

SI Table 2. Output for the second best-fit linear mixed model ($\Delta\text{AICc} = 0.43$) testing the influence of reserve characteristics on fish biomass response ratios across a network of temperate MPAs. σ^2 indicates the error variance within sites, τ_{00} indicates the variance between sites, ICC is the intraclass correlation coefficient or how much variance is explained by the random effect of site, and N_{site} is the sample size of the random effect of site.

| <i>Predictors</i> | <i>Estimates</i> | <i>95% CI</i> | <i>p</i> |
|------------------------------------|------------------|---------------|--------------|
| (Intercept) | 1.28 | -2.63 – 5.18 | 0.517 |
| Total protected area | 0.03 | 0.01 – 0.05 | 0.004 |
| Latitude | -0.06 | -0.16 – 0.04 | 0.214 |
| MPA age | 0.05 | 0.02 – 0.08 | 0.003 |
| Random Effects | | | |
| σ^2 | 0.07 | | |
| $\tau_{00 \text{ Site}}$ | 0.15 | | |
| ICC | 0.69 | | |
| N_{Site} | 12 | | |
| Observations | 72 | | |
| Marginal R^2 / Conditional R^2 | 0.493 / 0.844 | | |