```r
library(tidyverse)
```

```
-- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --
v dplyr     1.1.2     v readr     2.1.4
v forcats   1.0.0     v stringr   1.5.0
v ggplot2   3.4.2     v tibble    3.2.1
v lubridate 1.9.2     v tidyr     1.3.0
v purrr     1.0.1
-- Conflicts ------------------------------------------ tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()    masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to beco
```

```r
library(janitor)
```

```
Attaching package: 'janitor'

The following objects are masked from 'package:stats':

    chisq.test, fisher.test
```

```r
library(pracma)
```

```
Attaching package: 'pracma'

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

    cross
```

```r
library(recipes)
```

```
Attaching package: 'recipes'

The following object is masked from 'package:stringr':
```

```
    fixed

The following object is masked from 'package:stats':

    step
```

```
library(forcats)
library(tidymodels)
```

```
-- Attaching packages --------------------------------------- tidymodels 1.1.0 --
v broom        1.0.4     v rsample      1.1.1
v dials        1.2.0     v tune         1.1.1
v infer        1.0.4     v workflows    1.1.3
v modeldata    1.1.0     v workflowsets 1.0.1
v parsnip      1.1.0     v yardstick    1.2.0
-- Conflicts ------------------------------------------ tidymodels_conflicts() --
x pracma::cross()   masks purrr::cross()
x scales::discard() masks purrr::discard()
x dplyr::filter()   masks stats::filter()
x recipes::fixed()  masks stringr::fixed()
x dplyr::lag()      masks stats::lag()
x yardstick::spec() masks readr::spec()
x recipes::step()   masks stats::step()
* Use suppressPackageStartupMessages() to eliminate package startup messages
```

```
library(apaTables)

gdata = read_csv("gdata2.csv")
```

```
Rows: 41 Columns: 6
-- Column specification --------------------------------------------------------
Delimiter: ","
chr (2): gender, alcohol
dbl (4): attractiveness, sex, alc1, alc2

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: Fixed-Effects ANOVA Results for Attractiveness

Predictor	SS	df	MS	F	p	$\eta^2_{partial}$	90% CI
(Intercept)	127477.89	1	127477.89	1490.97	<.001		
gender	67.37	1	67.37	0.79	.381	.02	[.00, .15]
alcohol	2230.76	2	1115.38	13.05	<.001	.43	[.19, .56]
gender x alcohol	1508.65	2	754.33	8.82	.001	.34	[.11, .48]
Error	2992.50	35	85.50				

Note. SS = Sum of squares. df = degrees of freedom. MS = mean square. CI indicates the confidence interval for $\eta^2_{partial}$.

```
options(contrasts = c("contr.sum", "contr.poly"))
lm_output <- lm(attractiveness ~ gender*alcohol, data = gdata)

table3 <- apa.aov.table(lm_output, table.number = 3)

apaTables::apa.knit.table.for.pdf(table3)
```