**Results**

**Bayesian Repeated Measures ANOVA**

| **Model Comparison** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Models** | | | **P(M)** | | **P(M|data)** | | **BF M** | | **BF 10** | | **error %** | | |
| Null model (incl. subject) | |  | 0.053 |  | 1.878e -541 |  | 3.381e -540 |  | 1.000 |  |  | |  |
| CS | |  | 0.053 |  | 2.600e -405 |  | 4.681e -404 |  | 1.384e +136 |  | 1.576 | |  |
| Block | |  | 0.053 |  | 2.444e -546 |  | 4.399e -545 |  | 1.301e  -5 |  | 0.392 | |  |
| CS + Block | |  | 0.053 |  | 6.037e -410 |  | 1.087e -408 |  | 3.214e +131 |  | 2.226 | |  |
| CS + Block + CS  ✻  Block | |  | 0.053 |  | 3.625e  -5 |  | 6.526e  -4 |  | 1.930e +536 |  | 2.151 | |  |
| Group | |  | 0.053 |  | 7.805e -542 |  | 1.405e -540 |  | 0.416 |  | 1.931 | |  |
| CS + Group | |  | 0.053 |  | 1.119e -405 |  | 2.015e -404 |  | 5.959e +135 |  | 1.770 | |  |
| Block + Group | |  | 0.053 |  | 9.808e -547 |  | 1.765e -545 |  | 5.221e  -6 |  | 1.027 | |  |
| CS + Block + Group | |  | 0.053 |  | 2.578e -410 |  | 4.641e -409 |  | 1.373e +131 |  | 2.415 | |  |
| CS + Block + CS  ✻  Block + Group | |  | 0.053 |  | 1.750e  -5 |  | 3.151e  -4 |  | 9.319e +535 |  | 1.494 | |  |
| CS + Group + CS  ✻  Group | |  | 0.053 |  | 1.499e -402 |  | 2.697e -401 |  | 7.978e +138 |  | 11.376 | |  |
| CS + Block + Group + CS  ✻  Group | |  | 0.053 |  | 2.833e -407 |  | 5.100e -406 |  | 1.508e +134 |  | 2.190 | |  |
| CS + Block + CS  ✻  Block + Group + CS  ✻  Group | |  | 0.053 |  | 1.000 |  | 290844.272 |  | 5.323e +540 |  | 2.541 | |  |
| Block + Group + Block  ✻  Group | |  | 0.053 |  | 4.391e -552 |  | 7.904e -551 |  | 2.338e  -11 |  | 2.810 | |  |
| CS + Block + Group + Block  ✻  Group | |  | 0.053 |  | 1.256e -415 |  | 2.260e -414 |  | 6.685e +125 |  | 2.132 | |  |
| CS + Block + CS  ✻  Block + Group + Block  ✻  Group | |  | 0.053 |  | 1.424e  -10 |  | 2.562e  -9 |  | 7.579e +530 |  | 2.103 | |  |
| CS + Block + Group + CS  ✻  Group + Block  ✻  Group | |  | 0.053 |  | 1.340e -412 |  | 2.412e -411 |  | 7.134e +128 |  | 3.739 | |  |
| CS + Block + CS  ✻  Block + Group + CS  ✻  Group + Block  ✻  Group | |  | 0.053 |  | 8.106e  -6 |  | 1.459e  -4 |  | 4.316e +535 |  | 2.515 | |  |
| CS + Block + CS  ✻  Block + Group + CS  ✻  Group + Block  ✻  Group + CS  ✻  Block  ✻  Group | |  | 0.053 |  | 1.994e  -8 |  | 3.590e  -7 |  | 1.062e +533 |  | 2.198 | |  |
|  | | | | | | | | | | | | | |
| *Note.*  All models include subject. | | | | | | | | | | | | | |
| **Analysis of Effects** | | | | | | | | | | | | | |
| **Effects** | | **P(incl)** | | **P(incl|data)** | | | | **BF Inclusion** | | | | | |
| CS |  | 0.263 |  | 0.000 | | |  | NaN | | | |  | |
| Block |  | 0.263 |  | 0.000 | | |  | NaN | | | |  | |
| Group |  | 0.263 |  | 1.750e -5 | | |  | 0.483 | | | |  | |
| CS  ✻  Block |  | 0.263 |  | 1.000 | | |  | ∞ | | | |  | |
| CS  ✻  Group |  | 0.263 |  | 1.000 | | |  | 57125.936 | | | |  | |
| Block  ✻  Group |  | 0.263 |  | 8.106e -6 | | |  | 8.107e -6 | | | |  | |
| CS  ✻  Block  ✻  Group |  | 0.053 |  | 1.994e -8 | | |  | 0.002 | | | |  | |
|  | | | | | | | | | | | | | |
| *Note.*  Compares models that contain the effect to equivalent models stripped of the effect. Higher-order interactions are excluded. Analysis suggested by Sebastiaan MathÃ´t. | | | | | | | | | | | | | |