

Model

 $S \sim \text{Complexity}$  $S \sim \text{Complexity} + \text{Environment}$  3. $S \sim \text{Complexity} + \text{Environment} + (1|\text{Site})$

Rhodolith complexity
(PC1)

Bed complexity
(PC2)

PC1:PC2

Depth

Exposure

Organic matter %

Mean temperature

Year

-5

0

5

10

Estimate

