

*A discussion regarding the priors you have chosen for your 'final' model. Defend them and show what happens if you change priors!-*

### *Final results and comparisons*

*Results from running your ‘final’ model with `ulam()`, comparing it with other model(s) using WAIC or LOO,<sup>1</sup> and reason about what the results means.*

<sup>1</sup> The rethinking package has a `compare()` function for this

### *DAG*

*Adding a DAG is always nice (use the `ggdag` package in R). If you can explain direct and indirect causal effects without one then sure.<sup>2</sup>*

<sup>2</sup> <https://ggdag.malco.io>

### *Diagnostics*

*Presentation of diagnostics from running Stan on the ‘final’ model, e.g., caterpillar traces (or trunkplots),<sup>3</sup>  $\hat{R}$  values, and/or effective sample size. There’s no reason to show traceplots that take up a page!*

<sup>3</sup> [http://mc-stan.org/assets/img/bayesplot/mcmc\\_trace-rstan.png](http://mc-stan.org/assets/img/bayesplot/mcmc_trace-rstan.png)

### *Interpretation*

*Interpretation of what the results mean from a practical point of view, i.e., which technique is better, does experience influence the results, and how does the analysis support your argument?*