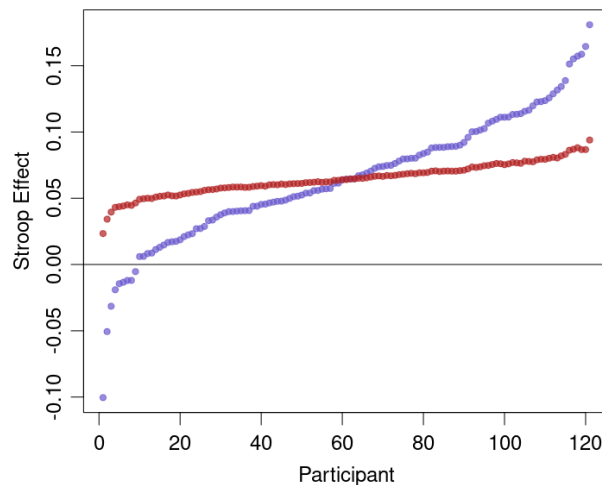


Your Turn!

Individual differences

1. Now it is your turn to conduct a “Does everyone?” analysis using `quid::constraintBF()`. First, install and load the package. The data from the Stroop task are part of the package: `stroop`.
2. Use `quid::constraintBF()` to conduct the analysis. Discuss and set prior scales first. Running the function may take a few minutes.
3. The output is an S4 object. You can also access individual estimates using `resStroop@individualEffects`. Try to make a plot that resembles the one below. The blue points are observed mean differences (observed effects), the red points are the estimated effects that are calculated using `resStroop@individualEffects`.



4. If you have time conduct a prior sensitivity analysis (with reasonable settings!). Only run 2-4 analyses in total with reasonable alternative settings to yours. Should we be concerned about the robustness of the Bayes factor?

