

# Appendix A: 10,000 vs. 1,000 replications

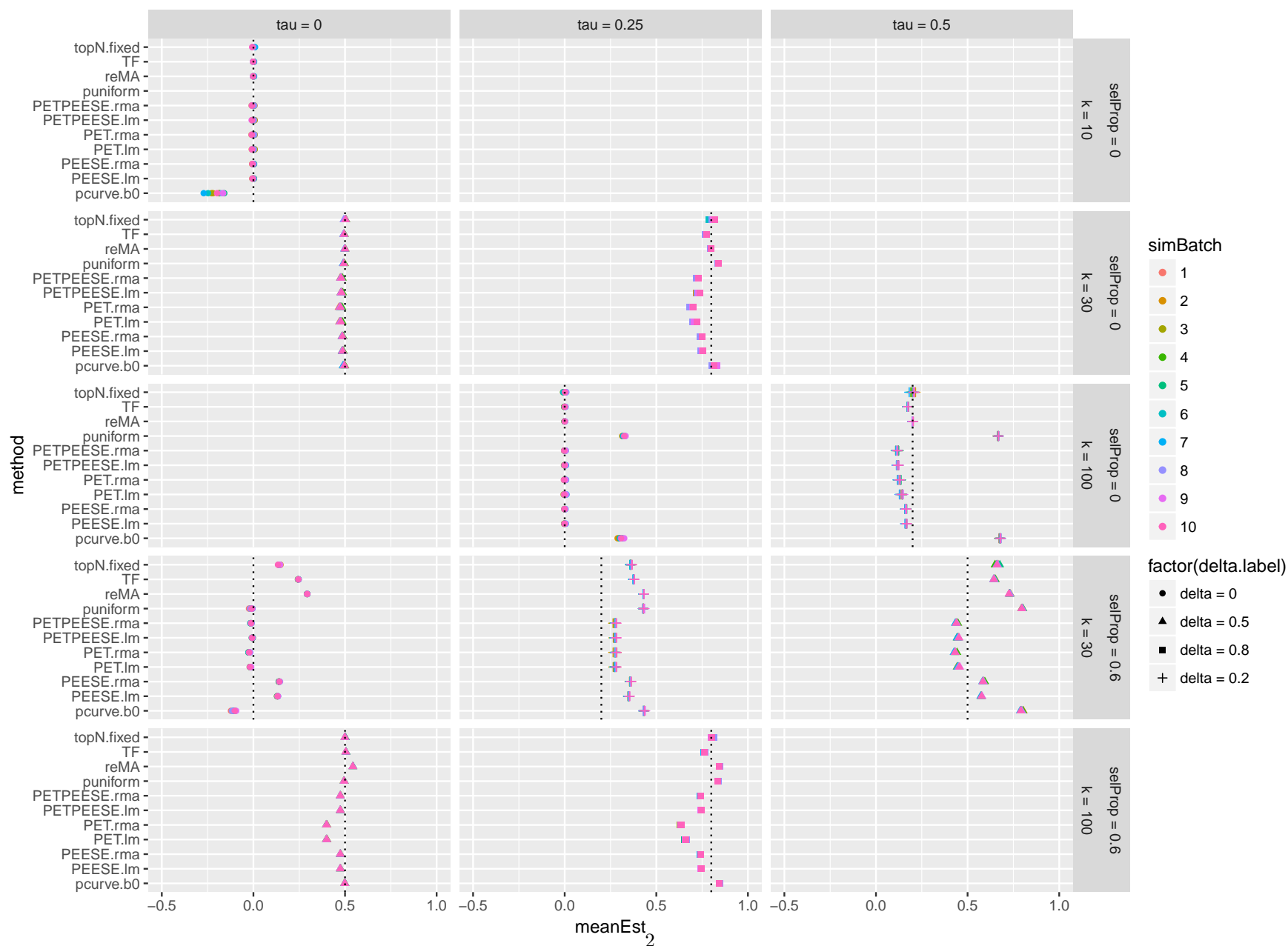
*Felix Schönbrodt*

*2016-10-26*

## Method

Simulations were run with 10,000 replications for a selection of conditions. Then, these 10,000 runs were divided in 10 batches of 1000 simulations each. The following plots show points for each of the 10 batches. One can see that they are virtually identical except in the  $\delta=0$ ,  $\text{selProp}=0$ ,  $k=10$  condition. In this condition, most studies are non-significant, which is a problem for p-curve and p-uniform.

## Variance in ES estimates between simulation batches



## Variance in RMSE between simulation batches

