Pilot: experiment used to collect data for NCUR 2018 Poster. (pre 8/31/18)

IEInitial:

2 block types (A, V)

16 gradations (0, 14 points (nonlinearly, bias towards middle), 0.3)

4 reps per stimuli per block 🡪 64 stimuli per block

10 blocks per block type (20 blocks total)

40 reps per stimuli in total

1280 TOTAL stimuli

ISI 1.5-3seconds

IETwo:

3 block types (A, V, AV)

3 Gradations (30%, 60%, 90%)

1.5-2.8 ISI (1-2 for Allen).

17 reps per block = 51 stims per block

204 reps per gradation

General:

IETwo and IEInitial are on separate days

v180831: 08/31/18 – 9/10/18:

1. Added catch trials and supraliminal catches to IETwo.
2. Changed chosen detectabilities to be 0, 25%, 50% and 100% (0.3 alpha and amplitude value).
3. Change from 16 tested stimuli to 12 (0, ten evenly spaced points, 0.075 or 0.1 (auditory, visual)
4. Participants Collected: Cody

v180910: 09/10/18 – 09/20/18

1. Randomized visual stimuli to choose from 50 pregenerated stimuli.
2. Participants Collected: 10108001-10108003
3. IETwo and IEInitial occurred on the same day

v180920:

IEInitial:

1. changed tested range for visual to end at 0.125. (0, ten points between 0 and 0.125, 0.3)
2. Number of reps of each stim per block increased from 4 to 5. (new total number of reps of each stim = 50, 60 stims per block). Number of blocks remain unchanged.
3. ISI changed to 1.5-2.8 seconds to match IETwo ISIs.
4. Visual stimulus length increased from 4 frames to 6 frames (60ms to 100ms)
5. Auditory stimulus length increased from 60ms to 100ms.

IETwo:

1. Visual stimulus length increased from 4 frames to 6 frames
2. Auditory stimulus length increased from 60ms to 100ms.

General:

1. Initial and IETwo are two separated stages again, with several days inbetween sessions.

V190925:

IETwo:

1. Frequency of catch and supraliminal catches decreased from ¼ to 1/12.
2. Number of blocks changed to 8 per modality. 24 total blocks 🡪 1440 stimuli & 200 reps per stim and 40 per catch.
3. Ran cody test\_two for one block of each modality

V190928:

IEInitial:

1. Decreased number of tested intensities to 11 from 12.

IETwo:

1. Changed tested values from [0 25 50 100] to [0 10 20 30 40 50 60 70 80 90 100]