

Habit Adult Protocol - Year 1

Updated by AF on 8/23/2022

**Screening via Qualtrics**

- MR eligibility**
- ASR** – Adult Self-Report (age 18-26)

**Behavioral Visit - \$65****Total visit time: ~3-3.5 hours**

- Consent** (~10-15 min)
- Simulator** (5-10 min)
- Address Update** (2 min)
- Pre-Test Questionnaire** (2 min)
- Eye-tracking Tasks:**
  - Anti-Saccade Rings** (10 min)
  - VGS** (3 min)
  - MGS** (5 min)
  - Eye Battery Run-Sheet** (1 min)
- RIST** - Reynolds Intellectual Screening Test (20 min)
- Slips Task** (20 min)
- Habit Task Practice** (5-6 min)
- Millisec** (20-30 min):
  - Stop Signal Task** (10 min)
  - Four Choice Reaction Time Task** (3 min)
  - Tower of London V2 Task** (10 min)
  - Delay Discounting Task** (5-6 min, 110 questions)
  - Probabilistic Reversal Learning Task (1 Block)** (10 min/block)
- Daw Sequential Learning Task** (15-20 min)
- Surveys via Qualtrics (at home or in lab)** (45 min):
  - RT-18** (5 min)
  - UPPS-P** - Impulsive Behavior Scale (5 min)
  - WHOQOL-BREF** – WHO Quality of Life Questionnaire (10 min)
  - Smartphone Addiction: SAS SV** (5 min)
  - Risk Perception** (5 min)
  - Drug Use Questionnaire** (5 min)
  - Demographics** (10 mins)
- STRAIN Survey (at home or in lab)** (20 min)

***fMRI Visit - \$100***

***Total visit time: 1.5 hours***

- Pre-Scan Questionnaire
- fMRI Tasks:
  - Rest
  - Habit Task
  - Dollar Reward (2 run-throughs)
  - Rest
- Post-Scan Questionnaire

***EEG Visit - \$75 + \$25 bonus for completion of all study visits***

***Total visit time: 2 hours***

- Pre-Scan Questionnaire
- EEG Tasks:
  - EOG Calibration
  - Habit Task
  - VGS
  - Dollar Reward (2 run-throughs)
  - Auditory Steady State
  - Rest
- Post-Scan Questionnaire