```
library(tidyverse)
```

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.2 --
## v ggplot2 3.3.6      v purrr   0.3.5
## v tibble  3.1.8      v dplyr   1.0.10
## v tidyr   1.2.1      v stringr 1.4.1
## v readr   2.1.3      v forcats 0.5.2
## -- Conflicts ------------------------------------------ tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(here)
```

```
## here() starts at /Users/caoanjie/Desktop/projects/CCRR_writeups
```

```
library(papaja)
```

```
## Loading required package: tinylabels
```

```
library(kableExtra)
```

```
## Warning in !is.null(rmarkdown::metadata$output) && rmarkdown::metadata$output
## %in% : 'length(x) = 2 > 1' in coercion to 'logical(1)'

##
## Attaching package: 'kableExtra'
##
## The following object is masked from 'package:dplyr':
##
##     group_rows
```

```
library(glue)

d1 <- read_csv(here("data/03_processed_data/exp1/tidy_main.csv"))
```

```
## New names:
## Rows: 37595 Columns: 8
## -- Column specification
## -------------------------------------------------------- Delimiter: "," chr
## (6): subject, culture, task_name, task_info, trial_info, resp_type dbl (2):
## ...1, resp
## i Use `spec()` to retrieve the full column specification for this data. i
## Specify the column types or set `show_col_types = FALSE` to quiet this message.
## * `` -> `...1`
```

```
d2 <- read_csv(here("data/03_processed_data/exp2/tidy_main.csv"))
```

```
## Warning: One or more parsing issues, call `problems()` on your data frame for details,
## e.g.:
##   dat <- vroom(...)
##   problems(dat)
```

```
## Rows: 40257 Columns: 7
## -- Column specification --------------------------------------------------------
## Delimiter: ","
## chr (7): subject, culture, task_name, task_info, trial_info, resp_type, resp
##
## i Use `spec()` to retrieve the full column specification for this data.
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

Table 1: Tasks included in each experiment and the final sample size after exclusion.

Experiment	Task	Citation	Task Description	CN	US
1	Ambiguous Relational Match-To-Sample (RMTS)	Carstensen et al. (2019)	Infer whether an object or relation is causally relevant	167	169
	Picture Free Description	Imada, Carlson, & Ktakura (2013)	Describe pictures from memory after a brief study period	167	169
	Ebbinghaus Illusion	Imada, Carlson, & Itakura (2013)	Judge the size of circles in a context designed to bias size judgments	167	169
	Horizon Collage	Senzaki, Masuda, & Nand (2014)	Make an image by dragging and dropping stickers onto a display	167	169
	Symbolic Self-Inflation (Family)	Kitayama et al. (2009)	Draw self and family members as circles	141	110
	Uniqueness Preference	Kim & Markus (1999)	Choose a sticker from five stickers, four of which are the same color	167	169
	Child Causal Attribution	Seiver, Gopnik, & Goodman (2013)	Watch short vignettes and explain the decisions of the characters	167	169
	Raven's Progressive Matrices	Su (2020)	Use analogic reasoning to complete visually-presented patterns	167	169
2	Ambiguous Relational Match-To-Sample (RMTS)	Carstensen et al. (2019)	Infer whether an object or relation is causally relevant	174	293
	Picture Free Description	Imada, Carlson, & Itakura (2013)	Describe pictures from memory after a brief study period	132	284
	Change Detection	Mausda & Nisbett (2007)	Find differences in the foreground or background of two images	160	253
	Symbolic Self-Inflation (Friends)	Kitayama et al. (2009)	Draw a sociogram with self and friends as nodes, relationships as edges	158	252
	Adult Causal Attribution	Morris & Peng (1994)	Read a crime story and explain the criminal's motivations	114	293

Taxonomic-Thematic Similariy	Ji, Zhang, & Nisbett (2004)	Match items based on taxonomic or thematic similarity (e.g., cow: chicken / grass)	178	295
Semantic Intuition	Li, Liu, Chalmers, & Snedeker (2018)	Decide whether a story refers to a named character (whose actions are mischaracterized) or the person who performed the actions (but had a different name)	181	298
Raven's Progressive Matrices	Su (2020)	Use analogical reasoning to complete visually-presented patterns	181	298

table 2