1. Unconstrained or Complement?
   1. Based on complete data
   2. Simulate data separately
2. What if complete hypothesis is untrue?
   1. Based on complete data
   2. Simulate data separately
3. Analysis based on complete data
   1. Use this as a kind of explanation of error:
      1. MAPE -> change name to \_\_\_\_\_ difference, as we are not computing errors (full hypothesis is not a true value)
   2. Basically: simulate 4 mus, take them to do the complete, then take the same mus and split them for the BES (3 partial hypotheses)
4. Simulate data separately
   1. Use this as the “real” example because in reality, we are not looking at the same data, but we are looking at different studies:
   2. Simulate 4 mus for Complete, simulate 3 times 2 mus for the partial hypotheses

After doing scenario 1 and 2, results should showcase behaviour of BES, show some kind of error that is happening (or not) and should be possible to give an recommendation to use complement or unconstrained hypothesis.

Todo:

Programme and collect together the supplemental material. Simulate everything for all combinations of n, c, d. Create vizualizations of results. Shiny app?

Outline the story in the paper (sections, …)

Sources?

* PMPs used (look at recommendation in Thoms (?)

Look notes 06.12 and picture 06.12.

MAYBE:

What happens with complexity? Maybe small sim, brainstorm, basis for future research?