Notes, 02.08.2024

Joe and Sabine (and Student of Joe)

Data Access Request: [soep\_application\_contract.631342.pdf (diw.de)](https://www.diw.de/documents/dokumentenarchiv/17/diw_01.c.88926.de/soep_application_contract.631342.pdf)

1. Selection:

Different population composition; use weights and see what happens; make raking on Civey data using SOEP distributions on Age, Gender, Marital Status, Kids in HH, Educational Degree, Employment Status -> Sabine

1. Measurement:

* Dep. Var A1-A5 – model effects of all available covariates, weighted
* Latent Variable Model: doing two separate models for the two samples; confirmative factor analysis / multi-group analysis to find out whether it is okay to assume the same latent structure for both
* Two outcomes possible: latent structure is identical or not
* Assess type of measurement invariance / partial equivalence

1. Latent truth: compare both data sources to the latent truth
2. How to continue in the future with this: Bayesian Model Averaging