

Additional exercises CFA:

1. Load the Holzinger and Swineford (1939) dataset included in the lavaan package:

```
data(HolzingerSwineford1939)
```

This is a classic dataset with several scores on mental ability subtests, of 7th- and 8th-grade children. We use first six subtests (x1 - x6).

- a) Fit a single factor model using ML estimation. Does it fit well?
- b) Inspect parameter estimates, modification indices and residuals, and create a better-fitting model.
- c) Does the new model fit well?