**Supplementary File 1**

The effect size of response power at 1 Hz

|  |  |  |
| --- | --- | --- |
| condition | *d* | power |
| Alternating-order sequence (*same category*) | 2.14 | 0.99 |
| Alternating-order sequence (*different category*) | 1.90 | 0.99 |
| Random-order sequence (*same category*) | 1.78 | 0.99 |
| Random-order sequence (*different category*) | 2.15 | 0.99 |