

Render Tables of Validation Measures

Render the latex tables for the included measures.

```
library(kableExtra)
library(pander)
library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.0 --

## v ggplot2 3.3.0      v purrr  0.3.4
## v tibble  3.0.1      v dplyr  1.0.1
## v tidyr   1.0.2      v stringr 1.4.0
## v readr   1.3.1      v forcats 0.5.0

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter()    masks stats::filter()
## x dplyr::group_rows() masks kableExtra::group_rows()
## x dplyr::lag()       masks stats::lag()

library(magrittr)

##
## Attaching package: 'magrittr'

## The following object is masked from 'package:purrr':
##
##      set_names

## The following object is masked from 'package:tidyr':
##
##      extract

library(stringr)
options(kableExtra.auto_format = FALSE)

dt <- mtcars[1:5, 1:6]

kbl(dt)
```

	mpg	cyl	disp	hp	drat	wt
Mazda RX4	21.0	6	160	110	3.90	2.620
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875
Datsun 710	22.8	4	108	93	3.85	2.320
Hornet 4 Drive	21.4	6	258	110	3.08	3.215
Hornet Sportabout	18.7	8	360	175	3.15	3.440

```
# get data
table_url <- "https://docs.google.com/spreadsheets/d/e/2PACX-1vRdpZi42thE2Rl0EBKlgC-ybUqKnYo1YiFgDeVZxc..."

raw_table <- read_csv(table_url)
```

```
## Parsed with column specification:
```

```

## cols(
##   Study = col_character(),
##   `Main Measure` = col_character(),
##   `Subscale (if any)` = col_character(),
##   `Measured Cosntruct` = col_character(),
##   Validity = col_character(),
##   Citation = col_character()
## )

raw_table <- raw_table %>%
  mutate(need_packing = !(`Main Measure` == `Subscale (if any)`)) %>%
  # abbreviate the labels
  mutate(Validity = str_replace(Validity, "Convergent", "Con."),
         Validity = str_replace(Validity, "Discriminant", "Dis."))

pack_starts <- raw_table %>%
  mutate(rownum = row_number()) %>%
  group_by(Study, `Main Measure`) %>%
  filter(row_number() == 1 | row_number() == n()) %>%
  filter(need_packing == TRUE) %>%
  mutate(start_end = case_when(row_number() == 1 ~ "start",
                               row_number() == n() ~ "end")) %>%
  select(-Validity, -Citation, -`Measured Cosntruct`, -need_packing)

pack_starts <- raw_table %>%
  mutate(rownum = row_number()) %>%
  group_by(Study, `Main Measure`) %>%
  mutate(Submeasure = row_number()) %>%
  mutate(start_num = case_when(Submeasure == 1 ~ rownum),
         end_num = case_when(Submeasure == n() ~ rownum)) %>%
  ungroup() %>%
  fill(start_num, .direction = "down") %>%
  fill(end_num, .direction = "up") %>%
  filter(Submeasure == 1) %>%
  mutate(need_packing = (start_num != end_num),
         `Subscale (if any)` = case_when(need_packing == FALSE ~ `Main Measure`)) %>%
  mutate(labels = case_when(need_packing == TRUE ~ `Main Measure`,
                           TRUE ~ " ")) %>%
  mutate(intervals = end_num - start_num + 1)

pack_index <- pack_starts$intervals
names(pack_index) <- pack_starts$labels

pack_index_a <- pack_starts %>% filter(Study == "a") %>% pull(intervals, labels)
pack_index_b <- pack_starts %>% filter(Study == "b") %>% pull(intervals, labels)
pack_index_c <- pack_starts %>% filter(Study == "c") %>% pull(intervals, labels)
pack_index_d <- pack_starts %>% filter(Study == "d") %>% pull(intervals, labels)
pack_index_e <- pack_starts %>% filter(Study == "e") %>% pull(intervals, labels)

```

Study 1a

Table 1: Table X. Summary of Measures for Study 1a

Subscale (if any)	Measured Cosntruct
Self-Assessment Manikin	
Valence	State valence
Arousal	State arousal
Dominance	State dominance
Center for Epidemiologic Studies Depression Scale (CES-D)	Depressive symptoms
Beliefs about Biological Differences between Blacks and Whites Scale	False beliefs about biological differences between E
Interpersonal Reactivity Scale	Tendency to react to another person's experience
Self-Monitoring Scale	Tendency to self-observe and control one's behavior
Paradox Mindset Scale	Tendency to accept and get excited by tensions
Integrative Complexity Scale	Capacity to acknowledge the competing opinions
Multiple Identity Scale	Membership to different social groups

```
# raw_table %>%
#   filter(Study == "a") %>%
#   select(-Study, -`Main Measure`, -need_packing) %>%
#   kbl(caption = "Table X.") %>%
#   # column_spec(3:5, width = "2cm") %>%
#   pack_rows(index = pack_index_a,
#             bold = FALSE, hline_after = FALSE) %>%
#   kable_classic(full_width = F, html_font = "Cambria") %>%
#   row_spec(0, bold = T)
```

All Studies

Resources

<https://www.datadreaming.org/post/apa-style-table-in-rmarkdown-html-version/>

<https://stackoverflow.com/questions/54876165/using-a-for-loop-with-knitrkable-and-kableextraadd-header-above>

Table 2: Table X. Summary of Measures for Study 1b

Subscale (if any)	Measured Cosntruct	V
Valence	State valence	C
MacArthur Scale of Subjective Social Status	Subjective social status	I
PROMIS—Short Form 8a		
Social Isolation	Social isolation	C
Emotional Support	Emotional support	C
Informational Support	Informational support	C
Couples Satisfaction Index	Romantic relationship quality	C
Inclusion of Other in Self Scale	Closeness between the self and the other person	C
Partner Responsiveness Scale	Romantic partner responsiveness	C
Relationship Conflict Scale	Conflicts in a romantic relationship	C
Ostracism from Romantic Partner Scale	Ostracism from a romantic partner	C
Abusive Behavior Inventory—Revised		
Psychological Abuse	Perpetration of psychological abuse against a romantic partner	C
Physical Abuse	Physical abuse perpetration against a romantic partner	C
Controlling Behavior Scale—Modified		
Economic Control	Perpetration of economic control	I
Threats	Perpetration of threats	I
Intimidation	Perpetration of intimidation	I
Emotional Control	Perpetration of emotonal control	I
Isolation	Perpetration of isolation	I
Modified Food Craving Questionnaire—Trait Version	Food craving	I
Dietary Social Support Scale	Support from one’s romantic partner about eating	I
Body Image Questionnaire	Body image	I
Godin Leisure-Time Exercise Questionnaire	Physical activity	I
PROMIS Sleep Disturbance—Short Form 4a	Sleep disturbance	I
Single-Item Narcissism Scale	Narcissism	I
Perceived Stress Scale	Perceived stress	I

Table 3: Table X. Summary of Measures for Study 1c

Subscale (if any)	Measured Cosntruct	Validit
Self-Assessment Manikin		
Valence	State valence	Con.
Arousal	State arousal	Dis.
Dominance	State dominance	Dis.
Modified Need-Threat Scale		
Belonging	Belonging	Con.
Self-Esteem	Self-esteem	Con.
Control	Control	Dis.
Meaningful Existence	Meaning existence	Dis.
Experiences in Close Relationships Scale—Short Form		
Avoidance	Attachment avoidance	Con. (F
Anxiety	Attachment anxiety	Con. (F
Fear of Negative Evaluation Scale—Brief Version	Apprehension in expecting negative judgment from others	Con. (F
Rosenberg Self-Esteem Scale	Self-esteem	Con.
MacArthur Scale of Subjective Social Status	Subjective social status	Dis.
Rejection Sensitivity Questionnaire—Short Version	Rejection sensitivity	Con. (F

Table 4: Table X. Summary of Measures for Study 1d

Subscale (if any)	Measured Cosntruct	Validity	Citation
Self-Assessment Manikin			
Valence	State valence	Con.	Bradley & Lang, 1994
Arousal	State arousal	Dis.	Bradley & Lang, 1994
Dominance	State dominance	Dis.	Bradley & Lang, 1994
Rosenberg Self-Esteem Scale	Self-esteem	Con.	Rosenberg, 1965a
Need for Closure Scale	Desire for an answer on any topic	Dis.	Roets & Van Hiel, 2011
Social Judgment Survey	Aherence to the traditional cultural values	Dis.	Proulx & Heine, 2008; Rosenblatt et al., 1989
Modified Need-Threat Scale			
Belonging	Belonging	Con.	Williams, 2009
Self-Esteem	Self-esteem	Con.	Williams, 2009
Control	Control	Dis.	Williams, 2009
Meaningful Existence	Meaning existence	Dis.	Williams, 2009

Table 5: Table X. Summary of Measures for Study 1e

Subscale (if any)	Measured Cosntruct	Validity	Citation
Rosenberg Self-Esteem Scale	Self-esteem	Con.	Rosenberg, 1965a
Self-Assessment Manikin			
Valence	State valence	Con.	Bradley & Lang, 1999
Arousal	State arousal	Dis.	Bradley & Lang, 1999
Dominance	State dominance	Dis.	Bradley & Lang, 1999
Inclusion of Other in Self Scale	Closeness between the self and the other person	Con.	Aron et al., 1992
Social Interaction Anxiety Scale	Fear of social interactions	Con. (R)	Gomez & Watson, 2001 Mattick & Clarke, 1998
State Self-Esteem Scale	State self-esteem	Con.	Heatherton & Polivy, 2009
Modified Need-Threat Scale—Essay Version			
Belonging	Belonging	Con.	Williams, 2009
Self-Esteem	Self-esteem	Con.	Williams, 2009
Control	Control	Dis.	Williams, 2009
Meaningful Existence	Meaning existence	Dis.	Williams, 2009