Trend Slope as % of Avg = 1 <i>Regression Statistics</i>	.66%	0.15
Multiple R R Square Adjusted R Square Standard Error	0.23 0.05 -0.00 0.05 19.00	0.05 56 60 64 68 72 76 80 84 88 92

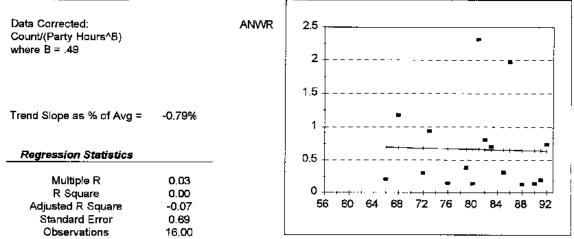
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 	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	0.00	0.00	0,91	0.35	-
Residual	17.00	0.04	0.00			
Total	18.00	0.04				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient 0.01	Standard Error 0.14	t Statistic 0.09	<i>P-value</i> 0.93	Lower 95.00%	Upper 95.00%

Observations	<b>Predicted Y</b>	Residuals	Stdzd Residuals	Percentile	y
1	0.13	-0,07	-1.47	2.63	Ò
2	0.14	-0.06	-1. <b>24</b>	7.89	0
3	0.14	-0.04	-0.91	13.16	0
4	0.15	-0.05	-1.04	18.42	0
5	0.14	-0.04	-0.76	23.68	0
6	0.15	-0.04	-0.91	28,95	0
7	0.13	-0.02	-0.31	34.21	0
8	0.14	-0.01	-0.28	39.47	0
9	0.14	-0.01	-0.19	44.74	Ō
10	0.15	-0.01	-0.15	50.00	0
11	0.13	0.01	0.30	55.26	D
12	0.13	0.02	0.34	60.53	0
13	0.16	-0.01	-0.16	65,79	0
14	0.16	0.02	0.38	71.05	0
15	0.12	0.05	1.10	76.32	0
16	0.16	0.02	0.46	81.58	0
17	0.13	0.06	1.31	86.84	0
18	0.15	0.08	1.63	92.11	Ō
19	0.15	0.09	1.89	97.37	Ō

.09% 0.37 0.14 0.10 5.14 3.00 1.00 2.00 flicient 14.43 0.25	ANWR+CCW <u>Sum of Square</u> 88.41 555.50 643.91 <u>Standard Errol</u> 11.35 0.14	88.41 26.45	F 3.34 P-value 0.22 0.08	76 80 84 Par Significance F 0.08 Lower 95.00% -38.03 -0.04	-
0.37 0.14 0.10 5.14 13.00 df 1.00 2.00 flicient 1.43 0.25 licted Y	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 v t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.37 0.14 0.10 5.14 13.00 df 1.00 2.00 flicient 1.43 0.25 licted Y	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 v t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.37 0.14 0.10 5.14 13.00 df 1.00 2.00 flicient 1.43 0.25 licted Y	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 r t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.37 0.14 0.10 5.14 13.00 df 1.00 2.00 flicient 1.43 0.25 licted Y	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 r t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.14 0.10 5.14 13.00 <b>df</b> 1.00 1.00 1.00 1.00 1.00 1.00 1.2.00 <b>fficient</b> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 r t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.14 0.10 5.14 13.00 <b>df</b> 1.00 1.00 1.00 1.00 1.00 1.00 1.2.00 <b>fficient</b> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	56 60 64 <u>s Mean Square</u> 88.41 26.45 <u>r t Statistic</u> -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.14 0.10 5.14 13.00 <b>df</b> 1.00 1.00 1.00 1.00 1.00 1.00 1.2.00 <b>fficient</b> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	56 60 64 <u>s Mean Square</u> 88.41 26.45 <u>r t Statistic</u> -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
0.10 5.14 13.00 1.00 1.00 1.00 2.00 <i>fficient</i> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	56 60 64 <u>s Mean Square</u> 88.41 26.45 <u>r t Statistic</u> -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
5.14 3.00 df 3 1.00 2.00 fficient 4.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	s Mean Square 88.41 26.45 r t Statistic -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- - - 9.16
df :: 1.00 1.00 2.00 fficient 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	88.41 26.45 r <b>t Statistic</b> -1.27	F 3.34 <b>P-vaiue</b> 0.22	<u>Significance F</u> 0.08 Lower <b>95.00%</b> -38.03	- <i>Upper 95.0</i> 9.16
df 1.00 1.00 2.00 fficient 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	88.41 26.45 r <b>t Statistic</b> -1.27	3.34 <i>P-value</i> 0.22	0.08 Lower 95.00% -38.03	- <i>Upper 95.0</i> 9.16
1.00 11.00 2.00 <i>fiicient</i> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	88.41 26.45 r <b>t Statistic</b> -1.27	3.34 <i>P-value</i> 0.22	0.08 Lower 95.00% -38.03	- <i>Upper 95.0</i> 9.16
1.00 11.00 2.00 <i>fiicient</i> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	88.41 26.45 r <b>t Statistic</b> -1.27	3.34 <i>P-value</i> 0.22	0.08 Lower 95.00% -38.03	- <i>Upper 95.0</i> 9.16
1.00 11.00 2.00 <i>fiicient</i> 14.43 0.25	88.41 555.50 643.91 <i>Standard Errol</i> 11.35 0.14	88.41 26.45 r <b>t Statistic</b> -1.27	3.34 <i>P-value</i> 0.22	0.08 Lower 95.00% -38.03	- <i>Upper 95.0</i> 9.16
2.00 fficient (4.43 0.25 licted Y	643.91 <u>Standard Errol</u> 11.35 0.14	r <u>t Statistic</u> -1.27	0.22	-38.03	9.16
2.00 fficient (4.43 0.25 licted Y	643.91 <u>Standard Errol</u> 11.35 0.14	r <u>t Statistic</u> -1.27	0.22	-38.03	9.16
4.43 ).25	11.35 0.14	-1.27	0.22	-38.03	9.16
0.25 licted Y	0.14				
licted Y		1.83	0,08	-0.04	0.54
		Odalaat Da aialwata		Davaantila	
2.37	Residuals -1.37	Stdzd Residuals -0.27	_	2.17	<u>y</u>
5,42	-4,42	-0.86		6.52	1
_					
4.40	-3.40	-0.66		10.87	1
5.93	-3,93	-0.76		15.22	2
4.91	-2.91	-0.57		19.57	2
5.17	-3.17	-0.62		23.91	2
3.73	-5.73	-1.11		28.26	3
1.66	-1.66	-0.32		32.61	3
3.48					4
					4
					4
64					
					5 5 5
					5
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					6
					7
					7
3. <b>8</b> 9	3.11	0.60		76.09	7
.71		0.06			8
					12
					15
					19 20
	4.48 5.95 5.22 6.64 8.88 5.97 6.68 6.69 5.24 8.89 7.1 20 5.98 5.46	448     -4.48       595     -2.95       522     -4.22       64     1.36       588     2.12       597     -2.97       668     0.32       69     0.31       1.24     -2.24       89     3.11       .71     0.29       .20     4.80       .98     6.02       .46     11.54	448       -4.48       -0.87         595       -2.95       -0.57         222       -4.22       -0.82         664       1.36       0.26         88       2.12       0.41         .97       -2.97       -0.58         .68       0.32       0.06         .69       0.31       0.06         .24       -2.24       -0.44         .89       3.11       0.60         .71       0.29       0.06         .20       4.80       0.93         .98       6.02       1.17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	448-4.48-0.8736.96 $595$ -2.95-0.5741.30 $222$ -4.22-0.8245.65 $644$ 1.360.2650.00 $288$ 2.120.4154.35 $597$ -2.97-0.5858.70 $68$ 0.320.0663.04 $69$ 0.310.0667.39 $244$ -2.24-0.4471.74 $89$ 3.110.6076.09 $71$ 0.290.0680.43 $20$ 4.800.9384.78 $98$ 6.021.1789.13 $46$ 11.542.2493.48

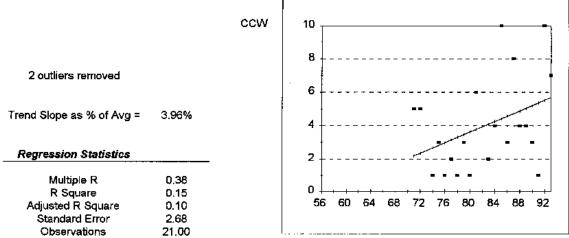
# LeConte's Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.00	0.00	0.01	0.92	-
Residual	14.00	6,66	0.48			
Total	15.00	6.67				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.84	1.80	0.47	0.65	-3.02	4.70
x1	-0.00	0.02	-0.10	0.92	-0.05	0.05

Observations	Predicted Y	Residuals	Stdzd Residuais	Percentile	y
1	0.65	-0.52	-0.75	3.13	0
2	0.64	-0.50	-0.73	9.38	0
3	0.66	-0.52	-0.76	15.63	0
4	0.67	-0.53	-0.77	21.88	0
5	0.64	-0,44	-0.64	28.13	0
6	0.70	-0.49	-0.71	34,38	0
7	0,68	-0.38	-0.55	40.63	0
8	0.65	-0.34	-0.50	46,88	0
9	0,67	-0.28	-0.41	53,13	0
10	0.66	0.05	0.07	59.38	1
11	0.64	0,10	0.15	65.63	1
12	0.66	0.14	0.21	71.88	1
13	0.68	0,26	0.38	78.13	1
14	0.69	0.49	0.71	84.38	1
15	0.65	1.32	1.91	90.63	2
16	0.66	1.65	2.40	96.88	2

# LeConte's Sparrow



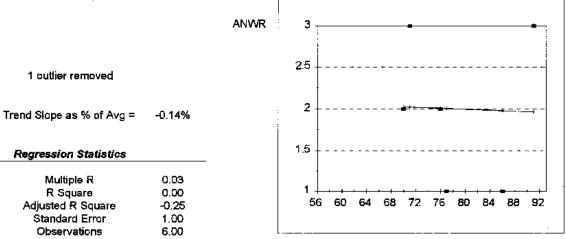
### Analysis of Variance

-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	23.31	23.31	3.24	0.09	-
Residual	19.00	136.69	7.19			
Total	20.00	160.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-9.07	7.28	-1.24	0.23	-24.32	6.18
		0.09	1.80	0.09	-0.03	0.34
Intercept	-9.07	1 - ++=				

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	2.66	~1.66	-0.62	2.38	1
2	3.61	-2.61	-0.97	7.14	1
3	2.98	-1.98	-0.74	11.90	1
4	3.30	-2.30	-0.86	16,67	1
5	5.36	-4.36	-1.63	21.43	1
6	3.14	-1.14	-0.42	26.19	2
7	4.09	-2.09	-0.78	30.95	2
8	2.82	0.18	0.07	35.71	3
9	4.57	-1.57	-0.58	40.48	3
10	3.46	-0.46	-0.17	45.24	3
11	5.20	-2.20	-0.82	50.00	3
12	4.25	-0.25	-0.09	54.76	4
13	4.88	-0.88	-0.33	59.52	4
14	5.04	-1.04	-0.39	64.29	4
15	2.35	2.65	0.99	69.05	5
16	2.19	2.81	1.05	73.81	5
17	3.77	2.23	0.83	78.57	6
18	5.68	1.32	0.49	83.33	7
19	4.72	3,28	1.22	88.10	8
20	4.41	5.59	2.08	92.86	10
21	5.52	4.48	1.67	97.62	10

Sharp-tailed Sparrow		Г				
		ANWR+COW	7			
			6			
outliers removed						
rend Slope as % of Avg =	-3.30%		Count Total Count			•
	0.0011		8, 			
Regression Statistics			ł			
Multiple R	0.32	-	2			
R Square	0.10		1			
Adjusted R Square	0.05		56 60 64	68 72 Ye	76 60 84 64 362,7	8 92
Standard Error Observations	1.90 18.00	:				
000014110110	10.00					
Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	6.50	6.50	1.81	0.20	
Residual Total	16.00 17.00	57.50 64,00	3.59			
4 <b>0 CA</b> (			t Statistic	<b>D</b> value	Lower OF ADM	(Inner DE O
		Standard Error			Lower 95.00%	
Intercept x1	9.81 -0.09	5.33 0.07	1.84 -1.35	0.08 0.20	-1.4 <del>9</del> -0.23	<b>21</b> .12 0,05
XI	-0.09	0.07	-1.35	0.20	-0.23	0,00
Observations	Predicted Y		Stdzd Residuals		Percentile	<u>y</u>
1 2	1.73 2.34	-0.73 -1.34	-0.38 -0.71		2.78 8.33	1 1
3	1.99	-0.99	-0.52		13.89	1
4	2.87	-1.87	-0.99		19.44	1
5	2.52	-1.52	-0.80		25.00	1
6	2.43	-1.43	-0.76		30.56	1
7	2.70 2.96	-1.70	-0.89 -0.51		36.11 41.67	1
8 9	2.96 3.66	-0.96 -1.66	-0,88		47.22	2 2
10	3.88	-1.31	-0,69		52.78	2
11	3.14	-0.14	-0.07		58.33	3
12	1.82	1.18	0.62		63.89	
13	2.78	0.22	0.11		69.44	3 3 4
14	3.22	0,78	0.41		75.00	
15	1.64	2.36	1.24		80.56	4
16	2.26	1.74	0.92		86.11	4
17 18	3.05 3.57	3.95 3.43	2.09 1.81		91.67 97.22	7 7
10	3.57	3,43	1.01		51.22	ŕ

# Sharp-tailed Sparrow



#### Analysis of Variance

Intercept

6

2.22

2.02

	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	0.00	0.00	0.00	0.96
Residual	4.00	4.00	1.00		
Total	5.00	4.00			
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00% Upper 95.00%

4.22

0.98

x1	-0.00	0.05	-0.05	0.96	-0.15	0.15
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	1.98	-0.98	-0.98		8.33	1
2	2.00	-1.00	-1.00		25.00	1
3	2.01	-0.01	- <b>0</b> .01		41.67	2
4	2.02	-0.02	-0.02		58.33	2
5	1.96	1.04	1.04		75.00	3

0.53

0,98

0.62

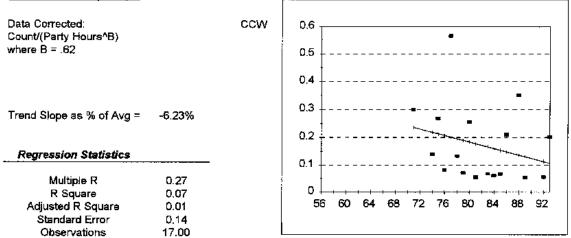
-9.48

91.67

13.93

3

# Sharp-tailed Sparrow



### Analysis of Variance

Intercept

x1

0.66

-0.01

	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.02	0.02	1.17	0.30	
Residual	15.00	0.30	0.02			
Total	16.00	0.32				
·	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Jpper 95.00%

1.46

-1.08

0.16

0.30

-0.30

-0.02

1.61

0.01

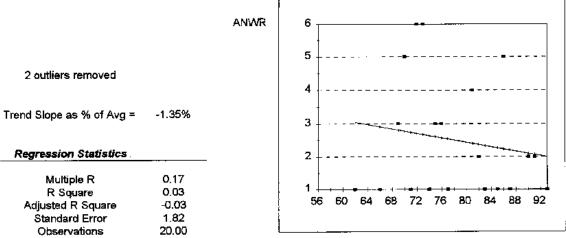
0.45

0.01

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0,13	-0.08	-0.54	2.94	0
2	Ð.18	-0.12	-0.87	8.82	0
3	0.11	-0,06	-0.41	14.71	0
4	0.16	-0.10	-0.71	20.59	0
5	0.15	-0.09	-0.62	26.47	0
6	0.17	-0.10	-0.70	32.35	0
7	0.19	-0.12	-0.84	38.24	0
8	0.21	-0.12	-0.89	44.12	0
9	0.20	-0.06	-0.44	50.00	0
10	0.22	-0,08	-0.57	55,88	0
11	0.11	0.09	0.67	61.76	0
12	0.15	0.06	0.44	67.65	0
13	0.18	0.07	0.52	73.53	0
14	0.21	0.06	0.40	79.41	0
15	0,24	0.06	0.44	85.29	0
16	0.14	0.21	1.53	91.18	0
17	0.20	0.37	2.60	97.06	1

		ANWR+CCW	50			
			i	-		
		1	40			[
outilers removed						-
			5 30			
Frend Slope as % of Avg =	-0.11%				-	
i ond onope as the of the g =	0.1070		Z 20		- <u>-</u>	
			• •			,
Regression Statistics			10			
Multiple R	0.01		ł			
R Square	0.00		o			╸
Adjusted R Square	-0.04		56 60 64	68 72	76 80 84	86 92
Standard Error	11.00			Y	ear	
Observations	26.00	Ĺ				
Analysis of Variance						
		Sum of Squares		F	Significance i	F
Regression	1.00	0.40	0.40	0.00	0.95	_
Residual	24,00	2904.57	121.02			
Total	25.00	2904.96				
	Coefficient	Standard Error	r t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercent	13.05	19 17	88.0	0.50	-26 51	52.61
Intercept	13.05 -0.01	19.17 0.24	0.68	0,50	-26,51 -0.51	52.61 0.48
Intercept x1	13.05 -0.01	19.17 0.24	0.68 -0.06	0,50 0,95	-26,51 -0,51	52.61 0.48
×1	-0.01	0.24	-0.06		-0.51	
x1 Observations	-0.01 Predicted Y	0.24 Residuais	-0.06 Stdzd Residuels		-0.51 Percentile	0.48 <b>y</b>
x1 Observations 1	-0.01 Predicted Y 11.90	0.24 <i>Residuals</i> -10,90	-0.06 Stdzd Residuals -0.99		-0.51 <u>Percentile</u> 1.92	
x1 Observations 1 2	-0.01 Predicted Y	0.24 Residuais	-0.06 Stdzd Residuels		-0.51 Percentile	0.48 <u>y</u> 1 1
x1 Observations 1	-0.01 <b>Predicted Y</b> 11.90 12.17	0.24 <i>Residuals</i> -10,90 -11.17	-0.06 Stdzd Residuals -0.99 -1.02		-0.51 Percentile 1.92 5.77	0.48 <u>y</u> 1 1 2
x1 Observations 1 2 3 4	-0.01 <i>Predicted Y</i> 11.90 12.17 12.14 12.12	0.24 <b>Residuais</b> -10.90 -11.17 -10.14 -9.12	-0.06 Stdzd Residuals -0.99 -1.02 -0.92		-0.51 Percentile 1.92 5.77 9.62 13.46	0.48 <u>y</u> 1 1 2 3
x1 Observations 1 2 3	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14	0.24 <b>Residuais</b> -10.90 -11.17 -10.14	-0.06 Stdzd Residuals -0.99 -1.02 -0.92 -0.83		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31	0.48 <u>y</u> 1 1 2
x1 Observations 1 2 3 4 5	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85	0.24 <b>Residuais</b> -10.90 -11.17 -10.14 -9.12 -8.85	-0.06 Stdzd Residuals -0.99 -1.02 -0.92 -0.83 -0.80		-0.51 Percentile 1.92 5.77 9.62 13.46	0.48 <u>y</u> 1 1 2 3 3 3
x1 Observations 1 2 3 4 5 6 7	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77	0.24 <u>Residuals</u> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15	0.48 <u>y</u> 1 2 3 3 4
x1 Observations 1 2 3 4 5 6 7 8	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85	0.48 <u>y</u> 1 1 2 3 3 4 4 5
x1 Observations 1 2 3 4 5 6 7	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69	0.48 <u>y</u> 1 2 3 3 4 4 5 6
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54	0.48 <u>y</u> 1 2 3 4 4 5 6 6
x1 Observations 1 2 3 4 5 6 7 8 9 10 11	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54 -0.54 -0.54		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38	0.48 <u>y</u> 1 2 3 3 4 4 5 6 6 6
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23	0.48 <u>y</u> 1 2 3 3 4 4 5 6 6 6 7
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99	0.24 <b>Res/duals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.555 -0.		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08	0.48 1 1 2 3 3 4 4 5 6 6 6 7 7 7
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.57 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92	0.48 1 1 2 3 4 4 5 6 6 6 6 7 7 7 8
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.57 -0.56 -0.56 -0.56 -0.56 -0.57 -0.56 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77	0.48 1 1 2 3 3 4 4 5 6 6 6 6 7 7 7 8 10
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.80 -4.99 -4.05 -1.79 -0.88	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.55 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62	0.48 1 1 2 3 3 4 4 5 6 6 6 6 6 7 7 7 8 10 11
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.80 -4.99 -4.05 -1.79 -0.88 0.99	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.56 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46	0.48 1 1 2 3 3 4 4 5 6 6 6 6 6 7 7 7 8 10 11 13
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.55 -0.54 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31	0.48 1 1 2 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.52 -0.54 -0.54 -0.54 -0.54 -0.52 -0.54 -0.54 -0.52 -0.54 -0.54 -0.52 -0.54 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.54 -0.52 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15	0.48 1 1 2 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14 15
x1 <i>Observations</i> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87 12.18	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.52 -0.54 -0.54 -0.54 -0.54 -0.52 -0.54 -0.54 -0.54 -0.52 -0.54 -0.54 -0.54 -0.52 -0.54 -0.54 -0.54 -0.52 -0.54 -0.54 -0.54 -0.54 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.52 -0.54 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.52 -0.53 -0.52 -0.55 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00	0.48 1 1 2 3 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14 15 16
x1 <b>Observations</b> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87 12.18 12.02	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82 6.98	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.45 -0.37 -0.16 -0.08 0.09 0.19 0.28 0.35 0.63		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00 78.85	0.48 1 1 2 3 3 4 4 5 6 6 6 7 7 8 10 11 13 14 15 16 19
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87 12.18 12.02 11.84	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82 6.98 9.16	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.55 -0.5		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 45.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00 78.85 82.69	0.48 1 1 2 3 3 4 4 5 6 6 6 7 7 8 10 11 13 14 15 16 19 21
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87 12.18 12.02 11.84 11.91	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82 6.98 9.16 11.09	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.45 -0.37 -0.16 -0.08 0.09 0.19 0.28 0.35 0.63 0.83 1.01		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00 78.85 82.69 86.54	0.48 1 1 2 3 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14 15 16 19 21 23
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.99 12.05 11.79 11.79 11.88 12.01 11.92 11.87 12.18 12.02 11.84 11.91 12.09	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82 6.98 9.16 11.09 15.91	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.45 -0.37 -0.16 -0.08 0.09 0.19 0.28 0.35 0.63 0.83 1.01 1.45		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00 78.85 82.69 86.54 90.38	0.48 1 1 2 3 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14 15 16 19 21 23 28
x1 Observations 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	-0.01 <b>Predicted Y</b> 11.90 12.17 12.14 12.12 11.85 11.77 12.10 11.81 11.94 11.98 11.96 11.80 11.99 12.05 11.79 11.88 12.01 11.92 11.87 12.18 12.02 11.84 11.91	0.24 <b>Residuals</b> -10.90 -11.17 -10.14 -9.12 -8.85 -7.77 -8.10 -6.81 -5.94 -5.98 -5.96 -4.80 -4.99 -4.05 -1.79 -0.88 0.99 2.08 3.13 3.82 6.98 9.16 11.09	-0.06 <b>Stdzd Residuals</b> -0.99 -1.02 -0.92 -0.83 -0.80 -0.71 -0.74 -0.62 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.54 -0.45 -0.37 -0.16 -0.08 0.09 0.19 0.28 0.35 0.63 0.83 1.01		-0.51 Percentile 1.92 5.77 9.62 13.46 17.31 21.15 25.00 28.85 32.69 36.54 40.38 44.23 48.08 51.92 55.77 59.62 63.46 67.31 71.15 75.00 78.85 82.69 86.54	0.48 1 1 2 3 3 4 4 5 6 6 6 6 7 7 8 10 11 13 14 15 16 19 21 23

## Seaside Sparrow

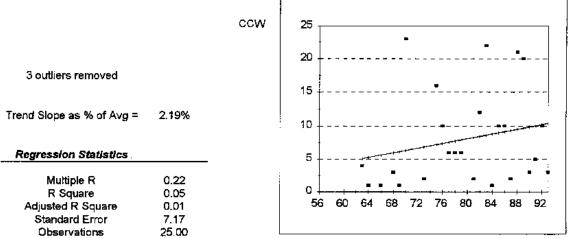


# Analysis of Variance

Vindigolo V/ Parlanee	đť	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1.67	1.67	0.51	0.49	-
Residual	18.00	59.33	3.30			
Total	19.00	61.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.14	3.73	1.38	0.18	-2.69	12.97
x1	-0.03	0.05	-0,71	0.49	-0.13	0.07

Observations	Predicted Y	Residuais	Stdzd Residuals	Percentile	У
1	2.74	-1.74	-0.96	2.50	1
2	2.64	-1.64	-0.90	7.50	1
3	2.91	-1.91	-1.05	12.50	1
4	3.05	-2.05	-1.13	17.50	1
5	2.20	-1.20	-0.66	22.50	1
6	2.54	-1.54	-0.85	27.50	1
7	2.00	-1.00	-0.55	32,50	1
8	2.27	-1.27	-0.70	37.50	1
9	2.34	-1.34	-0.74	42.50	1
10	2.37	-0.37	-0.20	47,50	2
11	2.07	-0.07	-0.04	52.50	2
12	2.10	-0.10	-0.06	57.50	2
13	2:61	0.39	0.22	62.50	3
14	<b>2</b> .57	0.43	0.24	67.50	3
15	2.81	0.19	0.11	72.50	3
16	2.40	1.60	0.88	77,50	4
17	2.78	2.22	1.23	82.50	5
18	2.24	2.76	1.52	87.50	5
19	2.67	3.33	1.83	92.50	6
20	2.71	3.29	1.81	97.50	6

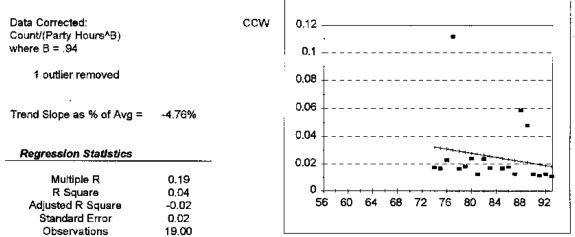
## Seaside Sparrow



df	Sum of Squares	Mean Square	F	Significance F	
1.00	62.26	62.26	1.21	0.28	-
23.00	1183.74	51.47			
24.00	1246.00				
Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
-5.95	12.77	-0.47	0.65	-32.36	20.46
	1.00 23.00 24.00	1.00 62.26 23.00 1183.74 24.00 1246.00	1.00 62.26 62.26 23.00 1183.74 51.47 24.00 1246.00	1.00 62.26 62.26 1.21 23.00 1183.74 51.47 24.00 1246.00	1.00 62.26 62.26 1.21 0.28 23.00 1183.74 51.47 24.00 1246.00

Observations	Predicted Y	Residuais	Stdzd Residuals	Percentile	У
1	5.27	-4.27	-0.60	2.00	1
2	8.78	-7.78	-1.08	6.00	1
3	6.15	-5.15	-0.72	10.00	1
4	5.62	-4.62	-0.64	14.00	1
5	6.85	-4.85	-0.68	18.00	2
6	9.30	-7.30	-1.02	22.00	2
7	8.25	-6.25	-0.87	26.00	2
8	10.36	-7.36	-1.03	30.00	3
9	5.97	-2.97	-0.41	34.00	3
10	9.83	-6.83	-0.95	38.00	3
11	5.10	-1.10	-0.15	42.00	4
12	10.01	-5.01	-0.70	46.00	5
13	7.73	-1.73	-0.24	50,00	6
14	7.55	-1.55	-0.22	54.00	6
15	7.90	-1.90	-0.27	58,00	6
16	7.38	2.62	0.37	62.00	10
17	8,95	1.05	0.15	66.00	10
18	9.13	0.87	0.12	70.00	10
19	10,18	-0.18	-0.03	74.00	10
. 20	8.43	3.57	0.50	78.00	12
21	7.20	8.80	1.23	82.00	16
22	9.66	10.34	1.44	86.00	20
23	9.48	11.52	1.61	90.00	21
24	8,60	13.40	1.87	94,00	22
25	6.32	16.68	2.32	98.00	23

## Fox Sparrow

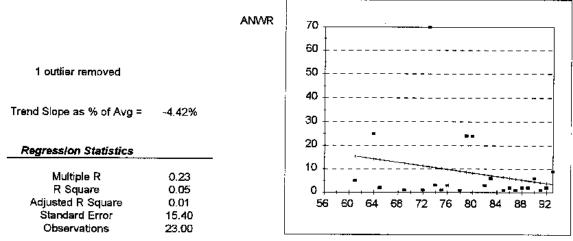


	df	Sum of Squares	Mean Square	F	Significance F	
 Regression	1.00	0.00	0.00	0.64	0.43	-
Residual	17.00	0.01	0.00			
Total	18.00	0.01				
 	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
 Intercept	Coefficient 0.09	Standard Error	t Statistic	<i>P-value</i> 0.28	-0.08	Upper 95.00%

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	0.02	-0.01	-0.30	2.63	Ó
2	0.02	-0.01	-0.33	7.89	0
3	0.03	-0.01	-0.61	13.16	0
4	0.02	-0.01	-0.32	18.42	D
5	0.02	-0.01	-0.41	23,68	Ð
6	0.02	-0.01	-0.25	28.95	0
7	0.03	-0.01	-0.53	34.21	0
8	0.03	-0.02	-0.62	39.47	0
9	0.02	-0.01	-0.30	44.74	0
10	0.03	-0.01	-0.36	50.00	0
11	0.03	-0.02	-0.61	55,26	0
12	0.02	-0.01	-0.23	60.53	0
13	0.03	-0.01	-0.43	65,79	0
14	0.03	-0.01	-0.34	71.05	0
15	0.03	-0.00	-0.11	76.32	0
16	0.03	-0.00	-0.16	81.58	0
17	0.02	0.03	1.09	86.84	0
18	0.02	0.04	1.50	92.11	0
19	0.03	0.08	3.32	97.37	0

		ANWR+CCW	100			·
			80	• 	<b>_</b>	
outliers removed			_			i
		-	<b>B</b> 60			
rend Slope as % of Avg =	1.16%	[				•
			8 40			[
Regression Statistics			-		-	<b>.</b>
Regression statistics		-	20		 , • • • • • • • • •	<b>-</b>
Multiple R	0.09					. • •
R Square Adjusted R Square	0.01 -0.03	İ	0 <del>  →   -→  </del> 56 60 64	68 72	· + · · · · · · · · · · · · · · · · · ·	88 92
Standard Error	-0.03			Ť	ear	
Observations	29.00	L				
Analysis of Variance						
	df	Sum of Square		F	Significance F	_
Regression Residual	1.00 27.00	74.97 9232.34	74.97	0.22	0.64	-
Total	27.00	9232.34 9307.31	341.94			
				<b>_</b> .		
· · · · · · · · · · · · · · · · · · ·	COemclent	Standard Erro	r t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	1.42	30.82	0.05	0,96	-61.82	64.66
x1	0.18	0.39	0.47	0.64	-0.62	0.98
Observations	Predicted Y	Residuais	Stdzd Residuel:	5	Percentile	y
1	13.67	-12.67	-0.69	_	1.72	1
2 3	13.49 14.04	-12.49	-0.68		5.17	1
3 4	14.04	-11.04 -10.85	-0.60 -0.59		8.62 12.07	3 3
5	18.06	-14.06	-0.76		15.52	4
6	17.15	-13,15	-0.71		18.97	4
7	13,31	-9.31	-0.50		22.41	4
8	17.33	-12.33	-0.67		25.86	5
9	16.41	-11.41	-0.62		29.31	5
10	16.96	-10.96	-0.59		32.76	6
11 12	14.95 15.32	-7.95	-0.43		36.21	7
13	15.13	-8.32 -8.13	-0.45 -0.44		39.66	7 7
14	15.68	-5.68	-0.31		43.10 46.55	10
15	14.59	-3,59	-0.19		50.00	11
16	17.88	-5.88	-0.32		53.45	12
17	18.43	-5.43	-0.29		56.90	13
18	16.78	-3.78	-0.20		60.34	13
19	16.60	-0.60	-0.03		63,79	16
20	14.40	1,60	0.09		67.24	16
21	14.22	2.78	0.15		70.69	17
22	15.50	2.50	0.14		74.14	18
23	18.24	3.76	0.20		77.59	22
24	15.87	9.13	0.49		81.03	25
25	13.12	11.88	0.64		84.48	25
26 27	17.69	8.31	D.45		87.93	26
27 28	16.05 17.51	15.95 37.49	D.86		91.38	32
	17.51 14 77	37.49 74 23	2.03		94.83 98.28	55 89
29	14.77	74.23	4.01		98.28	89

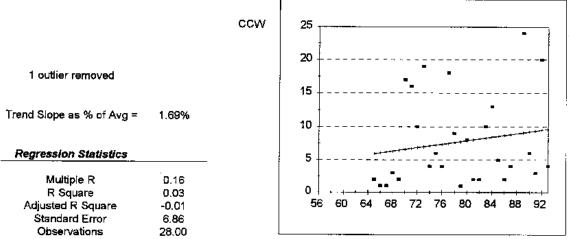
## Song Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	274.65	274.65	1.16	0.29	-
Residual	21.00	4981.09	237.19			
Total	22.00	5255.74				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95,00%	Upper 95.00%
Intercept	Coefficient 38.32	Standard Error 27.91	t Statistic 1.37	<i>P-value</i> 0.18	Lower 95.00%	Upper 95.00% 96.37

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	12.47	-11.47	-0.74	2,17	1
2	4.23	-3.23	-0.21	6.52	1
3	11.34	-10.34	-0.67	10.87	1
4	5.73	-4.73	-0.31	15.22	1
5	10.22	-9.22	-0.60	19.57	1
6	6.47	-5.47	-0.36	23.91	1
7	9.10	-8.10	-0.53	28.26	1
8	4.98	-2.98	-0.19	32.61	2
9	3.85	-1.85	-0.12	36.96	2
10	13.97	-11.97	-0.78	41.30	2 2
11	5.35	-3.35	-0.22	45.65	2
12	6.10	-4.10	-0.27	50.00	2
13	10.60	-7.60	-0.49	54.35	3
14	7.60	-4.60	-0.30	58.70	3
15	9.85	-6.85	-0.44	63.04	3
16	15.47	-10.47	-0.68	67.39	5
17	4.60	1.40	0.09	71.74	6
18	7.22	-1.22	-0.08	76.09	6
19	3.48	5.52	0.36	80.43	9
20	8.72	15.28	0.99	84.78	24
21	8.35	15.65	1.02	89,13	24
22	14.34	10.66	0.69	93.48	25
23	10,97	59.03	3.83	97.83	70

# Song Sparrow



manyara vi tanance						
	đf	Sum of Squares	Mean Square	F	Significance F	
Regression	1,00	33.26	33.26	0.71	0.41	-
Residual	26.00	1222.45	47.02			
Total	27.00	1255.71				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2.57	12.30	-0.21	0.84	-27.85	22.71
x1	0.13	0.16	0.84	0.41	-0.19	0.45

Observatio	ons Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	6.06	-5.06	-0.74	1.79	1
2	6.19	-5.1 <del>9</del>	-0.76	5.36	1
3	7.76	-6.76	-0.99	8.93	1
4	5.93	-3.93	-0.57	12.50	2
5	6.45	-4.45	-0.65	16.07	2 2 2
6	8.02	-6.02	-0.88	19.64	2
7	8.15	-6.15	-0.90	23.21	2
8	8.67	-6.67	-0.97	26.79	2
9	6.32	-3.32	-0.48	30,36	3
10	9.33	-6.33	-0.92	33,93	3
11	7.10	-3.10	-0,45	37.50	4
12	8.80	-4.80	-0.70	41.07	4
13	9.59	-5.59	-0.81	44.64	4
14	7.36	-3.36	-0.49	48.21	4
15	8.54	-3.54	-0.52	51.79	5
16	7.23	-1.23	-0.18	55.36	6
17	9.19	-3.19	-0.47	58.93	6
18	7.89	0.11	0.02	62.50	8
19	7.63	1.37	0.20	66.07	9
20	8.28	1.72	0.25	69.64	10
21	6. <b>84</b>	3.16	0.46	73.21	10
22	8.41	4.59	0.67	76.79	13
23	6.71	9.29	1.35	80.36	16
24	6.58	10.42	1.52	83.93	17
25	7.49	10.51	1.53	87.50	18
26	6.97	12.03	1.75	91.07	19
27	9.46	10.54	1.54	94.64	20
28	9.06	1 <b>4</b> .94	2.18	98.21	24

Lincoln's Sparrow						
		Ĺ				
		ANWR+CCW	500			····
				-	-	
			400 <u> </u>			- <u>-</u>
		İ	<u>ឆ្</u> 350			
			tino 250	•		
Trend Slope as % of Avg =	2.26%		5			
			ပိ <sup>250</sup> +			
Regression Statistics			200	مورد د د د د		
Regression Stausues		-		and the second second		
Multiple R	0.35		150 +	•		• · · · · ·
R Square	0.12		100 +++			<sup>_</sup>
Adjusted R Square	0.09		56 6D 64	66 72 Ye	76 80 84 Bar	88 92
Standard Error	125.18					
Observations	31.00	L		· · · •		
Analysis of Variance	df	Frim of Sauces	· Maan Sawara	E	Cignificance F	-
Regression	1.00	Sum of Square 62752.27	s Mean Square 62752.27	F 4.00	Significance F 0.05	- -
Residual	29.00	454435.67	15670.20	4.00	0.00	
Total	30.00	517187,94				
	Coeff/cient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
					• • • •	··· ···
intercept x1	-170.10 5.03	197.35 2.51	-0.86 2.00	0.40 0.05	-573.73 -0.11	233.53 10.17
XI	5.05	2.51	2.00	0.05	-0.11	10.17
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	
1	146.80	-134.80	-1.08		1.61	<u>y</u> 12
2	151.83	-121.83	-0.97		4,84	30
3	156.86	-121.86	-0.97		8.06	35
4	171.96	-132.96	-1.06		11.29	39
5	161.90	-116.90	-0.93		14.52	45
6	166.93	-88.93	-0.71		17.74	78
7	282.62	-202.62	-1.62		20.97	80
8 9	247.41 267.53	-122.41 -136.53	-0.98 -1.09		24.19 27.42	125 131
10	182.02	-48.02	-0.38		30.65	134
11	227.29	-75.29	-0.60		33.87	152
12	237.35	-80.35	-0.64		37.10	157
13	217.23	-55.23	-0.44		40.32	162
14	257.47	-80.47	-0.64		43,55	177
15	242.38	-39.38	-0.31		46.77	203
16	222.26	3.74	0.03		50.00	226
17	277,59	-40.59	-0.32		53.23	237
18	292.68	-12.68	-0.10		56.45 50.69	280
19 20	287.65 232.32	9.35 81.68	0.07 0.65		59,68 62,90	297 314
20	202.14	114.86	0.92		66.13	314
22	207.17	111,83	0.89		69.35	319
23	262.50	63.50	0.51		72.58	326
24	252.44	74.56	0.60		75.81	327
25	187.05	139.95	1. <b>12</b>		79.03	327
26	192.08	147.92	1.18		82.26	340
27	297.71	46.29	0.37		85.48	344
28	272.56	117.44	0.94		88.71	390
29	197.11	216,89	1.73 1.66		91.94 95.16	414 420
30 31	212.20 176.99	207.80 275.01	2.20		98.39	420 452
31	170,00	210.01	2.20		55.53	⊤v∡

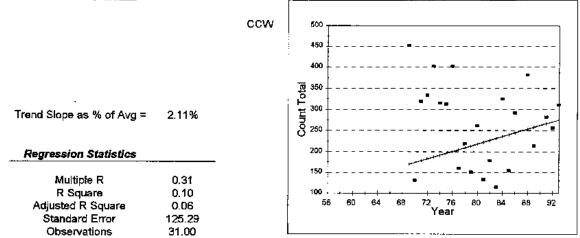
# Lincoln's Sparrow

Data Corrected: Count/(Party Hours^B) where B = .71	ANWR	2
2 outliers removed		1.5
Trend Slope as % of Avg ≂	4.86%	1
Regression Statistics		0.5
Multiple R R Square Adjusted R Square Standard Error Observations	0.37 0.13 0.10 0.50 24.00	0 56 60 64 68 72 76 80 84 88 92

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····· <b>·</b>	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.87	0.87	3.43	0.08	-
Residual	22.00	5.56	0,25			
Total	23.00	6.42				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-1.22	1.07	-1.14	0.27	-3,45	1.00
x1	0.02	0.01	1.85	0.08	-0.00	0,05
Observations	Predicted Y	Residuais	Stdzd Residuals		Percentile	¥
1	0.71	-0.66	-1.31		2.08	<u> </u>
2	0,59	-0.49	-0.97		6.25	0
3	0.83	-0.72	-1.43		10.42	0
4	0.66	-0.54	-1.07		14.58	0
5	0.49	-0.22	-0.44		18.75	0
6	0.61	-0,31	-0.62		22.92	0
7	0.54	-0.16	-0.31		27.08	0
8	0.93	-0.51	-1.02		31.25	0
9	0.98	-0.53	-1.05		35.42	0
10	0.69	-0.20	-0.40		39.58	0
11	1.01	-0.49	-0.97		43.75	1
12	0,56	-0.03	-0.05		47.92	1
13	0.81	-0.22	-0.45		52.08	1
14	0.52	0.30	0.59		56.25	1
15	0.96	0.02	0.05		60.42	1
16	0.91	0.09	0.19		6 <b>4.58</b>	1
17	0.76	0.29	0.59		68.75	1
18	0,64	0.45	0.90		72.92	1
19	0.34	0,80	1.60		77.08	1
20	0.79	0.52	1.03		81.25	1
21	1.03	0.47	0.94		85.42	2
22	0.86	0.68	1.35		89,58	2
23	0.88	0,75	1.49		93.75	2
24	1.05	0,70	1,39		97.92	2

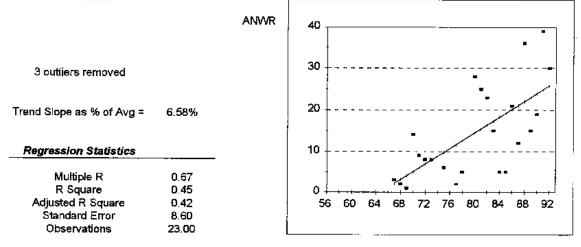
# Lincoln's Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	48162.52	48162.52	3.07	0.09	-
Residual	29.00	455233.35	15697,70			
Total	30.00	503395.87				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-134.67	197.53	-0.68	0.50	-538.66	269.32
x1	4.41	2.52	1.75	0,09	-0.74	9.55
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	y
1	147.37	-137.37	-1.10		1.61	10
2	142.96	-130.96	-1.05		4.84	12
3	156.18	-137.18	-1.09		8.06	19
4	151.78	-116.78	-0.93		11.29	35
5	165.00	-126.00	-1.01		14.52	39
5 6	261.95	-189,95	-1.52		17.74	72
7	160.59	-82,59	-0.66		20.97	78
8	248.73	-134.73	-1.08		24.19	114
9	231.10	-116.10	-0,93		27.42	115
10	173.81	-42.81	-0.34		30.65	131
11	222.29	-89.29	-0.71		33,87	133
12	213.47	-62.47	-0.50		37,10	151
13	239.91	-85.91	-0.69		40.32	154
14	204.66	-44,66	-0.36		43.55	160
15	226,69	-47.69	-0.38		46.77	17 <del>9</del>
16	257.54	-43.54	-0.35		50.00	214
17	209.06	9.94	0.08		53.23	219
18	270.76	-14.76	-0.12		56.45	256
19	217.88	43.12	0.34		59,68	261
20	266.35	15.65	0.12		62,90	282
21	244.32	47.68	0.38		66.13	292
22	275.17	35.83	0.29		69.35	311
23	195.84	117.16	0.94		72.58	313
24	191.44	123.56	0.99		75.81	315
25	178.22	140.78	1.12		79.03	319
26	235.51	89.49	0.71		82.26	325
27	182.62	151,38	1.21		85.48	334
28	253.13	128.87	1.03		88.71	382
29	187.03	214.97	1.72		91.94	402
30	200.25	201.75	1.61		95.16	402
31	169.40	282.60	2.26		98.39	452

Swamp Sparrow		·				
<u>onany oparion</u>		ſ		· · ·		
		ANWR+CCW	180			,
			160			•
			100	•		
			140	<b></b>		
		ļ				;
			Ë		•	
Trend Slope as % of Avg =	1.99%		120 120 120 120 120 120 120 120			
			-		-	
Regression Statistics			80	•••		
		-	60			
Multiple R	0.28					•• •
R Square Adjusted R Square	0.08 0.05		40 <del>  , , , ,  </del> 56 60 64	68 72	76 BD 84	88 92
Standard Error	37.21			Y	ear	
Observations	31.00	L				
Analysia of Variance						
Analysis of Variance	df	Sum of Square	as Mean Square	F	Significance F	;
Regression	1.00	3540.07	3540.07	2.56	0.12	-
Residual	29.00	40151.80	1384.54			
Total	30.00	43691.87				
	Coefficient	Standard Erro	er t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept x1	-33.26 1.19	<b>58.66</b> 0.75	-0.57 1.60	0.57 0.12	-153.23 -0.33	86.72 2.72
XI	1.13	0.75	1.00	0.12	-0.35	2.12
Observations 1	Predicted Y 44.40	Residuals -42.40	Stdzd Residuals -1.14		Percentile 1.61	<u>y</u> 2
2	42.01	-33.01	-0.89		4,84	9
3	49,18	-38.18	-1.03		8.06	11
4	45.60	-29.60	-0.80		11.29	16
5	43,21	-16.21	-0.44		14.52	27
6	46.79	-18.79	-0.51		17.74	28
7	68.30 70.60	-35.30	-0.95		20.97	33
8 9	70.69 63.52	-34.69 -22.52	-0,93 -0,61		24.19 27.42	36 41
10	62.32	-20.32	-0.55		30.65	42
11	69.49	-27.49	-0.74		33.87	42
12	67,10	-21.10	-0.57		37.10	46
13	74.27	-25.27	-0.68		40.32	49
14	58.74	-7.74	-0.21		43.55	51
15	65.91	-13.91	-0.37		46.77	52 52
16	73.08	-20.08	-0.54		50.00	53 50
17	76.66	-20.66	-0.56		53.23	56
18	47.99 51.57	13.01 9.43	0.35 0.25		56.45 59.68	61 61
19 20	51.57 52.77	9.23	0.25		62.90	62
20	59. <b>9</b> 4	4.06	0.11		66.13	64
22	75.47	-10.47	-0.28		69.35	65
23	55.16	15.84	0.43		72.58	71
24	53.96	18.04	0.48		75.81	72
25	61.13	12.87	0.35		79.03	74
26	64.71	20.29	0.55		82.26	85
27	77.86	22.14	0.60		85.48	100
28	57.55	56,45	1.52		88.71	114
29	56.35 <b>5</b> 0.38	62.65 100.62	1.68		91.94 95.16	119 151
30 31	50.38 71.88	100.62 93.12	2.70 2.50		95.16 98.39	165
31	71.00	90. TZ	2.00		30.33	100

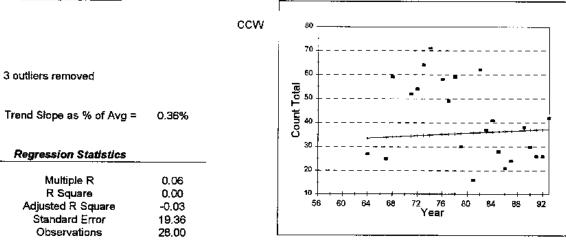
## Swamp Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	n 1.00	1269.72	1269.72	17.18	0.00	-
Residual	21.00	1551.76	73.89			
Total	22.00	2821.48				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	<i>Coefficient</i> -61.29	Standard Error	t Statistic	<i>P-value</i> 0.00	Lower 95.00%	<i>Upper 95.00%</i> -23.14

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	4.06	-3.06	-0.36	2.17	· · · í
2	11.63	-9.63	-1.12	6.52	2
3	3.11	-1.11	-0.13	10.87	2
4	2.16	0.84	0.10	15.22	з
5	18.26	-13.26	-1.54	19.57	5
6	12.58	-7.58	-0.88	23.91	5
7	19.21	-14.21	-1.65	28,26	5
8	9.74	-3.74	-0.43	32.61	6
9	7.84	0.16	0.02	36,96	8
10	6.90	1.10	0.13	41.30	8
11	5.95	3.05	0.35	45.65	9
12	21.10	-9.10	-1.06	50.00	12
13	5.00	9.00	1.05	54.35	14
14	17.31	-2.31	-0.27	58.70	15
15	23.00	-8.00	-0.93	63.04	15
16	23.94	-4.94	-0.58	67.39	19
17	20.16	0.84	0.10	71.74	21
18	16.37	6.63	0.77	76.09	23
19	15.42	9.58	1.11	80.43	25
20	14.47	13.53	1. <del>5</del> 7	84.78	28
21	25,84	4.16	0.48	89.13	30
22	22.05	13.95	1.62	93.48	36
23	24.89	14.11	1.64	97.83	39

## Swamp Sparrow



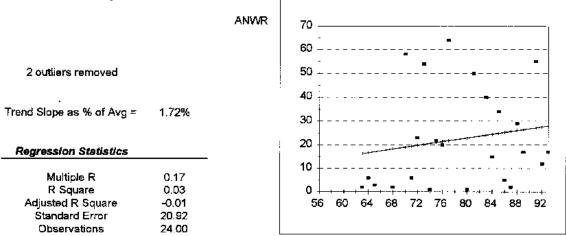
#### Analysis of Variance

r mary we wi warnen we						
	df	Sum of Squares	Mean Square	F	Significance F	: :
Regression	1.00	38.14	38.14	0.10	0.75	-
Residual	26.00	9744.28	374,78			
Totai	27.00	9782.43				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	25,32	31.67	0.80	0.43	-39.77	90.41
<b>x1</b>	0.13	0.40	0.32	0.75	-0.70	0.96

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	33.68	-31.68	-1.64	1,79	2
2	33,42	-24.42	-1.26	5.36	9
3	34.20	-24.20	-1.25	8.93	10
4	35.61	-21.61	-1.12	12.50	14
5	33,81	-17.81	-0.92	16.07	16
6	35.74	-19.74	-1.02	19. <b>64</b>	16
7	36.38	-15.38	-0.79	23.21	21
8	36.51	-12. <del>5</del> 1	-0.65	26,79	24
9	33.94	-8.94	-0.46	30.36	25
10	37.02	-11.02	-0,57	33.93	26
11	37,15	-11.15	-0.58	37.50	26
12	33,55	-6.55	-0,34	41.07	27
13	36,25	-8.25	-0.43	44.64	28
14	35.48	-5.48	-0.28	48,21	30
15	36.90	-6.90	-0.36	51.79	30
16	36.00	1.00	0.05	55.36	37
17	36.77	1.23	0.06	58,93	38
18	36.12	4.88	0.25	62.50	41
19	37.28	4.72	0.24	66.07	42
20	35.22	13.78	0.71	69.64	49
21	34.45	17.55	0.91	73.21	52
22	34.58	19.42	1.00	76,7 <del>9</del>	54
23	35.10	22.90	1,18	80,36	58
24	35.35	23.65	1.22	83.93	59
25	34.07	24.93	1.29	87.50	59
26	35.87	26.13	1.35	91.07	62
27	34.71	29.29	1.51	94.64	64
28	34.84	36,16	1.87	98.21	71

White-throated Sparro		٦				
		ANWR+COW	140			
			120			
2 outliers removed		E.	100	•	- <b>-</b>	
			5 80	-	-	• •
Frend Slope as % of Avg =	2.01%		₽ ∞+ ₩		•	
Trenu Siepe as % of Avg -	2.0170		Count Total	· · · · · · • · · ·		!
Regression Statistics			40 +			
	0.05	-	20			
Multiple R R Square	0.25 0.06		o ‡	+ + + + + + + + + + + + + + + + + + + +	<u>+ + + + + + +</u>	↓
Adjusted R Square	0.03	-	56 60 0	54 68 72	76 BO 64 Bear	88 92
Standard Error	41.90			ř	ear	
Observations	29.00	l				
Analysis of Variance						
Regression	<i>df</i> 1,00	Sum of Square 3066,66	es Mean Squar 3066.66	re <b>F</b> 1.75	Significance F 0.20	-
Residual	27.00	47412.51	1756.02	1.70	0.20	
Total	28.00	50479.17				
	Coefficient	Standard Erro	or t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	-31.75	67.27	-0.47	0.64	~169.79	106.28
x1	1.14	0.86	1.32	0.20	-0.63	2.91
Observations	Predicted Y	Residuals	Stdzd Residu	aie	Percentile	.,
1	61,62	-60.62	-1,45	<u> </u>	1.72	<u> </u>
2	43.40	-41.40	-0.99		5.17	2
3	39,98	-37.98	-0.91		8.62	2
4	42.26	-32.26	-0.77		12.07	10
5	46.81	-34.81	-0.83		15.52	12
6	41.12	-24.12	-0.58		18.97	17
7	57.06	-38.06	-0.91		22.41	19
8	66.17	-46.17	-1.10		25.86	20
9	74.14	-48.14	-1.15		29.31	26
10	67.31 50.34	-41.31	-0.99		32.76	26 29
11	59.34 73.00	-30.34	-0.72 -0.95		36.21 39,66	
12 13	73.00 63.89	-40.00 -28.89	-0.69		43.10	33 35
14	49.09	-14.09	-0.34		46.55	35
15	52.51	-13.51	-0.32		50.00	39
16	50.23	0.77	0.02		53.45	51
17	44.54	16.46	0.39		56.90	61
18	53,65	20.35	0,49		60.34	74
19	45.68	38.32	0.91		63.79	84
20	58.20	26.80	0.64		67.24	85
21	69.59	21.41	D.51		70.69	91
22	47.95	47.05	1.12		74.14	95
23	70.73	25.27	0.60		77.59	96
24	71,86	26.14	0.62		81.03	98
25	54.78	48.22	1.15		84.48	103
26	51.37	58.63	1.40		87.93	110
27	65.03	57. <del>9</del> 7	1.38		91.38	123
28	55,92	71.08	1.70		94.83	127
29	62.76	73.24	1.75		98.28	136

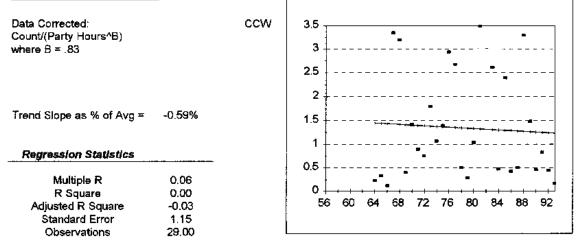
# White-throated Sparrow



Analysis of Fallance						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1,00	290,87	290.87	0.66	0.42	_
Residual	22.00	9626.96	437.59			
Total	23.00	9917.83				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-7.84	37.36	-0.21	0.84	-85.33	69.64
x1	0.38	0.47	0.82	0.42	-0.59	1.36

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	20.64	-19,64	-0.94	2.08	1
2	22.95	-21.95	-1.05	6.25	1
3	16.40	-14.40	-0.69	10.42	2
4	18.33	-16.33	-0.78	14.58	2
5	25.64	-23.64	-1.13	18.75	2
6	17,17	-14.17	-0.68	22.92	3
7	25.26	-20.26	-0.97	27.08	5
8	16.79	-10,79	-0.52	31.25	6
9	19.48	-13.48	-0.64	35.42	6
10	27.56	-15. <b>56</b>	-0.74	39,58	12
11	24.49	-9.49	-0.45	43.75	15
12	27,95	-10.95	-0.52	47.92	17
13	26.41	-9.41	-0.45	52.08	17
14	21.41	-1.41	-0.07	56,25	20
15	21.02	0,98	0.05	60.42	22
16	19.87	3.13	0.15	64.58	23
17	26.02	2,98	0.14	68.75	29
18	24.87	9.13	0.44	72.92	34
19	24.10	15.90	0.76	77.08	40
20	23.33	26.67	1.27	81,25	50
21	20.25	33.75	1.61	85.42	54
22	27.18	27.82	1.33	89.58	55
23	19.10	38.90	1.86	93.75	58
24	21.79	42.21	2.02	97.92	64

# White-throated Sparrow

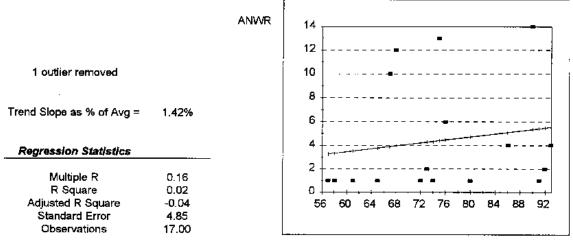


Anelysia ur venenuc						
	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.12	0.12	0.09	0.76	-
Residual	27.00	35.69	1.32			
Total	28.00	35,82				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	1.93	1.92	1.00	0.32	-2.01	5.86
×1 <sup>′</sup>	-0.01	0.02	-0.31	0.76	-0.06	0.04

	Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	Y
_	1	1.44	-1.32	-1.15	1.72	Ò
	2	1.23	-1.07	-0,93	5.17	0
	3	1.45	-1.22	-1.06	8.62	0
	4	1.34	-1.05	-0. <del>9</del> 1	12.07	0
	5	1.44	-1.12	-0.97	15.52	0
	6	1.41	-1.01	-0.88	18,97	0
	7	1.29	-0.86	-0.7 <del>5</del>	22.41	0
	8	1.24	-0.80	-0.70	25.86	0
	9	1.26	-0.80	-0.70	29.31	D
	10	1.30	-0.83	-0.72	32.76	Ð
	11	1.28	-0.78	-0.67	36.21	1
	12	1.35	-0.84	-0.73	39,66	1
	13	1.39	-0.63	-0.55	43.10	1
	14	1.25	-0.42	-0.36	46.55	1
	15	1.40	-0.50	-0.44	50.00	1
	16	1.33	-0.29	-0.26	53.45	1
	17	1.38	-0.31	-0.27	56.90	1
	18	1.37	0.03	0.03	60.34	1
	19	1.41	0.01	0.01	63.79	1
	20	1.26	0.22	0.19	67.24	1
	21	1.38	0.41	0,36	70.69	2
	22	1,29	1.10	0,96	74.14	2
	23	1.31	1.30	1.13	77.59	3 3 3
	24	1,35	1.32	1.15	81.03	3
	25	1.36	1.58	1.37	84.48	
	26	1.42	1.77	1.54	87.93	3
	27	1.27	2.02	1.76	91.38	3
	28	1.43	1.92	1.67	94.83	3 3
	29	1.32	2.17	1.88	98.28	3

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		ANWR+CCW	70			
		ANVVR+CCVV	/0			
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rend Slope as % of Avg =	2.29%		ີ້ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ ສຸງ			
			ບິ		and the second se	
Dograceion Statistics			20	and the second s		
Regression Statistics		-	10			,
Multiple R	0.25				••	
R Square	0.06		0 + + + + + + +		⊦··⊢···•·- <b>₄</b> _•₊₊ ∔	J
Adjusted R Square	0.03		56 60 64	68 72	76 80 84 4	88 92
Standard Error	20.81			1	ear	ļ
Observations	27.00					
Analysis of Variance						
Analysis of Vallance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	743.39	743.39	1.72	0.20	•
Residual	25.00	10823.28	432.93		0.20	
Total	26.00	11566,67	102.00			
		.,				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.0
Intercept	24.26	36,46	-0.58	0.56	-96.35	50.00
x1	-21,26 0,60	0.46	-0.58	0.36	-96.35	53.82 1.54
XI	0.60	0.40	1.31	0.20	-0.34	1.94
Observations	Predicted Y		Stdzd Residuals		Percentile	У
1	29.73	-28.73	-1.38		1.85	1
2	17.73	-16.73	-0.80		5,56	1
3	27.93	-25.93	-1.25		9.26	2
4	21.93	-19.93	-0.96		12.96	2
*					16.67	3
<del>4</del> 5	26.13	-23.13	-1.11		10.07	~
•		-23.13 -16.73	-1.11 -0.80		20.37	4
5	26.13					
5	26.13 20,73	-16.73	-0.80		20.37	4
5 6 7	26.13 20,73 17.13	-16.73 -12.13	-0.80 -0.58		20.37 24.07	4 5
5 6 7 8	26.13 20.73 17.13 30.33	-16.73 -12.13 -25.33	-0.80 -0.58 -1.22		20.37 24.07 27.78	4 5 5
5 6 7 8 9	26.13 20,73 17.13 30.33 29.13	-16.73 -12.13 -25.33 -23.13	-0.80 -0.58 -1.22 -1.11		20.37 24.07 27.78 31.48	4 5 5 6
5 6 7 8 9 10 11 12	26.13 20,73 17.13 30.33 29.13 23.13	-16.73 -12.13 -25.33 -23.13 -12.13	-0.80 -0.58 -1.22 -1.11 -0.58		20.37 24.07 27.78 31.48 35.19	4 5 5 6 11
5 6 7 8 9 10 11 12 12 13	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53	-16.73 -12.13 -25.33 -23.13 -12.13 -15.73	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07		20.37 24.07 27.78 31.48 35.19 38.89	4 5 6 11 11 12 18
5 6 7 8 9 10 11 12 12 13 14	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93	-16.73 -12.13 -25.33 -23.13 -12.13 -15.73 -18.93 -1.53 -2.33	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11		20.37 24.07 27.78 31.48 35.19 38.69 42.59 46.30 50.00	4 5 6 11 11 12
5 6 7 8 9 10 11 12 12 13 14 15	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33	-16.73 -12.13 -25.33 -23.13 -12.13 -15.73 -18.93 -1.53 -2.33 6.67	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30	4 5 6 11 11 12 18
5 6 7 8 9 10 11 12 13 14 15 16	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33	-16.73 -12.13 -25.33 -23.13 -12.13 -15.73 -18.93 -1.53 -2.33	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	4 5 6 11 11 12 18 31 34 34
5 6 7 8 9 10 11 12 13 14 15 16 17	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13	-16.73 -12.13 -25.33 -23.13 -12.13 -15.73 -18.93 -1.53 -2.33 6.67	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81		20.37 24.07 27.78 31.48 35.19 38.69 42.59 46.30 50.00 53.70	4 5 6 11 11 12 18 31 34
5 6 7 8 9 10 11 12 13 14 15 16 17 18	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 20.13 21.33	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41	4 5 6 11 11 12 18 31 34 34
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 20.13 21.33 34.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	4 5 6 11 12 18 31 34 34 37 37 39
5 6 7 8 9 10 11 12 13 14 15 16 17 18	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 20.13 21.33	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81	4 5 6 11 11 12 18 31 34 34 37 37
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 20.13 21.33 34.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52	4 5 6 11 12 18 31 34 34 37 37 39
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 20.13 21.33 34.53 25.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47 16.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21 0.79		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22	4 5 6 11 12 18 31 34 34 37 37 39 42
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 21.33 34.53 25.53 22.53 22.53 24.33	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47 16.47 25.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21 0.79 1.22		20.37 24.07 27.78 31.48 35.19 38.69 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93	4 5 6 11 12 18 31 34 37 37 39 42 48 49
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 21.33 34.53 25.53 22.53 22.53 24.33 31.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47 16.47 25.47 24.67	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21 0.79 1.22 1.19 0.94		20.37 24.07 27.78 31.48 35.19 38.69 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63	4 5 6 11 12 18 31 34 34 37 37 39 42 48
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 21.33 34.53 25.53 22.53 24.33 31.53 28.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47 16.47 25.47 24.67 19.47 23.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21 0.79 1.22 1.19 0.94 1.13		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33 87.04	4 5 6 11 11 12 18 31 34 34 37 37 39 42 48 49 51
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	26.13 20.73 17.13 30.33 29.13 23.13 26.73 30.93 19.53 33.33 27.33 32.13 20.13 21.33 34.53 25.53 22.53 22.53 24.33 31.53	-16.73 -12.13 -25.33 -12.13 -15.73 -18.93 -1.53 -2.33 6.67 1.87 16.87 15.67 4.47 16.47 25.47 24.67 19.47	-0.80 -0.58 -1.22 -1.11 -0.58 -0.76 -0.91 -0.07 -0.11 0.32 0.09 0.81 0.75 0.21 0.79 1.22 1.19 0.94		20.37 24.07 27.78 31.48 35.19 38.89 42.59 46.30 50.00 53.70 57.41 61.11 64.81 68.52 72.22 75.93 79.63 83.33	4 5 6 11 11 12 18 31 34 37 37 39 42 48 49 51 52

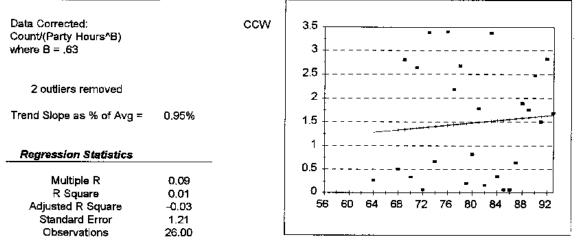
## White-crowned Sparrow



	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	8.95	8.95	0,38	0.55	-
Residual	15.00	353.16	23.54			
Total	16.00	362.12				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	Coefficient	Standard Error 7.74	<i>t Statistic</i> -0.04	<i>P-value</i> 0.97	Lower 95.00%	<i>Upper 95.00%</i> 16.18

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	3.52	-2.52	-0.52	2.94	1
2	3.77	-2.77	-0.57	8.82	1
3	4.34	-3.34	-0.69	14.71	1
4	3.33	-2.33	-0.48	20.59	1
5	4.71	-3.71	-0.77	26.47	1
6	5.40	-4.40	-0.91	32.35	1
7	4,21	-3.21	-0.66	38.24	1
8	3.27	-2.27	-0.47	44.12	1
9	4.28	-2.28	-0.47	50.00	2
10	5.47	-3.47	<b>-0</b> .71	55.88	2
11	5.09	-1.09	-0.22	61.76	4
12	5.53	-1.53	-0.32	67.65	4
13	4.46	1,54	0.32	73.53	6
14	3.90	6.10	1,26	79.41	10
15	3.96	8.04	1.66	85,29	12
16	4.40	8,60	1.77	91.18	13
17	5,34	8,66	1.78	97.06	14

## White-crowned Sparrow

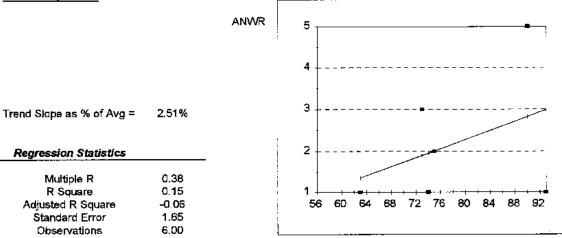


And yala AL Adi Idiloc						
-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.27	0.27	0.18	0.67	-
Residual	24.00	34,99	1.46			
Total	25.00	35.26				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	0.47	2.36	0.20	0.84	-4.39	5.34
<b>x</b> 1	0.01	0.03	0.43	0.67	-0.05	0.07

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y
1	1.54	-1,48	-1.22	1.92	Ō
2	1.38	-1.31	-1.09	5.77	0
3	1.56	-1.49	-1.23	9.62	0
4	1.51	-1.34	-1.11	13,46	0
5	1.47	-1.26	-1.05	17.31	0
6	1.28	-1.01	-0.84	21.15	0
7	1.35	-1.02	-0.84	25.00	0
8	1,53	-1.18	-0.98	28.85	0
9	1.33	-0.82	-0.68	32.69	1
10	1.57	-0,93	-0.77	36.54	1
11	1.40	-0.74	-0.61	40.38	1
12	1.48	-0.66	-0,55	44.23	1
13	1.62	-0.12	-0.10	48.08	2
14	1. <b>64</b>	0.04	0.03	51.92	2 2
15	1.59	0.16	0.13	55.77	
16	1.49	0.29	0.24	59.62	2 2
17	1.58	0.31	0.26	63.46	2
18	1.44	0.74	0.61	67.31	2
19	1.61	0.87	0.72	71.15	2
20	1.37	1.27	1.06	75.00	3
21	1.46	1.22	1.01	78.85	3
22	1,34	1,46	1,21	82.69	3
23	1,63	1.19	0,99	86.54	3
24	1.52	1.85	1.53	90,38	3
25	1.39	1.99	1.65	94.23	3
26	1.43	1.98	1.64	98.08	3

Harris' Sparrow						
		ANWR+CCW	10			
			a +			· - • • •
			τ <del>α</del> .		•	
,			Count Total			
Trend Slope as % of Avg =	-2.34%					•
			õ 4+			•
Regression Statistics			ł			
Regression Stabsucs		-	2			
Multiple R	0.23				• • • •	
R Square	0.05		D <del>i +        </del> 56 60 64	68 72	76 80 84	88 92
Adjusted R Square Standard Error	-0.03 3.48			Y	ear	
Observations	13.00	Ĺ				
Analysis of Variance						
-	ď	Sum of Squares		F	Significance F	_
Regression	1.00	7.69	7.69	0.63	0.44	
Residual Total	11.00 12.00	133.54 141.23	12.14			
iotai						
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	9.99	8.16	1.22	0.24	-7.98	27,96
x1	-0.08	0.1 <b>0</b>	-0.80	0.44	-0.31	0.15
Observations	Predicted Y		Stdzd Residuals		Percentile	у
1	4.37	-3.37	-0.97		3.85	1
2 3	4.78 2.96	-3.78 -1.96	-1.08 -0.56		11,54 19.23	1 1
4	3.62	-2.62	-0.36		26.92	1
5	3.87	-2.87	-0.82		34.62	1
6	3.12	-2.12	-0.61		42.31	1
7	2.30	-0.30	-0.09		50.00	2
8 9	3.29 2.71	-1.29 1.29	-0.37 0.37		57.69 65.38	2 4
10	2.55	2.45	0.37		73.08	5
11	3.79	3.21	0.92		80.77	7
12	3,95	6,05	1.74		88,46	10
13	4.70	5.30	1.52		96.1 <del>5</del>	10

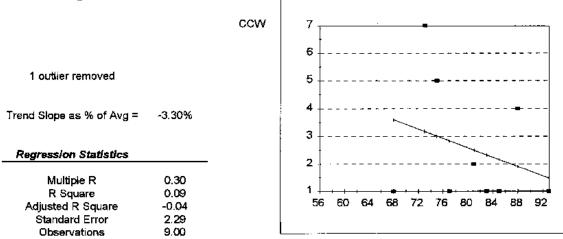
# Harris' Sparrow



Analysis of Variance	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	1.90	1.90	0.70	0.45	-
Residual	4.00	10.93	2.73			
Total	5.00	12.83				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-2.07	5.13	-0.40	0.70	-16.30	12.16
×1	0.05	0.07	0.83	0.44	-0.13	0.24

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	<u>y</u>
1	2.98	-1,98	-1.20	8.33	1
2	1.95	-0.95	-0.57	25.00	1
3	1.35	· -0,35	-0.21	41.67	1
4	2.00	-0.00	-0.00	58.33	2
5	1.89	1.11	0.67	75.00	з
6	2.82	2.18	1.32	91.67	5

## Harris' Sparrow

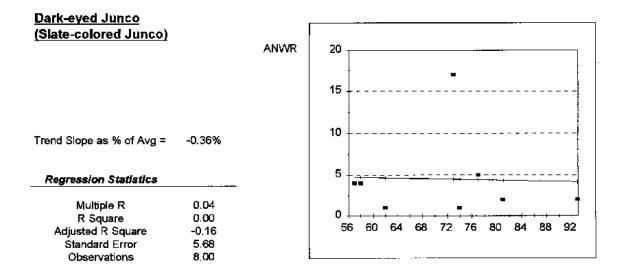


-	df	Sum of Squares	Mean Square	F	Significance F
Regression	1.00	3.51	3.51	0.67	0.44
Residual	7.00	36.71	5.24		
Total	8.00	40.22			
	C	Ctowalawal Covor	+ Statistic	D walue	Lower OF 00% Linner

	Coefficient 3	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	9.33	8.31	1.12	0.29	-10.32	28.99
×1	-0.08	0.10	-0.82	0.44	-0,33	0.16

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	У
1	2.33	-1.33	-0.58	5.56	1
2	2.16	-1,16	-0.51	16.67	1
3	1.49	-0.49	-0.21	27.78	1
4	2.84	-1.84	-0.80	38.89	1
5	3.60	-2.60	-1.13	50.00	1
6	2.50	-0.50	-0.22	61. <b>1</b> 1	2
7	1.91	2.09	0.91	72.22	4
8	3.01	1.99	0.87	83.33	5
9	3.17	3.83	1,67	94.44	7

Dark-eyed Junco						
		F			· · ·	
		ANWR+CCW	° <u>1</u>			
			7			
			6 <b>-</b>			
l outliers removed						
			tö 5			
Trend Slope as % of Avg =	3.01%		5.			
			Count Total			
Regression Statistics			3			
Regression Stabsula		-	2	<u> </u>	<b></b>	· •
Multiple R	0.41					
R Square Adjusted R Square	0.17 0.09		1 <del>  </del>	68 72	76 80 84	68 92
Standard Error	2.28	[		Ye	ear	
Observations	13.00					
Analysis of Variance						
	đť	Sum of Squares	Mean Square	F	Significance F	-
Regression Residual	1.00 11.00	11.73 57.20	11.73 5.20	2.26	0.16	
Total	12.00	68,92	J.20			
				<b>.</b> .		
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Uppe <u>r 95.00</u>
Intercept	-3.98	4.74	-0.84	0.42	-14.40	6.45
x1	0.09	0.06	1.50	0.16	-0.04	0.23
Observations	Predicted Y		Stdzd Residuals		Percentile	<u>y</u>
1 2	2.69 2.87	-1.69 -1.87	-0.74 -0.82		3.85 11.54	1
3	2.13	-1.13	-0.50		19,23	i
4	2.22	-1.22	-0.54		26.92	1
5	3.52	-1.52	-0,67		34.62 42.31	2 2
6 7	2.32 4.63	-0.32 -2.63	-0.14 -1.15		42.31 50,00	2
8	2.04	-0,04	-0.02		57.69	2
9	3.70	-0.70	-0.31		65,38	3
10	1.85	3.15	1.38 0.20		73.08 80.77	5 5
11 12	4.54 3.15	0.46 3.85	1.69		88.46	7
13	4.35	3.65	1.60		96.15	7 8



### Analysis of Variance

6 7

8

Analysis of variance						
-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.29	0.29	0.01	0.93	
Residual	6.00	193.71	32.29			
Total	7,00	194.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	5.67	12.63	0.45	0.67	-25.23	36.57
xt	-0.02	0.17	-0.09	0.93	-0. <b>4</b> 4	0.41
Observations	Predicted Y	' Residuals	Stdzd Residuals		Percentile	y
1	4.47	-3.47	-0.61		6.25	1
2	4.66	-3.66	-0.64		18,75	1
3	4.16	-2.16	-0.38		31.25	2
4	4.35	-2.35	-0.41		43.75	2
5	4,74	-0.74	-0.13		56,25	4
						_

-0.13

0.10

2.20

68.75 81.25

93.75

4 5

17

-0.73

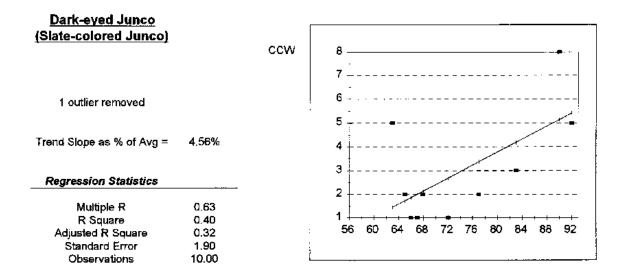
0.58

12.52

4.73

4.42

4.48

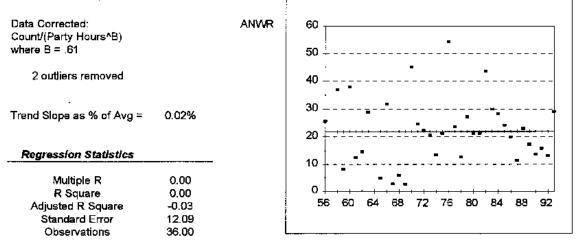


•	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	19.14	19.14	5.31	0.05	-
Residual	8.00	28.86	3.61			
Total	9.00	48.00				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
	-7.16	4,45	-1.61	0.14	-17.42	3.11
Intercept	-7.10					

Observations	Predicted Y	Residuals	Stdzd Residuals	Percentile	y y
1	2.69	-1.69	-0,89	5.00	1
2	1.87	-0.87	-0.46	15,00	1
3	2.00	-1.00	-0.53	25.00	1
4	2.14	-0.14	<b>-0</b> .07	35.00	2
5	1.73	0.27	0.14	45.00	2
6	3.37	-1.37	-0.72	55.00	2
7	4.19	-1.19	-0.63	65.00	3
8	1.46	3.54	1.87	75.00	5
9	5.42	-0.42	-0.22	85.00	5
10	5.15	2.85	1.50	95.00	8

meadowlark sp.			•		· ·····		
		ANWR+CCW		<b>6</b> 0			
		ANVVR+CCVV	. 16	1			
			74	00=-			<b>-</b>
							•
			<del>ہ</del> 12	00 +			
			ğ	ł		-	
Trend Slope as % of Avg =	1.89%		Count Total	00+			·
			ĮŠ,	oo I			
Domocion Statistico							- 1
Regression Statistics		-	6	∞∔			
Multiple R	0.40			-			
R Square	0.16		4	00 <del>  , , ,    </del> 56 60 64	68 72	76 80 84	++++
Adjusted R Square	0.13			56 60 64	68 72 Yi	ear	
Standard Error Observations	297.24 31.00	1					
Observations	31.00						
Analysis of Variance		C		1	E		
Regression	1.00	Sum of Squar 481582.45	es l	Mean Square 481582.45	<b>F</b> 5.45	Significance F 0.03	-
Residual	29.00	2562265.94		88354.00	0,40	0.00	
Total	30.00	3043848.39					
· · · · · · · · · · · · · · · · · · ·	Coefficient	Standard Erro	or	t Statistic	P-value	Lower 95.00%	Upper 95.00
Intercept	-348.23	468.62		-0.74	0.46	-1306.66	610.20
x1	13.94	5.97		2.33	0.03	1.73	26.14
Observations	Predicted Y		St	dzd Residuals		Percentile	y
1	585.42	-496.42		-1.67		1.61	89
2	599.36	-454,36		-1.53		4.84 8.06	145 212
3 4	529.68 557.55	-317.68 -311.55		-1.07 -1.05		11.29	212
5	571.49	-158.49		-0.53		14.52	413
6	682.97	-251,97		-0.85		17.74	431
7	766.58	-310.58		-1.04		20.97	456
8	613.29	-83.29		-0.28		24.19	530
9 10	864.13 752.64	-287,13 -36,64		-0.97 -0.12		27.42 30.65	577 716
10	794.45	-36.64		-0.12		33.87	718
12	836.26	-111.26		-0.37		37.10	725
13	933,80	-183.80		-0.62		40.32	750
14	738.71	13. <b>2</b> 9		0.04		43.55	752
15	724.77	66.23		0.22		46.77	791 704
16 17	808.39 655.10	-14.39 147.90		-0.05 0.50		50.00 53.23	794 803
18	696.90	130.10		0.44		56.45	827
19	919.87	-85.87		-0.29		59.68	834
20	627.23	211.77		0.71		62.90	839
21	850.19	-10.19		-0.03		66.13	840
22	905.93	-63.93		-0.22		69.35	842
23	710.84	145.16 233.84		0.49 0.79		72.58 75.81	856 875
24 25	641.16 892.00	233.84		0.79		79.03	897
26	780.51	122.49		0.41		82.26	903
27	947.74	-1.74		-0. <b>01</b>		85.48	946
28	822.32	252.68		0.85		88.71	1075
29	669.03	573.97		1.93		91.94	1243
30	878.06 643.62	471.94 881 38		1.59 2.97		95.16 98.39	1350 1425
31	543.62	881.38		2.31		30.38	142.0

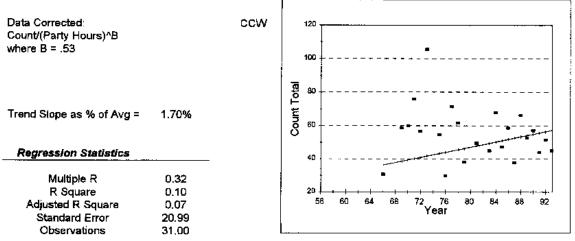
## meadowlark sp.



Analysis of Variance						
-	df	Sum of Squares	Mean Square	F	Significance F	
Regression	1.00	0.10	0.10	0.00	0,98	-
Residual	34.00	4968.69	146.14			
Total	35.00	<b>4968</b> .79				
	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	21,55	14.30	1.51	0.14	-7. <del>5</del> 1	50.62
x1	0.00	0.19	0.03	0.98	-0.38	0.39
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	у
1	21.89	-19.24	-1.59		1.39	3
2	21.88	-19.07	-1.58		4.17	3
3	21.87	-16.89	-1.40		6.94	5
4	21.89	-15.91	-1.32		9.72	6
5	21.84	-13.64	-1.13		12.50	8
6	21.98	-10.57	-0.87		15.28	11

4	21.89	-15.91	-1.32	9.72	6
5	21.84	-13.64	-1.13	12.50	8
6	21.98	-10.57	-0.87	15.28	11
7	21.85	-9,39	-0.78	18.06	12
8	21.93	-9.18	-0,76	20.83	13
9	22.00	-8.86	-0.73	23.61	13
10	21.91	-8.45	-0.70	26.39	13
11	21.99	-8.24	-0.68	29.17	14
12	21.86	-7.25	-0.60	31.94	15
13	22.00	-6.17	-0.51	34.72	16
14	21.99	-4.76	-0.39	37.50	17
15	21.97	-2.09	-0.17	40.28	20
16	21.91	-1.39	-0.11	43.06	21
17	21.94	<b>-0.8</b> 6	-0.07	45.83	21
18	21.95	-0.86	-0.07	48.61	21
19	21.92	-0.80	-0.07	51.39	21
20	21.91	0.35	0.03	54.17	22
21	21.98	1,01	0.08	56.94	23
22	21.93	1.72	0.14	59.72	24
23	21.97	2.27	0.19	62.50	24
24	21,90	2.66	0.22	65.28	25
25	21.83	3,79	0.31	68.06	26
26	21.94	5.31	0.44	70.83	27
27	21.96	6.38	0.53	73.61	28
28	21.86	7.02	0.58	76.39	29
29	22.01	7.13	0.59	79,17	29
30	21.96	7.97	0.66	81.94	30
31	21.88	9.99	0.83	84.72	32
32	21.84	15.02	1.24	87.50	37
33	21.85	16.10	1.33	90,28	38
34	21.95	21.52	1.78	93,06	43
35	21,90	23.07	1.91	95.83	45
36	21.92	32.31	2.67	98.61	54

## <u>meadowlark sp.</u>



	df	Sum of Squares	Mean Square	F	Significance F	,
Regression	1.00	1483.28	1483.28	3.37	0.08	-
Residual	29.00	12773.43	440.46			
Total	30.00	14256.72				
-11	Coefficient	Standard Error	t Statistic	P-value	Lower 95.00%	Upper 95.00%
Intercept	-14.70	33.09	-0.44	0.66	-82,38	52.97
x1	0.77	0.42	1.84	0.08	-0.09	1.64
Observations	Predicted Y	Residuals	Stdzd Residuals		Percentile	v
1	34.02	-27.35	-1,30		1.81	7
2	37.11	-28.18	-1.34		4.84	9
3	37.88	-24.18	-1.15		8.06	14
4	34.7 <del>9</del>	-15.60	-0.74		11.29	19
5	48.71	-26.00	-1.24		14.52	23
6	35,56	-11.50	-0.55		17.74	24
7	47.17	-21.19	-1.01		20.97	26
8	42.52	-16.37	-0.78		24.19	26
9	44.07	-14,23	-0.68		27.42	30
10	36.34	-5.67	-0.27		30.65	31
11	52.58	-14. <del>6</del> 4	-0.70		33.87	38
12	46,39	-8.27	-0.39		37.10	38
13	55.67	-11.47	-0.55		40.32	44
14	49.49	-4.37	-0.21		43.55	45
15	57.22	-11.91	-0.57		46.77	45
16	51.03	-3.64	-0.17		50.00	47
17	47.94	1.73	0.08		53.23	50
18	56.45	-4.84	-0.23		56.45	52
19	54.13	-1.55	-0.07		59.68	53
20	43.30	11.35	0.54		62.90	55
21	40.98	15.74	0.75		66.13	57
22	54.90	2.24	0.11		69.35	57
23	38.66	19,91	0,95		72.58	59
24	51.81	6.85	0.33		75.81	59
25	39.43	20.43	0.97		79.03	60
26	45.62	16.16	0.77		82.26	62
27	53,35	12.90	0.61		85.48	66
28	50.26	17.57	0.84		88.71	68
29	44.84	26.57	1.27		91.94	71
30	40.20	35.78	1.70		95.16	76
31	41.75	63.73	3.04		98.39	105