## Order-constrained inference for the replication models (all three data sets jointly)

| Model | Replication type | Bp | BF |
|---|---|---|---|
| Model 4 | identical | <0.001 | <1.0e-06 |
| Model 4 | joint | not computed | <1.0e-06 |
| Model 4 | substitutable | not computed | not computed |
| Model 9 | identical | <0.001 | <1.0e-06 |
| Model 9 | joint | not computed | <1.0e-06 |
| Model 9 | substitutable | not computed | not computed |
| Model 10 | identical | <0.001 | <1.0e-06 |
| Model 10 | joint | not computed | 11381 |
| Model 10 | substitutable | not computed | not computed |

Bp: Bayesian p-value; BF: Bayes factor against the unconstrained model. Joint: BF = product of the three labs. not computed: needs the 18-dimensional model (see compute_direct in the script). Frequentist p (Fp): QTest.