Notes, 05.08.2024

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 (Sabine):

* the SOEP and the Civey sample have distinct composition concerning considered covariates
* use raking on Civey data using SOEP distributions on all covariates data Age, Gender, Marital Status, Educational Degree, Employment Status, Occupational Degree, Occupational Position, Region, Population Density to make both data sets having the same distribution concerning these variables
* Note: Using survey weights would just mess up results – for this kind of analysis we need no consideration of the sampling design

1. Measurement (Joe and stud):

* 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

1. How to continue in the future with this: Bayesian Model Averaging