**Data Codebook for Experiment 2,** **Task-Switching**

File: *task-switching-replication-recoded-2.csv*

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| --- | --- |
| **Variable Name** | **Description** |
| participant | Unique identifier for each participant. |
| session | Not used, always coded as *1*. |
| condition | 1-16 (same for each participant). Counterbalancing for 2 posture (start with standing or sitting), 2 cue type (shape or color), 2 shape (left or right), and 2 shape color (left or right). 2^4 = 16 covers all possible orders. |
| trialType | Always *experiment* in cleaned data. |
| posture | standing (4 blocks per participant) or sitting (4 blocks per participant) |
| blockNum | 1-4, four blocks for each posture per participant. Eight block per participant. |
| trialNum | 1-49 (including buffer trial). 49 trials per participant per block. |
| switchTrialType | buffer (first trial only), noswitch or switch |
| congruentTrialType | incongruent or congruent |
| cueType | solid or dashed |
| shapeType | square or triangle |
| shapeColor | blue or yellow |
| response | Participant response (left or right) |
| correctResponse | Correct response (left or right) |
| correct | yes (response == correctResponse) [match] or no (response != correctResponse) [do not match] |
| reactionTime | Time in seconds |
| date | Month/Day/Year when the experiment was run and local (Central) time in hours:minutes:seconds AM/PM |
| utcTime | Universal Coordinate Time (UTC) when the experiment was run |