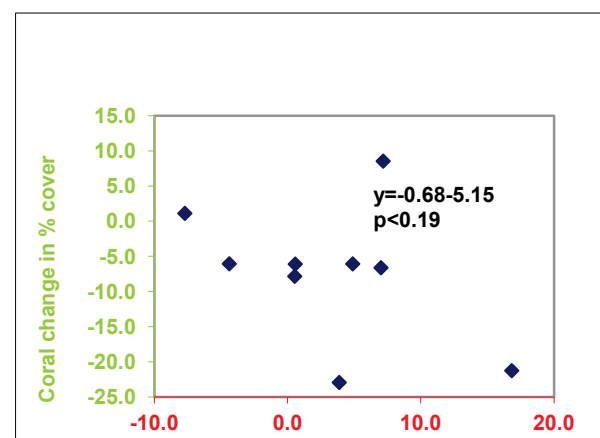
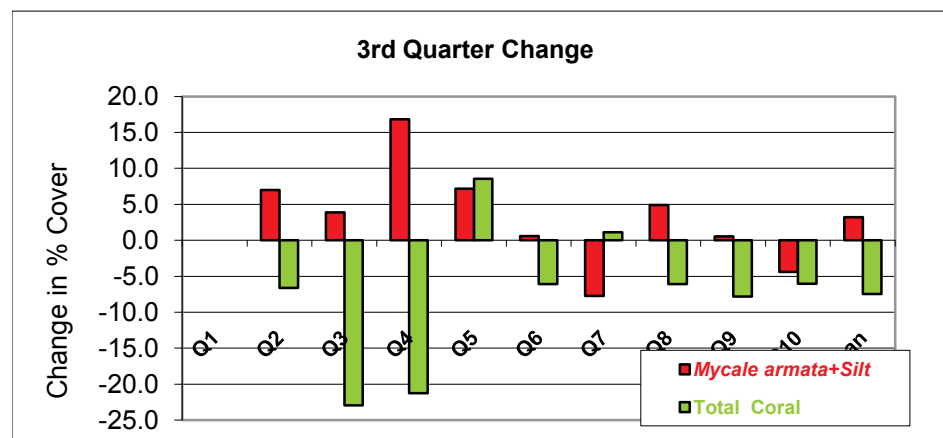


## Control Quadrats- 3rd Quarter

TRANSECT NAME	Quad1Quar2	Quad1Quar3	Delt	Quad2Quar2	Quad2Quar3	Delt	Quad3Quar2	Quad3Quar3	Delt	Quad4Quar2
Number of frames	No data	No data		1	1		1	1		1
Total points	No data	No data		100	100		100	100		100
Total points (minus tape+wand+shado	No data	No data		87	90		85	91		83
CATEGORY (% of transect)	No data	No data								
MACROALGAE	No data	No data		0.00	5.56	5.6	0.00	0.00	0.0	0.00
CORALLINE ALGAE	No data	No data		0.00	0.00	0.0	0.00	0.00	0.0	0.00
CORAL	No data	No data		65.52	58.89	-6.6	40.00	27.47	-12.5	73.49
MYCALE ARMATA	No data	No data		22.99	26.67	3.7	35.29	35.16	-0.1	26.51
OTHER INVERTEBRATES	No data	No data		2.30	2.22	-0.1	0.00	1.10	1.1	0.00
DEAD CORAL, RUBBLE	No data	No data		9.20	3.33	-5.9	18.82	13.19	-5.6	0.00
SUBSTRATUM	No data	No data		0.00	3.33	3.3	5.88	23.08	17.2	0.00
TAPE, WAND, SHADOW	No data	No data		13.00	10.00	-3.0	15.00	9.00	-6.0	17.00
Sum (excluding tape+shadow+wand)	No data	No data		100.00	100.00	0.0	100.00	100.00	0.0	100.00
Silt	No data	No data		0.0	3.3	3.3	5.88	9.89	4.0	0.00
MYCALE ARMATA+Silt				23.0	30.0	7.0	41.2	45.1	3.9	26.5

3rd Quarter Changes	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Mycale armata+Silt		7.0	3.9	16.8	7.2	0.6	-7.7	4.9	0.5	-4.4
Total Coral		-6.6	-23.0	-21.3	8.5	-6.1	1.1	-6.1	-7.8	-6.1
Silt		3.3	4.0	-1.1	0	3.5	11.0	2.4	2.3	2.2



Quadrat

*M. armata* change in % cover

Quad4Quar3	Delt	Quad5Quar2	Quad5Quar3	Delt	Quad6Quar2	Quad6Quar3	Delt	Quad7Quar2	Quad7Quar3	Delt	Quad8Quar2	Quad8Quar3	Delt	Quad9Quar2
1		1	1		1	1		1	1		1	1		1
100		100	100		100	100		100	100		100	100		100
90		89	88		79	86		85	90		92	88		78
1.11	1.1	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.00
0.00	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.00	0.00	0.0	0.00
52.22	-21.3	60.67	51.14	-9.5	60.76	54.65	-6.1	20.00	21.11	1.1	66.30	60.23	-6.1	71.79
40.00	13.5	31.46	38.64	7.2	21.52	18.60	-2.9	76.47	57.78	-18.7	29.35	31.82	2.5	19.23
0.00	0.0	1.12	1.14	0.0	3.80	1.16	-2.6	0.00	1.11	1.1	0.00	0.00	0.0	0.00
2.22	2.2	6.74	5.68	-1.1	12.66	3.49	-9.2	1.18	0.00	-1.2	1.09	2.27	1.2	8.97
4.44	4.4	0.00	3.41	3.4	1.27	22.09	20.8	2.35	20.00	17.6	3.26	5.68	2.4	0.00
10.00	-7.0	11.00	12.00	1.0	21.00	14.00	-7.0	15.00	10.00	-5.0	8.00	12.00	4.0	22.00
100.00	0.0	100.00	100.00	0.0	100.00	100.00	0.0	100.00	100.00	0.0	100.00	100.00	0.0	100.00
3.3	3.3	0.0	0.0	0.0	0.00	3.5	3.5	2.35	13.3	11.0	3.26	5.7	2.4	0.00
43.3	16.8	31.5	38.6	7.2	21.5	22.1	0.6	78.8	71.1	-7.7	32.6	37.5	4.9	19.2

Myscale armat Total Coral

Mean SD  
3.2 7.2  
-7.5 9.8  
3.1 3.4

Q1  
Q2 7.0 -6.6  
Q3 3.9 -23.0  
Q4 16.8 -21.3  
Q5 7.2 8.5  
Q6 0.6 -6.1  
Q7 -7.7 4.9  
Q8 1.1 -6.1  
Q9 0.5 -7.8  
Q10 -4.4 -6.1

SUMMARY OUTPUT

#### Regression Statistics

Multiple R 0.478028  
R Square 0.228511  
Adjusted R 0.118298  
Standard E 9.647959  
Observatio 9

## ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	193	192.9946	2.073358	0.1931
Residual	7	652	93.0831		
Total	8	845			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-5.14794	3.48	-1.47998	0.182419	-13.373	3.077114
X Variable	-0.6863	0.48	-1.43992	0.193074	-1.8133	0.44074

Quad9	Quar3	Delt	Quad10	Quar2	Quad10	Quar3	Delt
1			1		1		
100			100		100		
86			76		89		
0.00	0.0		0.00		0.00		0.0
3.49	3.5		0.00		2.25		2.2
63.95	-7.8		18.42		12.36		-6.1
17.44	-1.8		68.42		61.80		-6.6
2.33	2.3		0.00		0.00		0.0
2.33	-6.6		13.16		4.49		-8.7
10.47	10.5		0.00		19.10		19.1
14.00	-8.0		24.00		11.00		-13.0
100.00	0.0		100.00		100.00		0.0
2.3	2.3		0.00		2.2		2.2
19.8	0.5		68.4		64.0		-4.4

<u>Lower 95.0%</u>		<u>Upper 95.0%</u>
-13.373	3.1	
-1.81334	0.4	