

Supplementary material

Appendix 1

Distribution of covariates

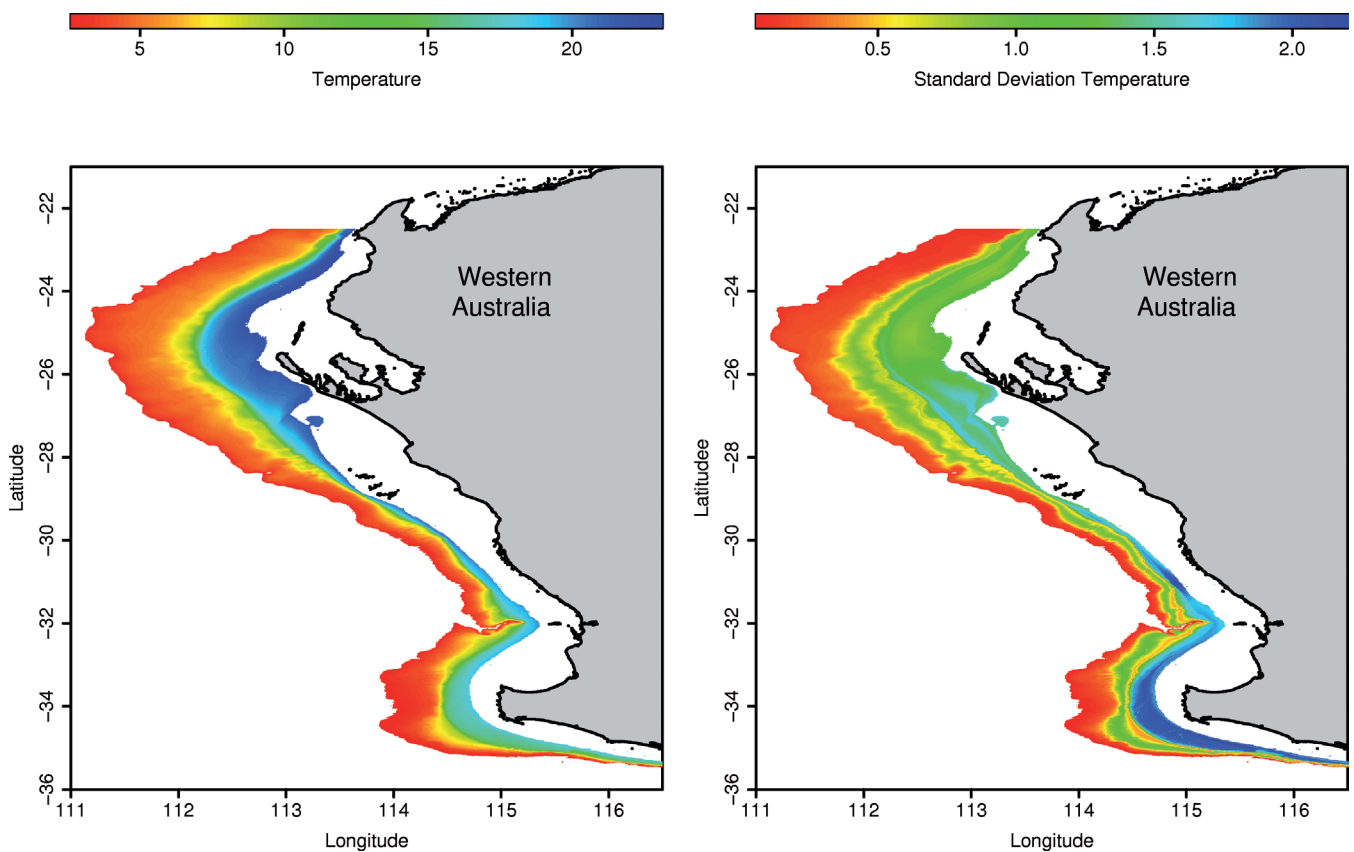


Figure 1. Spatial distribution of key covariates of analysis and predictions.

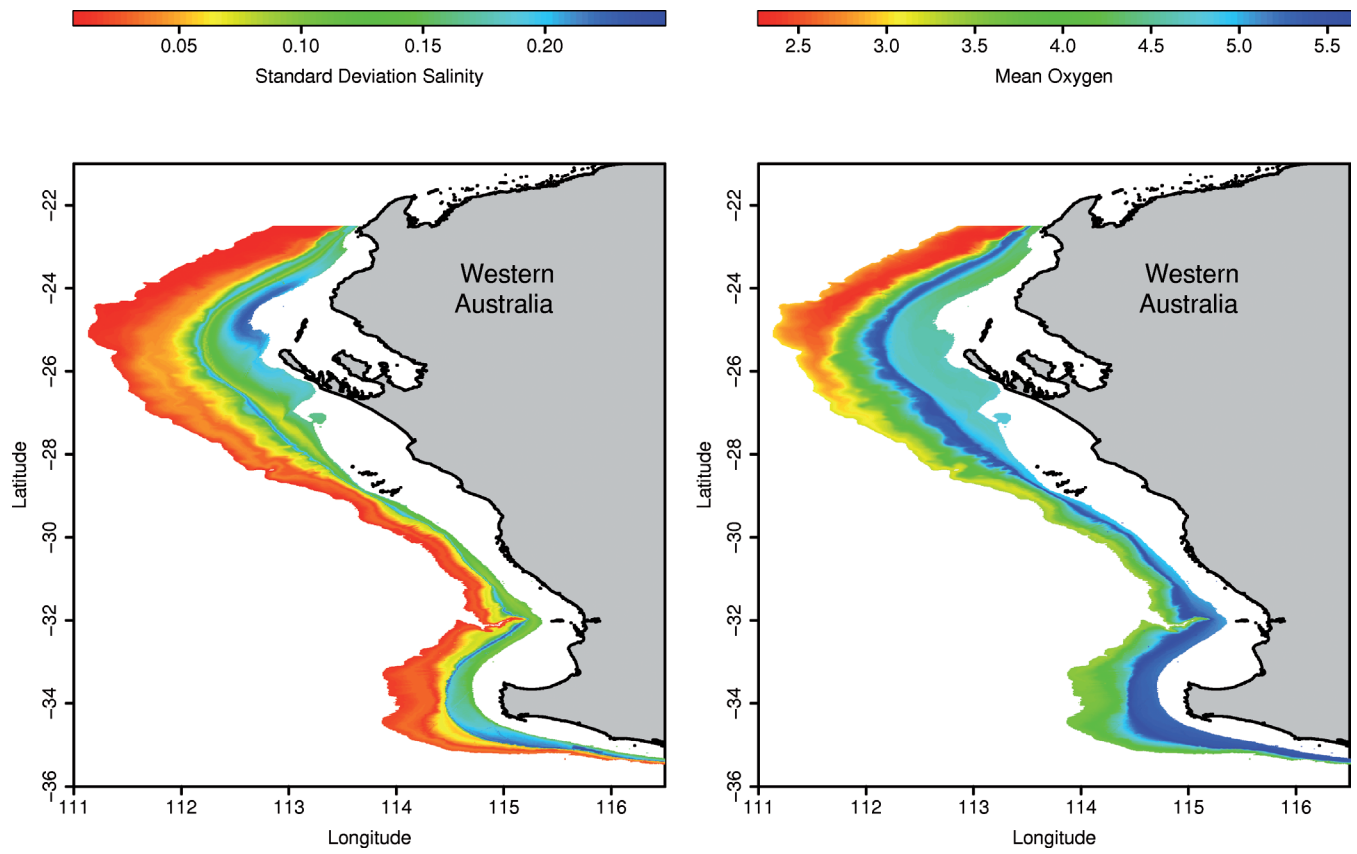


Figure 2. Spatial distribution of key covariates of analysis and predictions.

Appendix 2

Prediction of RADs at sample sites

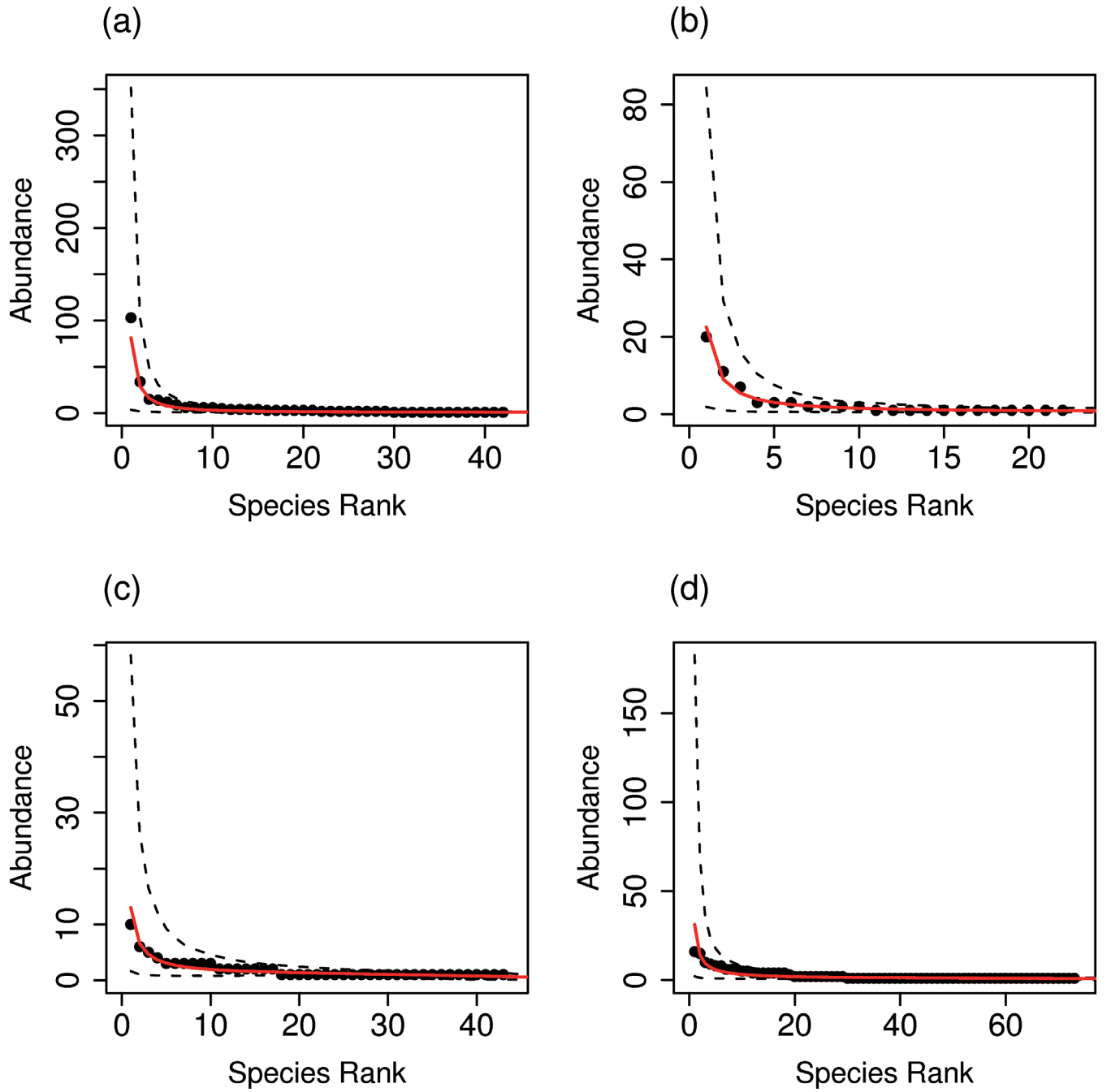


Figure 3. Predictions of mean RAD curve and 95% prediction intervals for four sampled sites. Actual RAD is shown by the points on the figure. Sites were found at: (a) 114.6°E, 33.0°S at 419 m depth with a trawl of 803 m, (b) 118.3°E, 35.4°S at 919 m depth with a trawl of 699 m, (c) 114.4°E, 29.8°S at 112 m depth with a trawl of 252 m, (d) 113.3°E, 27.8°S at 122 m depth with a trawl of 548 m