Table S1. *Overview of priors employed in Bayesian correlation analysis.*

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| --- | --- | --- | --- | --- |
| Hypothesis | Distributional Form | Type of Prior | Source of Background Information | Hyperparameters |
| 1a | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 1b | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 1c | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 2a | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 2b | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 2c | Uniform | Weakly Informative | Coad et al. (2015); Fisher et al. (2015) | ~U (.10, .90) |
| 3 | Normal | Highly Informative | Coad et al. (2015); Fisher et al. (2015) | ~N (.85, .005) |
| 4 | Normal | Highly Informative | Coad et al. (2015); Fisher et al. (2015) | ~N (.85, .005) |