Environmental Variation and How its Spatial Structure Influences the Cross-Shelf Distribution of High-Latitude Coral Communities in South Africa

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**Electronic Supplementary Material 3**

**Table 1.** Pearson correlation coefficients between the environmental and raw spatial variables.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***Variable*** | **Longitude** | **Latitude** | **Depth** | **Distance to shelf edge** | **Distance to high tide** | **Canyon effect** |
| **Longitude** | NA |  |  |  |  |  |
| **Latitude** | 0.992 |  |  |  |  |  |
| **Depth** | 0.006 | 0.035 |  |  |  |  |
| **Distance to shelf edge** | -0.662 | -0.624 | -0.109 |  |  |  |
| **Distance to high tide** | 0.533 | 0.559 | 0.567 | -0.369 |  |  |
| **Canyon effect** | 0.532 | 0.468 | 0.059 | -0.750 | 0.244 | NA |