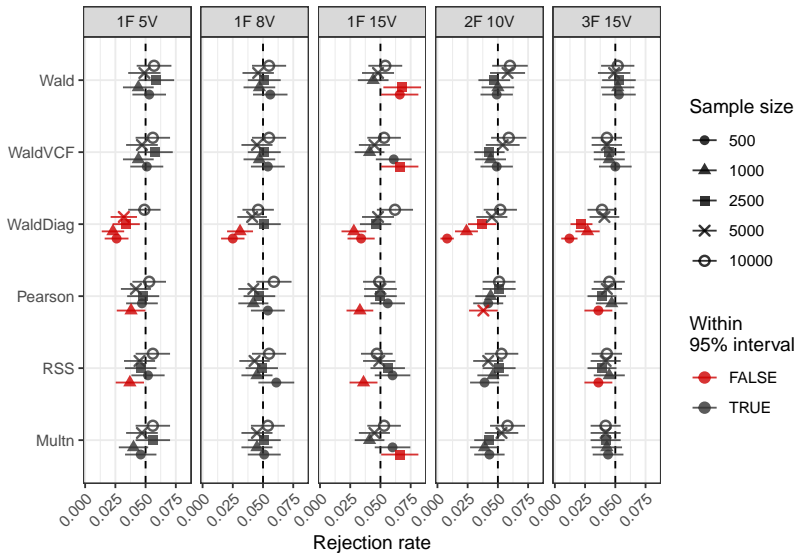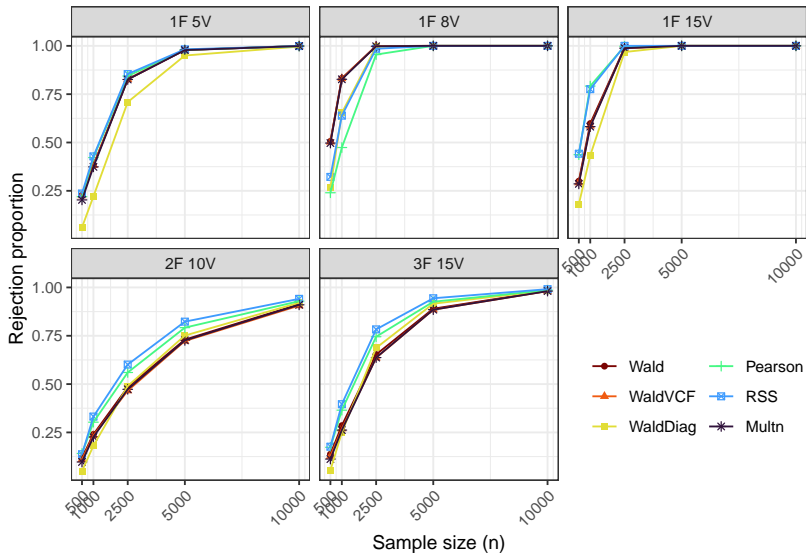Plots for presentation

SRS Type I Errors ($\alpha = 5\%$)
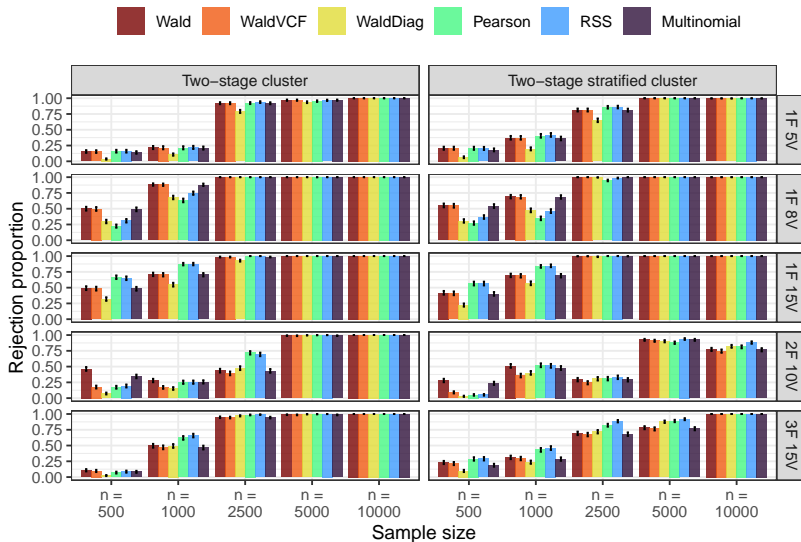
SRS Power Analysis ($\alpha = 5\%$)

Complex Type I Errors ($\alpha = 5\%$)

Complex Power Analysis ($\alpha = 5\%$)

Software

▶ Weighted pairwise likelihood estimation is now available in the R package {`lavaan`} (Rosseel, 2012) as of v0.6-17.1946.

▶ Suppose we have a `Data` set of items `y1,...,y5` with design weights `wt`, then the syntax to fit is

```
fit <- cfa(model = "eta =~ y1 + y2 + y3 + y4 + y5",
           data = Data, estimator = "PML",
           sampling.weights = "wt")
```

Rosseel, Y. (2012). lavaan: An *r* package for structural equation modeling. *Journal of Statistical Software, 48*(2). https://doi.org/10.18637/jss.v048.i02