Methods/Statistics Comprehensive Exam
Reading List
Revised May 2023

General


Conceptualization & Measurement
Important foundations can be found in the chapters on measurement in Singleton & Straights (chapter depends on edition), King, Keohane, and Verba (pp 150-168), and Becker’s *Tricks of the Trade*.


Mechanisms


Sampling & Case Selection


**Case-Oriented and Related Research Methods**


Survey Research


Experimental Designs


Causal Inference for Nonexperimental Data


**Statistical Modeling (for reference)**


**Categorical, Longitudinal, Latent Variable, Hierarchical/Mixed Models**


**Problems and Solutions**


Li, Z., Dohan, D., & Abramson, C. M. (2021). “Qualitative Coding in the Computational Era: A Hybrid Approach to Improve Reliability and Reduce Effort for Coding Ethnographic Interviews.” *Socius*


**Network Analysis**


**Analyzing Text**


Computational Social Science, Machine Learning, and Big Data


Agent-based Models


Mixed Methods


