**JASA ACS Reproducibility Initiative - Author Contributions Checklist Form**

The purpose of the Author Contributions Checklist (ACC) Form is to document the code and data supporting a manuscript, and describe how to reproduce its main results.

As of Sept. 1, 2016, the ACC Form must be included with all new submissions to JASA ACS.

This document is the initial version of the template that will be provided to authors. The JASA Associate Editors for Reproducibility will update this document with more detailed instructions and information about best practices for many of the listed requirements over time.

## Data

**Abstract (Mandatory)**

Data for this study is collected in a sequence of 10 different experimental studies using Amazon Mechanical Turk (MTurk) web site. In the data, the experiment column indicates the experiment number. For experiment number 9, we have some additional information. So, those extra data are uploaded in a separate data file.

**Availability (Mandatory)**

All the experimental data for this research are available and uploaded along with this manuscript.

**Description (Mandatory if data available)**

If the manuscript is accepted data can be publicly available as supplemental information. However, before making any use of the data, author permission will be needed.

The data is uploaded as .RData format along with this manuscript. This types of data can be accessed using R function ‘load()’. There are two data tables in the file. Data Table ‘allDat’ contains all the 10 experimental data for this study. Data Table ‘exp9Dat’ contains additional information for experiment 9. More detailed column descriptions for the data are as below.

Table allDat

|  |  |  |
| --- | --- | --- |
| Data column | Type | Description |
| id | character | Subject id |
| response | logical | True if data plot is detected, otherwise False |
| start\_time | character | Time at which subject started evaluating lineup |
| time\_taken | integer | Time taken to evaluate the particular lineup |
| lineup\_id | integer | Identification of lineup evaluated |
| gender\_level | factor | Female, Male |
| age\_level | factor | 18-25, 26-30, 31-35, 36-40, 41-45, 46-50, above 50 |
| degree | factor | Education level |
| country\_code | character | Two-character country code |
| country\_name | character | Country name |
| country | factor | US, India or rest of the world |
| longitude | numeric | Longitude of the subject location |
| latitude | numeric | Latitude of the subject location |
| experiment | integer | Experiment identifier |

Table exp9Dat

|  |  |  |
| --- | --- | --- |
| Data column | Type | Description |
| id | character |  |
| lineup\_type | factor |  |
| lineup\_name | character |  |
| plot\_location | integer |  |
| nulls | character |  |
| response | logical |  |

**Optional Information (complete as necessary)**

Unique identifier / DOI

## Code

**Abstract (Mandatory)**

R codes are provided along with this manuscript that can produce figures and model results used in the manuscript. The codes are annotated so that once can locate which figures or tables are being generated. Other helpful information is also provided with the codes.

**Description (Mandatory)**

Codes are provided as an R script file ‘sociology-paper-v1.R’. The codes can be publicly available as supplementary information along with the manuscript once it is accepted.

**Optional Information (complete as necessary)**

The R script can be executed on any PC (windows or MAC). The version information used to execute the codes for this manuscript is a s follows

platform x86\_64-apple-darwin15.6.0

arch x86\_64

os darwin15.6.0

system x86\_64, darwin15.6.0

status

major 3

minor 4.1

year 2017

month 06

day 30

svn rev 72865

language R

version.string R version 3.4.1 (2017-06-30)

nickname Single Candle

## Instructions for Use

**Reproducibility (Mandatory)**

The code provided with this manuscript can reproduce all the figures (3-8) and tables (2-7) in the manuscript related to the experiments conducted. Sufficient annotations are provided along with the codes to understand what the particular code is producing.

Other figures (1-2) and table(1) are not generated from the data for this study. Those are provided as picture files and information with appropriate references in the manuscript. Data for electoral lineup or the figure are publicly available data and can be obtained as referred in the manuscript.

**Replication (Optional)**

How to use software in other settings (or links to such information, e.g., R package vignettes, demos or other examples)

## Notes

Other relevant information, in particular how to access the data and code if not yet made publicly available.

Since data and codes are being submitted along with this manuscript, they may be publicly available after the manuscript is accepted. However, author permission will be needed for any use of the data and codes.