Plans Going Forward – FEEDBACK

Ordinal/Blocking

- I thought my Table 2.2 shows evidence that OP is better than making things numeric. It doesn't. I am using a placebo treatment, i.e. there is no treatment, so the Group T2 coefficient should be zero. In other words: There would be differences with anything here, since it's just one single draw. I need evidence that OP works better
  - Evidence 1: Monte Carlo simulations
    - MVN data with some cross-correlations
    - I know the true treatment effect here
    - So when I then block on categories 1:15 and 1:5, I know which one performs better – the one that's closer to the true treatment effect
  - Evidence 2: Repeat the Table 2.2. estimations 100 times and show the distributions around zero
    - The table is created with a placebo treatment, i.e. there is no real treatment. That means Group T2 should be zero. The table is not evidence that the OP method is better
    - Repeat the estimations for Table 2.2 100 times and visualize the distribution of the Group T2 coefficients. This will show which category estimation is closer to zero, which is the true value of that coefficient
- Perform a test to check that OP assigns people correctly
  - I currently estimate the model, then bin people according to their estimated values, which results in the new categories
  - Now take the people with their originally selected education categories and manually assign them to the new categories
  - Then check that the resulting distribution looks the same as the binned-values one
  - This is a test to ensure that, say, a 4th grade guy, doesn't get binned into, say, Master's, by accident
- Write up the `shiny` survey environment in the appendix
- Emphasize machine learning in the write-up
  - Model training is what it's all about
  - People are being misclassified based on arbitrary numeric values

Framing

- Meta-analyses take months, even when you know what you're doing. There is no way I can get any unpublished framing studies, so my results won't mean anything anyway. There is still the huge looming threat of getting absolutely nothing after all this and the pre-polls. And it doesn't fit at all with the blocking paper
- Ditch framing. Make the entire dissertation about measurements in surveys
- Name this paper II and make it about using ordinal variables as predictors. That fits in nicely with the ordinal blocking
- I will still need to run the framing survey, but I am then independent of having to achieve significant results, since I only care about the measurements

Paper III

- Make paper III about missing data