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| **Variable** | **Type** | **Description** |
| Mexico | Binary | Binary indicator of location of site within Mexico |
| Belize | Binary | Binary indicator of location of site within Belize |
| Honduras | Binary | Binary indicator of location of site within Honduras |
| Island | Binary | Binary indicator of island or continental (mainland) site |
| Hurricane | Binary | Binary indicator of sites affected by 2005 hurricanes |
| Log10(Fish\_Initial) | Continuous | Logarithm of initial herbivorous fish biomass. Log values used to modify scale |
| Fish\_Log\_Diff | Continuous | Annual logarithmic change in herbivorous fish biomass |
| Algae\_Initial | Continuous | Initial benthic cover by fleshy macroalgae. Decimal values from 0 to 1 representing 0 % to 100 % |
| Algae\_Diff | Continuous | Absolute annual percentage change in fleshy macroalgal cover (decimal values) |
| Coral\_Initial | Continuous | Initial benthic cover by hard coral. Decimal values from 0 to 1 representing 0 % to 100 % |
| NTZ | Binary | Binary indicator of location of site within a No Take Zone |
| MPA | Binary | Binary indicator of location of site within a Marine Protected Area |