Summary of data collection process during CAP

Participants were recruited on Prolific and paid $8/hour plus a potential monetary bonus from the risky decision-making task which was 1/5 of the outcome from a randomly selected trial from the gain-only task. Consent and questionnaires were hosted on Qualtrics and the cognitive tasks were hosted on Pavlovia.

During phase 1, we recruited ~28 participants (7 participants from each quartile; see below for quartile information). All participants from phase 1 were invited back to complete phase 2 and had 5 days to complete phase 2. Phase 1 and 2 were identical except that we removed 4 demographic questions that were considered “stable” (e.g. gender).

State quartiles were based on number of COVID-19 cases on the first day of the study (March 27, 2020) where states in Quartile 1 had the fewest cases and states in Quartile 4 had the most cases. The table below is also in “CAP/data/combinedData/stateQuartiles.csv”.

|  |  |  |  |
| --- | --- | --- | --- |
| **Quartile 1** | **Quartile 2** | **Quartile 3** | **Quartile 4** |
| Alaska | Alabama | Arizona | California |
| Delaware | Arkansas | Connecticut | Colorado |
| Hawaii | Columbia | Indiana | Florida |
| Idaho | Iowa | Maryland | Georgia |
| Kansas | Kentucky | Mississippi | Illinois |
| Montana | Maine | North Carolina | Louisiana |
| North Dakota | Minnesota | Nevada | Massachusetts |
| Nebraska | Missouri | Ohio | Michigan |
| New Mexico | New Hampshire | South Carolina | New Jersey |
| South Dakota | Oklahoma | Tennessee | New York |
| Vermont | Oregon | Utah | Pennsylvania |
| West Virginia | Rhode Island | Virginia | Texas |
| Wyoming |  | Wisconsin | Washington |

Order of study events on each day of each phase:

1. Prolific (recruitment)
2. Qualtrics (consent)
3. Pavlovia (2 cognitive tasks)
4. Qualtrics (questionnaires)
5. Prolific (study completion recorded)

**Phase 1**

Cognitive tasks (Pavlovia):

1. Risky decision-making task (RDM)
   1. 119 gain-only trials
   2. 20 mixed-valence trials
2. AX-CPT
   1. 120 trials

Questionnaires (Qualtrics):

1. State Trait Anxiety Inventory (STAI)
   1. 20 questions about state anxiety
   2. 20 questions about trait anxiety
2. Perceived Stress Scale (PSS)
   1. 10 questions about stress over the last month
3. Current stress
   1. 1 question about current stress
4. UCLA Loneliness Scale (UCLA-L)
   1. 20 questions about feelings of loneliness
5. Perceived COVID risk
   1. 23 questions about perceived risk of COVID-19
6. Demographics
   1. 6 questions (gender, race, ethnicity, age, state, county)
7. Socioeconomic status (SES)
   1. 8 questions about SES growing up
   2. 7 questions about SES currently
8. 3 attention checks
   1. “This question is intended only to serve as an attention check. Please choose option 1”
9. Open-ended response for participants to report anything not covered above

**Phase 2**

Cognitive tasks (Pavlovia):

1. Risky decision-making task (RDM)
   1. 119 gain-only trials
   2. 20 mixed-valence trials
2. AX-CPT
   1. 120 trials

Questionnaires (Qualtrics):

1. State Trait Anxiety Inventory (STAI)
   1. 20 questions about state anxiety
   2. 20 questions about trait anxiety
2. Perceived Stress Scale (PSS)
   1. 10 questions about stress over the last month
3. Current stress
   1. 1 question about current stress
4. UCLA Loneliness Scale (UCLA-L)
   1. 20 questions about feelings of loneliness
5. Perceived COVID risk
   1. 23 questions about perceived risk of COVID-19
6. Demographics
   1. 2 questions (state, county)
7. Socioeconomic status (SES)
   1. 8 questions about SES growing up
   2. 7 questions about SES currently
8. 3 attention checks
   1. “This question is intended only to serve as an attention check. Please choose option 1”
9. Open-ended response for participants to report anything not covered above