Cognitive Experiment

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| colnames | meaning |
| SIFI\_Uni\_V | Average Accuracy of Unisensory Visual Block  (4 conditions: 1F0B, 2F0B, 3F0B, 4F0B, 48 trials in total) |
| SIFI\_Uni\_A | Average Accuracy of Unisensory Auditory Block  (4 conditions: 0F1B, 0F2B, 0F3B, 0F4B, 48 trials in total) |
| SIFI\_Bi\_V | Average Accuracy of participant's response to Visual stimulus in Bisensory Block  (3 conditions: 1F0B, 2F0B, 3F0B, 36 trials in total)  Other trials which have both visual and auditory stimuli are not considered. |
| SIFI\_Bi\_A | Average Accuracy of participant's response to Auditory stimulus in Bisensory Block  (3 conditions: 0F1B, 0F2B, 0F3B, 36 trials in total)  Other trials which have both visual and auditory stimuli are not considered. |
| SIFI\_Bi\_WeightedA | Computing weighted mean of SIFI\_Uni\_A (48 trials) and SIFI\_Bi\_A(36 trials) |
| SIFI\_Bi\_WeightedV | Computing weighted mean of SIFI\_Uni\_V (48 trials) and SIFI\_Bi\_V(36 trials) |
| Pitch | Average Accuracy in Pitch Discrimination Task |
| RhythmV | Average Accuracy in Visual Rhythm Discrimination Task |
| RhythmA | Average Accuracy in Auditory Rhythm Discrimination Task |
| SRT\_A | Using the reciprocal of median of reaction time for each participant in Auditory Block |
| SRT\_V | Using the reciprocal of the median of reaction time for each participant in Visual Block in Simple Reaction Time Task |
| SRT\_B | Using the reciprocal of the median of reaction time for each participant in Bisensory Block in Simple Reaction Time Task |
| LocalizationA | Using the reciprocal of the average error for each participant in Auditory Block in the Localization Task |
| LocalizationV | Using the reciprocal of the average error for each participant in Visual Block in the Localization Task |
| SpeechA | Accuracy when only Auditory stimuli is available for participants in Speech Task |
| SpeechAV | Accuracy when both Auditory and Visual stimuli are available for participants in Speech Task |
| Corsi | Maximum length of visual-spatial memory in Corsi Task |
| LetterNumberSpan | Working Memory Span in LNS Task |
| Cancellation | Adjusted Hit rate in Cancellation Task |
| Raven | Raven Score (Maybe it’s calculated by the ranking of the grades compared to the norm) |
| WordMemory | Accuracy of recall in Word Memory Task |
| Trial | The median in Trial Task(5 trials per participant) |