# Feedback A2

## Sara

* How did you implement publication bias? Specify.
* Figure 3 suggests you should adjust the priors (slightly broader intercept, much broader sd), which you need to do to get get reliable estimates. Also, I think, you invert the colors for prior and posterior between the two panels, which makes it a bit confusing. Also, why are you plotting the vertical lines? Those values are from the simulation, so I’m not sure why you are comparing them to the empirical data (which true effect size we don’t know)
* I don’t get figure 4, why do you need it?, what does it contain that figure 3 doesn’t?
* Figure 5: is the effect size the raw/reported effect sizes (from the dataset) or the estimated effect sizes (from the model)? From the code it’s the former, but I would specify that. Also, I would order the effects by effect size, so it’s more intelligible. Also, if possible, I’d add the meta-analytic effect size for comparison.
* Ideally you’d also plot the effect size against the standard error to get an initial idea as to possible publication bias.
* Ideally you’d also discuss the findings of the empirical meta-analysis in the light of the pub bias simulation: were there publication bias, would your finding be biased? How?