Data coding for Simultaneous condition of Exp1 and Exp 2

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| **Column** | **Meaning** | **Values** |
| 1 | Block | 1-3 practice, 4-15 experimental |
| 2 | Trial | 1=warmup, 2-61 experimental |
| 3 | Target digit | 2-9 |
| 4 | Distractor digit | 2-9 |
| 5 | Voice repeat/switch | 1=repeat,2=switch |
| 6 | Cue-stimulus interval (CSI) | 1=50, 2=800, 3=1400 ms |
| 7 | Response congruence | 1=Congruent, 2=Incongruent |
| 8 | Cue type | 1=Word, 2=Picture |
| 9 | Position in run | 1=voice switch trial, 2-n = voice repeat trials |
| 10 | Target voice | 1=male, 2=female |
| 11 | Response | 1=odd, 2=even |
| 12 | Accuracy on previous trial | 1=correct, 0=error |
| 13 | RT | 0-4000 ms |
| 14 | Accuracy | 1=correct, 0=error |

Data coding for Sequential Condition of Exp 1

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| **Column** | **Meaning** | **Values** |
| 1 | Block | 1-3 practice, 4-12 experimental |
| 2 | Trial | 1=warmup, 2-16 experimental |
| 3 | Target digit | 2-9 |
| 4 | Distractor digit | 2-9 |
| 5 | Voice repeat/switch | 1=repeat,2=switch |
| 6 | CSI | 1=50, 2=800, 3=1400 ms |
| 7 | Response congruence | 1=Congruent, 2=Incongruent |
| 8 | Cue type | 1=Word, 2=Picture |
| 9 | Position in run | 1=voice switch trial, 2-n = voice repeat trials |
| 10 | Target voice | 1=male, 2=female |
| 11 | Which voice is target | 1=first, 2=second |
| 12 | Response | 1=odd, 2=even |
| 13 | Accuracy on previous trial | 1=correct, 0=error |
| 14 | RT0 | RT when voice 1 was target recorded by e-prime relative to the onset of voice 1 (before the onset of voice 2)\* |
| 15 | RT2 | RT recorded by e-prime relative to the onset of voice 2 irrespective of which voice is target |
| 16 | RT1 | RT when voice 1 was target recorded by e-prime relative to the onset of voice 2, but re-calculated offline relative to the onset of voice 1; includes the values from column 14; set to 0 when voice 2 was target |
| 17 | Accuracy | 1=Correct, 0=Error |

 \* very few instances (none in most participants)