Table 1: Summary of 12 experiments

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|  |  | **Manipulations** | | | |  |  |
| **Exp.** | **N** | **Timing** | **Order** | **Blocking** | **Label** | **Effect Size** | **Original Exp.** |
| 1 | 50 | simult. | 1-3 | pseudo-random | same | 1.27 [0.84, 1.71] | XT E1/E2 |
| 2 | 50 | simult. | 1-3 | pseudo-random | same | 1.2 [0.77, 1.64] | XT E1/E2 |
| 3 | 50 | simult. | 1-3 | pseudo-random | diff. | 1.1 [0.67, 1.52] |  |
| 4 | 50 | simult. | 3-1 | blocked | diff. | 0.02 [-0.37, 0.42] | SPSS ES1/ES2 |
| 5 | 50 | simult. | 3-1 | blocked | diff. | -0.02 [-0.42, 0.37] |  |
| 6 | 50 | simult. | 3-1 | blocked | same | -0.04 [-0.43, 0.36] |  |
| 7 | 50 | seq. | 1-3 | pseudo-random | same | 1.43 [0.99, 1.87] |  |
| 8 | 50 | seq. | 1-3 | pseudo-random | diff. | 1.24 [0.81, 1.67] |  |
| 9 | 50 | seq. | 1-3 | blocked | diff. | 1.27 [0.84, 1.71] |  |
| 10 | 50 | seq. | 3-1 | blocked | diff. | -0.43 [-0.83, -0.02] | SPSS E2/E3 |
| 11 | 50 | seq. | 3-1 | pseudo-random | same | -0.3 [-0.7, 0.1] |  |
| 12 | 50 | seq. | 3-1 | blocked | same | -0.18 [-0.58, 0.21] |  |

N = sample size; Timing = presentation timing (sequential or simultaneous); Order = relative ordering of 1 and 3 subordinate trials; Blocking = trials blocked by category or pseudo-random; Label = same or different label in 1 and 3 trials; Effect size = Cohen’s d [95% CI]; Original Exp. = corresponding experiment from prior literature (XT = Xu & Tenenbaum (2007a); SPSS = Spencer, et al. (2011); E = Main Experiment; ES = Supplemental Experiment).

Table 2: *Meta-analytic model with manipulations as fixed effects.*

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| --- | --- | --- | --- |
| **Fixed effect** | **Beta** | **Z-value** | **p-value** |
| Intercept | 1.36 [1.06, 1.65] | 9.02 | <.0001 |
| Simultaneous vs. sequential timing | -0.16 [-0.37, 0.06] | -1.45 | 0.15 |
| 1-3 vs. 3-1 trial order | -1.44 [-1.75, -1.14] | -9.27 | <.0001 |
| Different vs. same label | 0.06 [-0.19, 0.31] | 0.51 | 0.61 |
| Blocked vs. pseudo-random trial structure | -0.1 [-0.44, 0.24] | -0.56 | 0.58 |