**Data and Methods Chapter Outline**

1. **Data**
   1. Source
      1. Description of IPEDS system & data
      2. Do I need to describe how I downloaded and merged the data files?
      3. 2023 financial data should become publicly available in January 2025, will be added to the analyses at that point
   2. Variables
      1. Describe variable name, what it measures, and how it’s coded
      2. Independent
         1. Year
      3. Dependent
         1. Diversity index
            1. Describe calculation of index
         2. Tenure/rank
            1. Tenured, TT, not on TT
            2. Lecturer/instructor (include this or drop?), assist prof, assoc prof, prof
      4. Covariates
         1. State partisan control
      5. Controls
         1. Control of institution (pub v. priv)
         2. Locale (urban, town/suburb, rural)
         3. HBCU status
         4. Size of institution
         5. Carnegie classification (R1,R2, other)
         6. Zip code
         7. \*\*\*\* Inst. Revenue – Not currently included but should I? Would provide more context/support for the COVID🡪decreased appropriations and Repub control🡪decreased appropriation assumptions
   3. Sample
      1. Included institutions: 4-year or above, U.S. only, degree-granting only
      2. Strategy for dealing with missingness
      3. Final sample N
2. **Methods**
   1. Analytical strategy
      1. Univariate demographics
         1. Props of each race/gender group overall by year
         2. Percent change of props btw 2015 and 2022
      2. Bivariate frequencies
         1. Props of each RG group within certain categories by year & percent change
            1. Tenure/rank
            2. R1/R2 univs versus non-research-intensive univs
         2. Possibly avg. prop of each RG in dem vs. repub states by year & percent change
      3. Multivariate analyses
         1. Linear regression
   2. Modelling strategy
      1. Year 🡪 Diversity Index
         1. Covar: state partisan control
         2. Controls: urbanicity, size of institution, etc., inst. revenue (maybe?)