**Choosing priors in Bayesian ecological models by simulating from the prior predictive distribution**

Ecosphere

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| File name | Description | Use | Data Author |
| pred-prey-size.csv | Raw and log-transformed body sizes in grams of predators and their prey (n = 13,085). | Used to model predator-prey body sizes for Example 1. | Brose et al. 2005 |
| spiders.csv | Counts of spider webs above fish inclusion/exclusion cages. | Used to model spider responses to fish for Example 2. | Warmbold and Wesner 2018 |
| predator\_prey\_code\_all.txt | R code | Used to model pred-prey-size.csv data. | Wesner and Pomeranz |
| spider\_code\_all.txt | R code | Used to model spider responses to fish using spiders.csv | Wesner and Pomeranz |
| supplementary\_code.txt | R code | Used to generate Appedix S1: Figure S1. | Wesner and Pomeranz |