

1 **Supplementary Information: Do we need detailed demo-**
2 **graphic data to forecast population responses to climate**
3 **change?**

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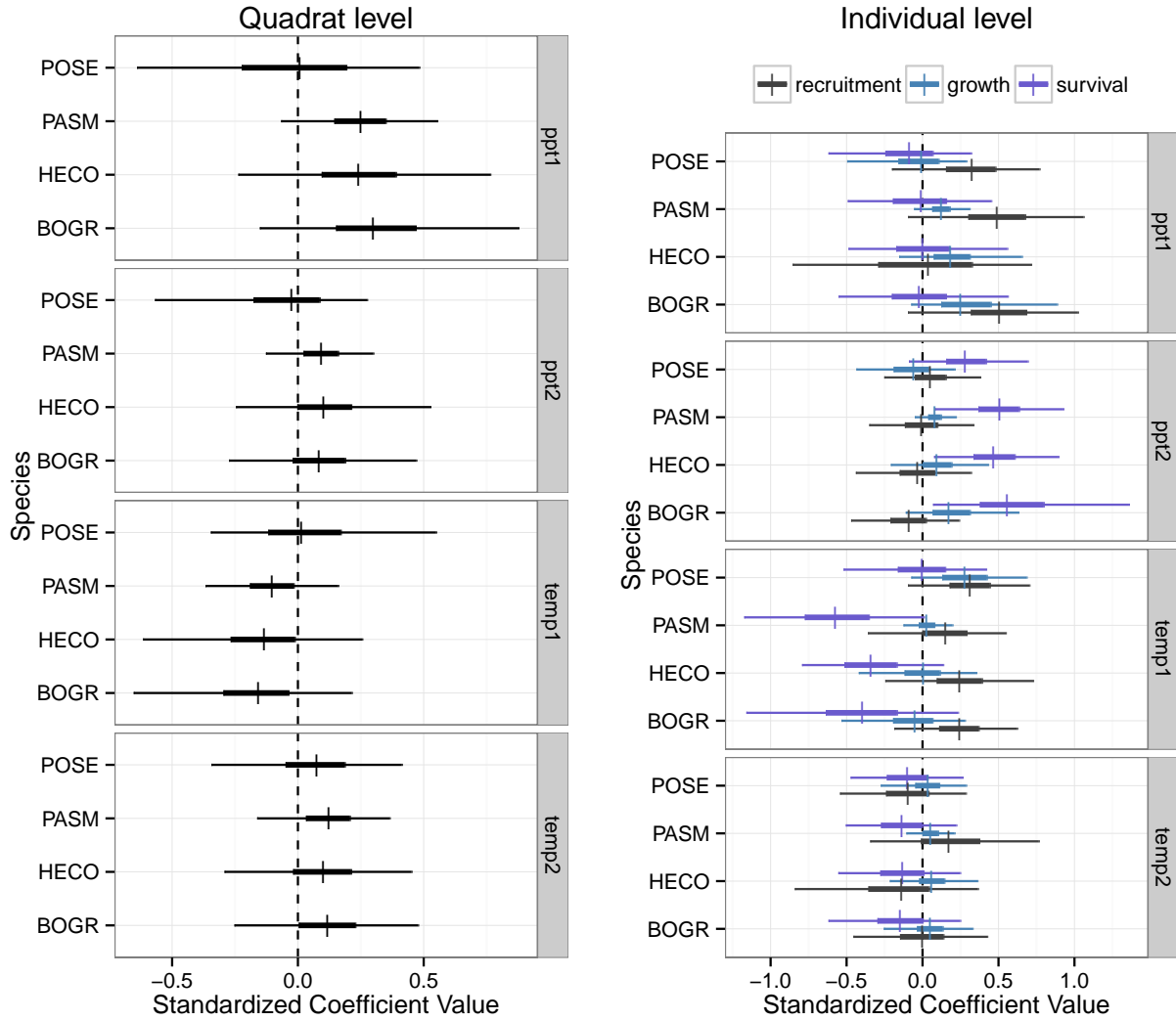


Figure 1: Posterior means (vertical ticks), 75% credible intervals (heavy lines), and 95% credible intervals (light lines) of climate effects on growth at both levels of inferences. The dashed vertical line is at 0, indicating no effect.