Participant characteristics final experiment

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This file reproduces Table 4.1 "Participant characteristics for the two groups (General and Personalized) and both groups together (Total)".

```r
demographics <- read.csv(file = 'pre_C.csv', sep=";", dec=",")

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

library(gtsummary)

## #BlackLivesMatter

demographics_summary <- demographics %>% dplyr::select(
  age,
  exercise_se,
  godin_activity,
  gender,
  smoke,
  weekly_exercise,
  ttm_pa,
  group
  )

demographics_general <- demographics_summary %>% filter(group == "general")
demographics_personalized <- demographics_summary %>% filter(group == "personalized")

# Demographics for both groups combined (Total)
tbl_summary(demographics_summary,
            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 = 39
Age	42 (16), Range: 19-72
Running or walking self-efficacy	84 (55, 100)
Godin Leisure-Time physical activity score	29 (9, 45)
Gender	
1	20 (51%)
2	19 (49%)
Smoking status	
1	17 (44%)
2	22 (56%)
Weekly Exercise Amount(In Minutes)	
1	14 (36%)
2	12 (31%)
3	13 (33%)
Physical Activity Stage(TTM)	
1	11 (28%)
2	5 (13%)
3	9 (23%)
4	11 (28%)
5	3 (7.7%)
group	
general	20 (51%)
personalized	19 (49%)

```
# Demographics for the general group (General)
tbl_summary(demographics_general,
            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()
```

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To suppress this message, include `message = FALSE` in code chunk header.

Variable	N = 20
Age	44 (18), Range: 19-72
Running or walking self-efficacy	86 (46, 100)

Variable	N = 20
Godin Leisure-Time physical activity score	28 (8, 52)
Gender	
1	10 (50%)
2	10 (50%)
Smoking status	
1	11 (55%)
2	9 (45%)
Weekly Exercise Amount(In Minutes)	
1	8 (40%)
2	6 (30%)
3	6 (30%)
Physical Activity Stage(TTM)	
1	6 (30%)
2	2 (10%)
3	6 (30%)
4	3 (15%)
5	3 (15%)
group	
general	20 (100%)

```
# Demographics for the personalized group (Personalized)
tbl_summary(demographics_personalized,
            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 = 19
Age	39 (15), Range: 22-66
Running or walking self-efficacy	76 (60, 98)
Godin Leisure-Time physical activity score	29 (10, 44)
Gender	
1	10 (53%)
2	9 (47%)
Smoking status	
1	6 (32%)
2	13 (68%)
Weekly Exercise Amount(In Minutes)	
1	6 (32%)
2	6 (32%)
3	7 (37%)

Variable	N = 19
Physical Activity Stage(TTM)	
1	5 (26%)
2	3 (16%)
3	3 (16%)
4	8 (42%)
group	
personalized	19 (100%)