Participant characteristics final experiment

Beyza Hizli

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This file reproduces Table B.1 and B.2: Participant characteristics part A and part B.

```r
demographics_AB <- read.csv(file = 'AB_data.csv', sep=";", dec=",")
demographics_AB$household_income<-as.character(demographics_AB$household_income)
demographics_AB$household_size<-as.numeric(demographics_AB$household_size)

library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```r
library(gtsummary)
demographics_summary <- demographics_AB %>% dplyr::select(
  age,
  exercise_se,
  godin_activity,
  gender,
  household_income,
  household_size,
  extraversion,
  openness_to_experiences,
  sitting_weekday,
  smoke,
  weekly_exercise,
  ttm_pa,
  )

demographics_A <- demographics_summary[1:72,]
demographics_B <- demographics_summary[73:108,]

# Demographics for participants of part A
tbl_summary(demographics_A,
            label = list(age ~ 'Age',
            exercise_se ~ 'Running or walking self-efficacy',
            godin_activity ~ 'Godin Leisure-Time physical activity score',
            gender ~ 'Gender',
```

```
          smoke ~ 'Smoking status',
          weekly_exercise ~ 'Weekly Exercise Amount(In Minutes)',
          ttm_pa ~ 'Physical Activity Stage(TTM)'),
          statistic = list(age ~ "{mean} ({sd}), Range: {min}-{max}"))  %>%
  modify_header(label = "**Variable**") %>% # update the column header
  bold_labels()
```

Table printed with `knitr::kable()`, not {gt}. Learn why at
http://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
To suppress this message, include `message = FALSE` in code chunk header.

Variable	**N = 72**
Age	43 (15), Range: 20-74
Running or walking self-efficacy	77 (61, 92)
Godin Leisure-Time physical activity score	42 (28, 63)
Gender	
1	36 (50%)
2	36 (50%)
household_income	
1	12 (17%)
10	1 (1.4%)
11	1 (1.4%)
12	1 (1.4%)
13	1 (1.4%)
2	8 (11%)
3	6 (8.3%)
4	19 (26%)
5	8 (11%)
6	4 (5.6%)
7	5 (6.9%)
8	2 (2.8%)
9	4 (5.6%)
household_size	
1	10 (14%)
2	11 (15%)
3	20 (28%)
4	21 (29%)
5	5 (6.9%)
6	4 (5.6%)
7	1 (1.4%)
extraversion	4.00 (3.00, 5.50)
openness_to_experiences	5.00 (4.50, 6.00)
sitting_weekday	5 (4, 8)
Smoking status	
1	51 (71%)
2	21 (29%)
Weekly Exercise Amount(In Minutes)	
1	24 (33%)
2	24 (33%)
3	24 (33%)
Physical Activity Stage(TTM)	
1	25 (35%)
2	18 (25%)

Variable	N = 72
3	11 (15%)
4	16 (22%)
5	2 (2.8%)

```r
# Demographics for participants of part B
tbl_summary(demographics_B,
            label = list(age ~ 'Age',
            exercise_se ~ 'Running or walking self-efficacy',
            godin_activity ~ 'Godin Leisure-Time physical activity score',
            gender ~ 'Gender',
            smoke ~ 'Smoking status',
            weekly_exercise ~ 'Weekly Exercise Amount(In Minutes)',
            ttm_pa ~ 'Physical Activity Stage(TTM)'),
            statistic = list(age ~ "{mean} ({sd}), Range: {min}-{max}"))  %>%
  modify_header(label = "**Variable**") %>% # update the column header
  bold_labels()
```

```
## Table printed with 'knitr::kable()', not {gt}. Learn why at
## http://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
## To suppress this message, include 'message = FALSE' in code chunk header.
```

Variable	N = 36
Age	42 (15), Range: 20-71
Running or walking self-efficacy	79 (45, 97)
Godin Leisure-Time physical activity score	30 (12, 52)
Gender	
1	18 (50%)
2	18 (50%)
household_income	
1	6 (17%)
2	10 (28%)
3	4 (11%)
4	7 (19%)
5	5 (14%)
6	2 (5.6%)
7	1 (2.8%)
9	1 (2.8%)
household_size	
1	5 (14%)
2	15 (42%)
3	7 (19%)
4	4 (11%)
5	3 (8.3%)
6	1 (2.8%)
7	1 (2.8%)
extraversion	4.50 (3.50, 5.50)
openness_to_experiences	
3	2 (5.6%)
3.5	3 (8.3%)
4	4 (11%)
4.5	4 (11%)

Variable	N = 36
5	6 (17%)
5.5	7 (19%)
6	9 (25%)
6.5	1 (2.8%)
sitting_weekday	8 (6, 10)
Smoking status	
1	29 (81%)
2	7 (19%)
Weekly Exercise Amount(In Minutes)	
1	12 (33%)
2	12 (33%)
3	12 (33%)
Physical Activity Stage(TTM)	
1	10 (28%)
2	6 (17%)
3	10 (28%)
4	3 (8.3%)
5	7 (19%)