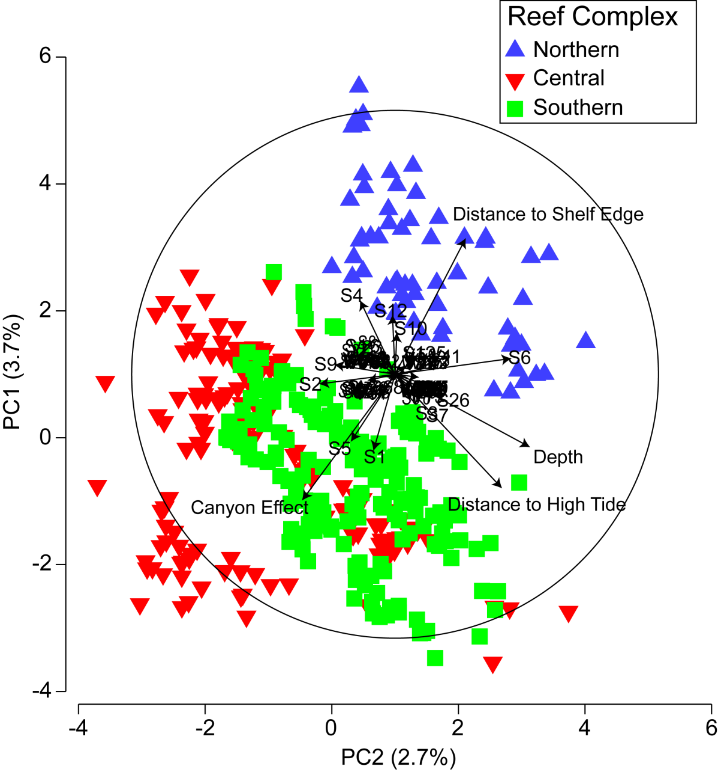
Supplementary Materials: Environmental Variation and How its Spatial Structure Influences the Cross-Shelf Distribution of High-Latitude Coral Communities in South Africa

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**Electronic Supplementary Material 4**



**Figure S1**. Principal components analysis ordination of the first two dimensions of the 419 reef transects, labelled according to the three main reef complexes in Maputaland, based on environmental variables (depth, canyon effect, distance to shelf edge and distance to high tide) and 75 spatial parameters (*Si*) derived from the principal coordinate analysis of neighbour matrices of latitude and longitude. Vectors indicate the strengths and directions of the relationships of the environmental and spatial variables with transects.



**Figure S2**. Pearson correlation coefficients for each of the spatial variables between longitude (black) and between latitude (grey). All correlations were converted to positive values for graphical display.