Draft of Methods Section

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Model

I assume that the observed indicators for each state-year are functions of a unidimensional latent variable that represents the level of *de jure* judicial independence. For each state-year observation, let i index the state and t index the year. or each model, there are J indicators J = 1,...,J each of which is ordinal. My goal is to estimate each θ_{it} , which is the latent level of *de jure* judicial independence of each state i in year t.

Let i = 1,...,N index cross-sectional units and t = 1,...,T index time periods. In each time, period, I observe values y_{ij} for each of j = 1,...,J indicators for each unit. Each indicator is ordinal in nature and can take on K_j values. The responses to each of the items depend on a single latent variable θ_{it} , which may vary across units and over time. I assume that all indicators are independently draw from a logistic distribution.