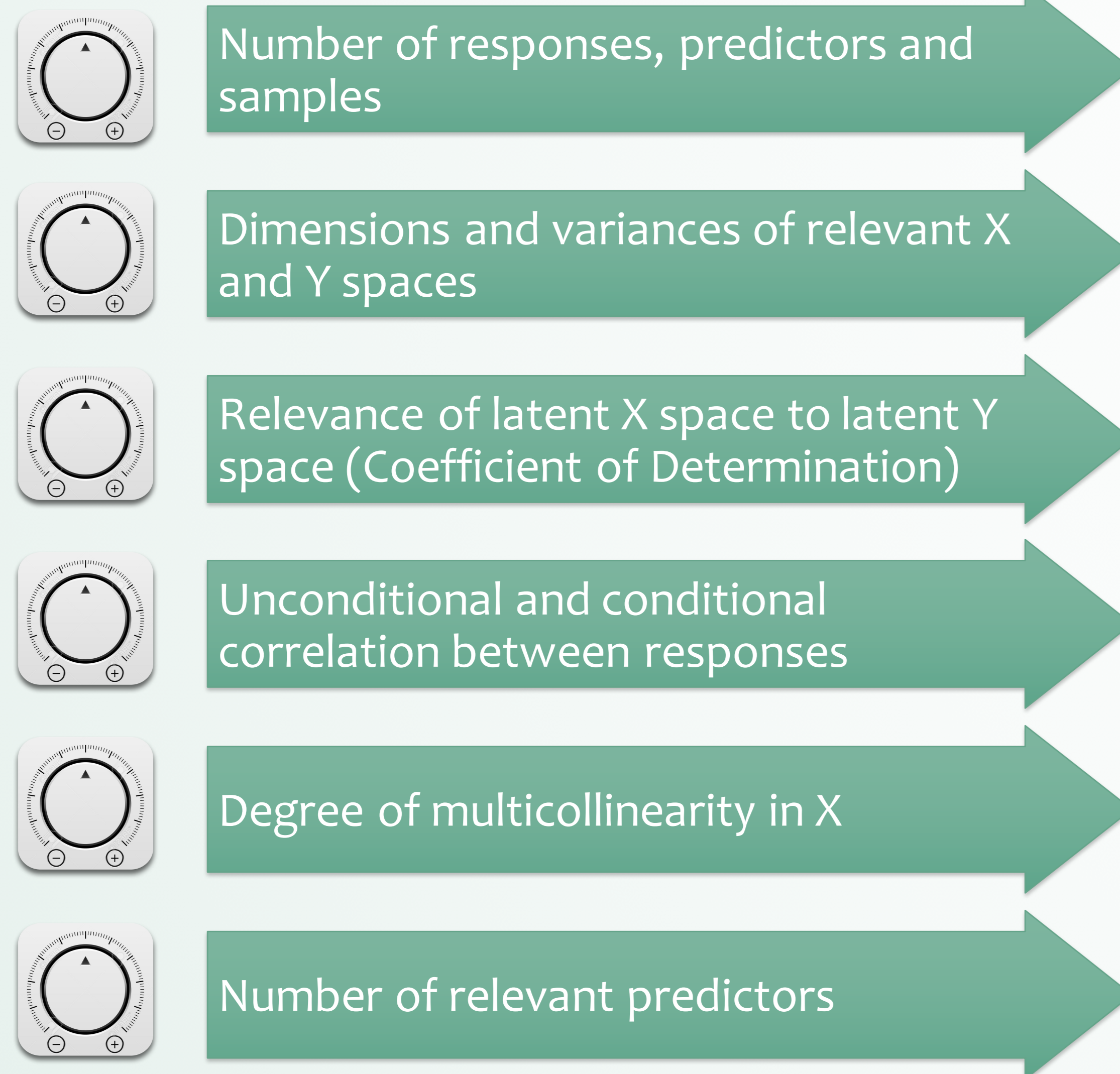


Input Parameters



Examples

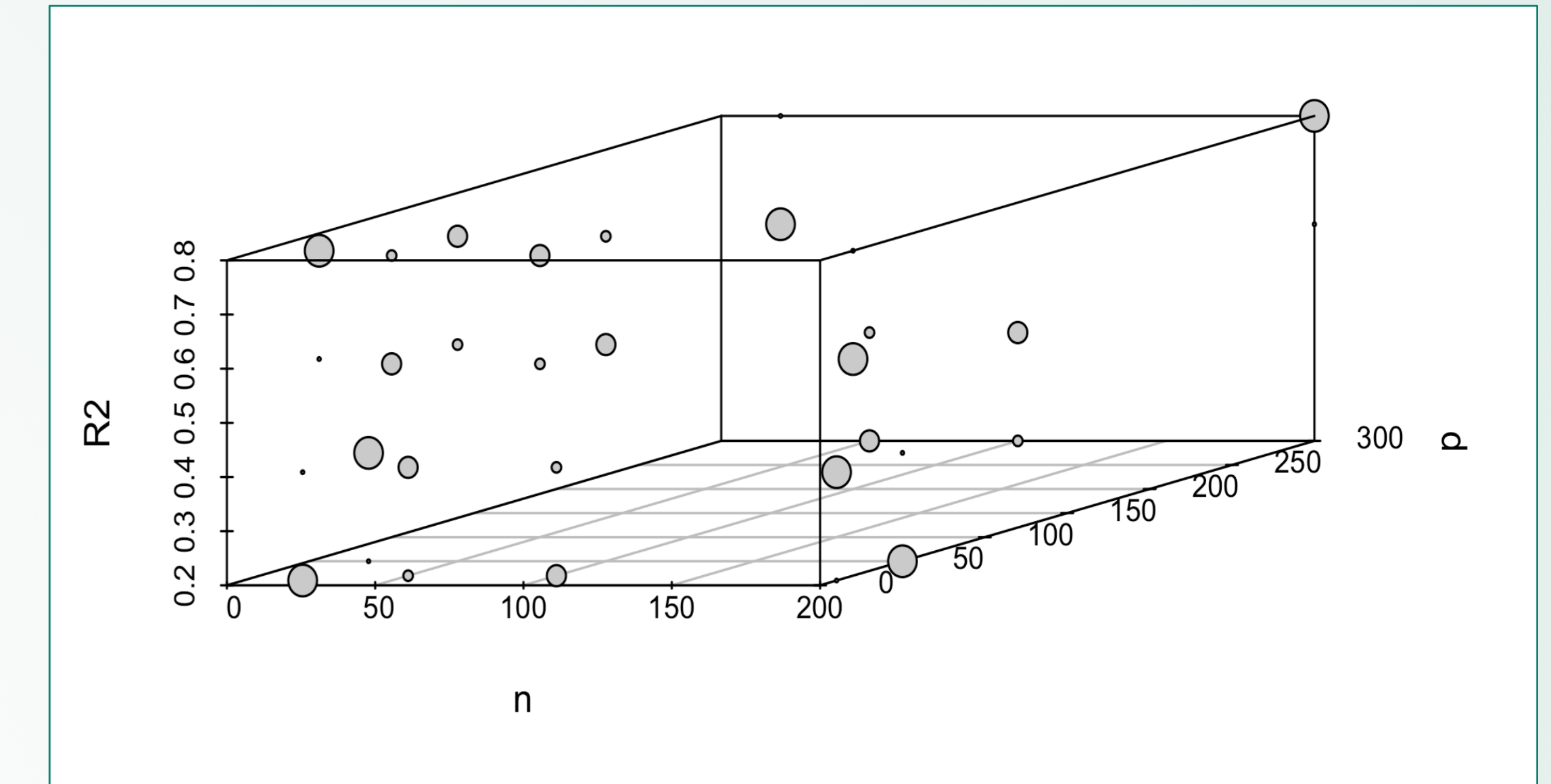


Fig1: Multilevel fractional Simulation Design created using simrel (size corresponds to gamma – multicollinearity factor)

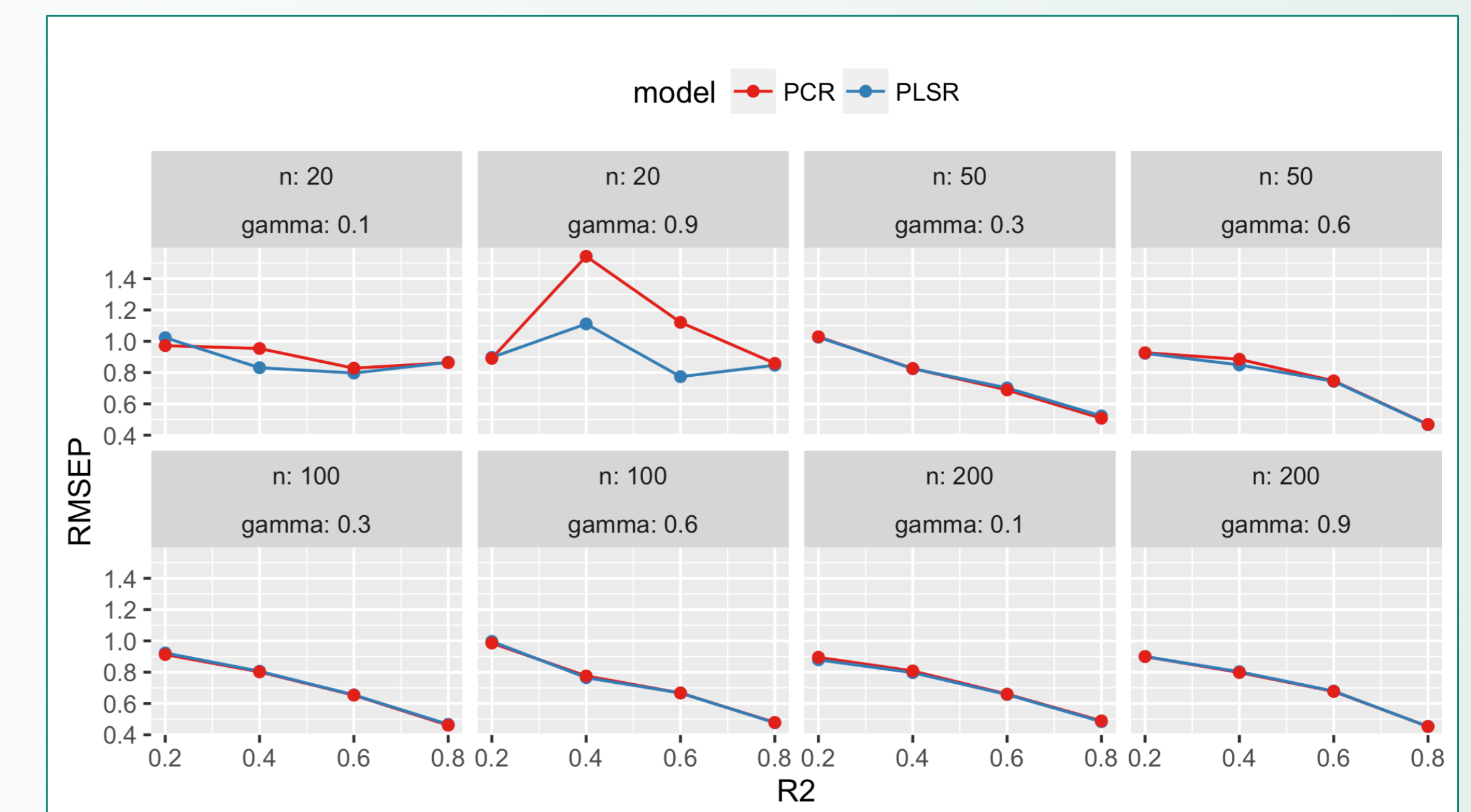


Fig2: Comparing PLS and PCR model on the basis of test prediction error for different combination of parameters

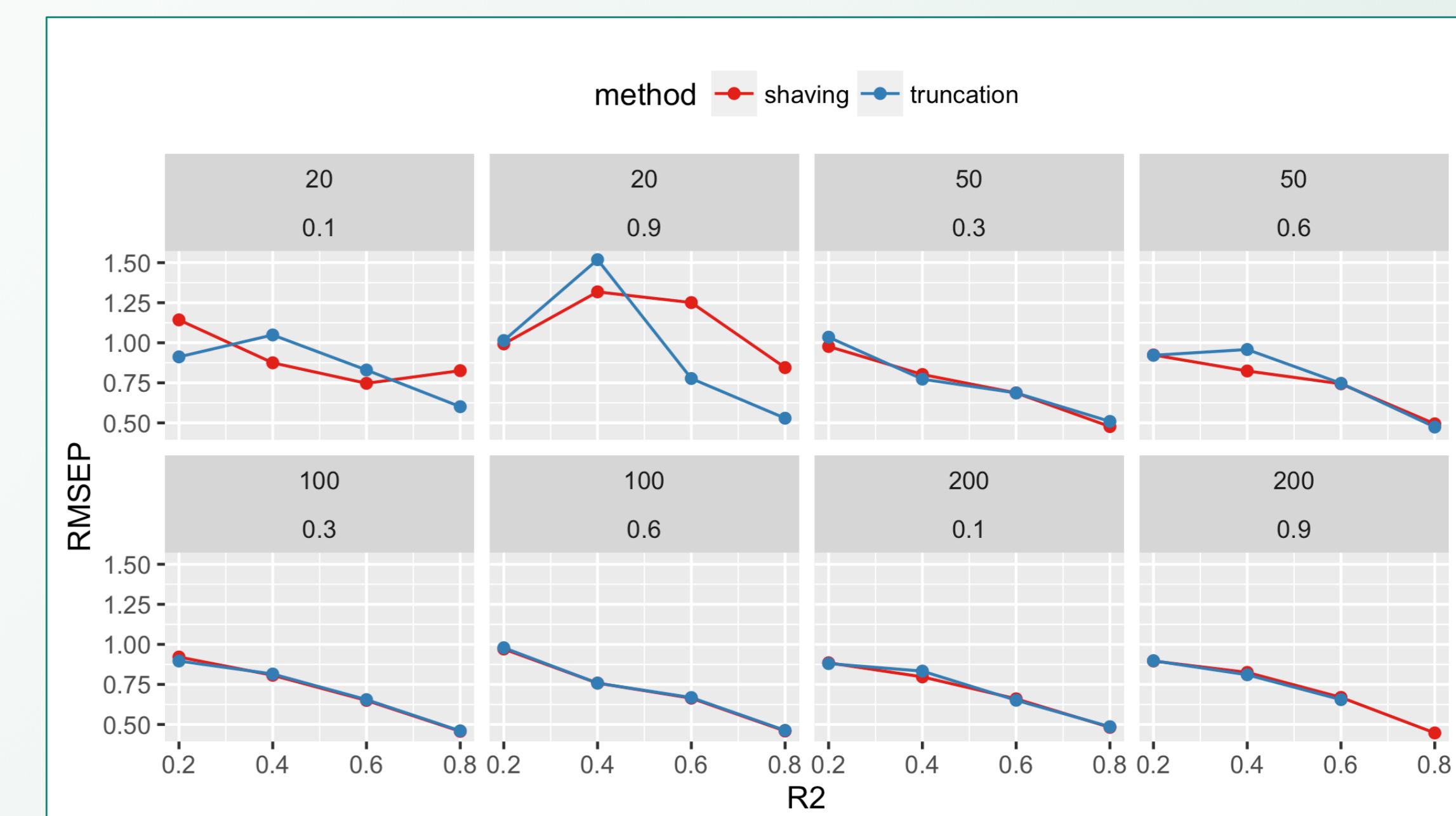


Fig2: Comparing Variable selection methods (shaving vs truncation) on the basis of test prediction error for different combination of parameters



References

- Sæbø, S., Almøy, T., & Helland, I. S. (2015). simrel—A versatile tool for linear model data simulation based on the concept of a relevant subspace and relevant predictors. *Chemometrics and Intelligent Laboratory Systems*, 146, 128-135.
- Helland, I. S., & Almøy, T. (1994). Comparison of prediction methods when only a few components are relevant. *Journal of the American Statistical Association*, 89(426), 583-591.