|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Benthic component | Reef type | Original | ANCOVA converted | MA regression converted | MA regression models |
| Mean | SD | Mean | SD | Mean | SD |
| Macroalgae | Fringing | 2.4 | 1.8 | 7.1 | 2.9 | 7.1 | 10 | CPI = -6.52 + 5.60 x PQ |
|  | Patch | 1.1 | 1.0 | 2.2 | 1.6 | 2.2 | 1.5 | CPI = 0.52 + 1.50 x PQ |
|  | Bank | 20.1 | 4.4 | 21.6 | 7.2 | 21.5 | 7.4 | CPI = -12.51 + 1.69 x PQ |
| Gorgonians | Fringing | 0.2 | 0.3 | 0.0 | 0.1 | 0.0 | 0.0 | CPI = 0.04 -0.09 x PQ |
|  | Patch | 7.5 | 4.2 | 2.2 | 1.5 | 2.2 | 1.7 | CPI = -0.75 + 0.39 x PQ |
|  | Bank | 3.8 | 3.4 | 1.0 | 1.2 | 1.0 | 0.5 | CPI = 0.41 + 0.15 x PQ |
| CCA | Fringing | 15.1 | 7.1 | 16.4 | 5.0 | 16.4 | 5.0 | CPI = 5.78 + 0.70 x PQ |
|  | Patch | 4.8 | 4.6 | 5.6 | 4.6 | 5.5 | 4.6 | CPI = 0.73 + 1.00 x PQ |
|  | Bank | 25.5 | 10.4 | 16.6 | 4.8 | 16.6 | 4.5 | CPI = 5.68 + 0.43 x PQ |
| Turf algae | Fringing | 51.5 | 15.8 | 35.3 | 10.6 | 35.5 | 10.5 | CPI = 1.28 + 0.66 x PQ |
|  | Patch | 50.3 | 13.0 | 42.5 | 16.3 | 42.7 | 16.4 | CPI = -20.95 + 1.27 x PQ |
|  | Bank | 13.1 | 10.9 | 12.5 | 1.4 | 12.6 | 0.5 | CPI = 13.21 -0.05 x PQ |