R Notebook

This is an R Markdown Notebook. When you execute code within the notebook, the results appear beneath the code.

Try executing this chunk by clicking the *Run* button within the chunk or by placing your cursor inside it and pressing *Ctrl+Shift+Enter*.

```
## -- Attaching packages --------------------------------------- tidyverse 1.3.1 --

## v ggplot2 3.3.5     v purrr   0.3.4
## v tibble  3.1.5     v dplyr   1.0.7
## v tidyr   1.1.4     v stringr 1.4.0
## v readr   2.0.2     v forcats 0.5.1

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

##
## Attaching package: 'kableExtra'

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

## Setting theme `language: en`

## Warning: NAs introduced by coercion
```

table_1 <- tik_df %>% group_by(support_vaccine) %>% summarize(n=n(), median_plays=median_iqr(plays, na_rm=TRUE), median_comments=median(comments, na.rm=TRUE), median_shares=median(shares, na.rm=TRUE), median_followers=median(author_followers, na.rm=TRUE), percent_female= sum(gender==“Female”)/n(%>%mutate_all(as.character) %>% pivot_longer(cols = n:percent_female) %>% pivot_wider(names_from=support_vacci values_from=value)

```
df2 <- tik_df %>% select(support_vaccine, plays,comments,shares,author_followers,gender, hcp)

gt1 <- tbl_summary(df2, by=support_vaccine, missing="no")

gt1%>% modify_header(update= list(stat_1 ~ "**Against Vaccine**, (N = {n})", stat_2 ~ "**Pro-vaccine**,
```

```
## 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.
```

Characteristic	**Against Vaccine**, (N = 19)	**Pro-vaccine**, (N = 84)
plays	2900000 (1400000, 4450000)	1600000 (1100000, 3000000)
comments	6253 (3402, 9945)	2999 (1412, 5574)
shares	17700 (4448, 28450)	9025 (2720, 18275)
author_followers	191400 (12300, 312150)	58100 (7804, 222600)
gender		
Female	13 (68%)	46 (55%)
Male	6 (32%)	35 (42%)
NA	0 (0%)	3 (3.6%)
hcp	0 (0%)	14 (17%)

```
gt2 <- tbl_summary(df2, by=hcp, missing="no")

gt2%>% modify_header(update= list(stat_1 ~ "**Layperson**, (N = {n})", stat_2 ~ "**Healthcare Expert**,
```

```
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```

Characteristic	**Layperson**, (N = 89)	**Healthcare Expert**, (N = 14)
support_vaccine	70 (79%)	14 (100%)
plays	1600000 (1100000, 3300000)	1750000 (1200000, 2250000)
comments	3545 (1416, 6751)	4894 (2225, 6183)
shares	9224 (2771, 20100)	7956 (3742, 17225)
author_followers	58100 (8034, 214400)	155900 (42500, 610200)
gender		
Female	55 (62%)	4 (29%)
Male	31 (35%)	10 (71%)
NA	3 (3.4%)	0 (0%)

```
df3 <- tik_df %>% select( hcp, verified_hcp) %>% filter(hcp==1)


df3 %>% tbl_summary(
)
```

```
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```

Characteristic	**N = 14**
hcp	14 (100%)
verified_hcp	
Certified Pharmacy Tech	1 (7.1%)
Dula, not verified	1 (7.1%)
Google Search	1 (7.1%)
Google Search, Med School Listing	1 (7.1%)
Google Search, Verified on TikTok	1 (7.1%)
pHD Scientist	3 (21%)
Phelebotomist, not verified	1 (7.1%)
TikTok Deleted	1 (7.1%)
Twitter/Instagram	1 (7.1%)
Verified on TikTok	3 (21%)

```r
df4 <- tik_df %>% select(support_vaccine, myth_referenced) %>% filter(support_vaccine==0)

#if there is a comma add "multiple myths"

df4 %>% tbl_summary()
```

```
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## http://www.danieldsjoberg.com/gtsummary/articles/rmarkdown.html
## To suppress this message, include `message = FALSE` in code chunk header.
```

Characteristic	**N =
support_vaccine	0 (0%)
myth_referenced	
COVID-19 vaccine inserts you with a microchip	1 (5.3%
COVID Vaccine will cause anyone serious short term side effects	1 (5.3%
COVID Vaccine will cause anyone serious short term side effects, No myth	1 (5.3%
Covid vaccines aren't authorized by the FDA	1 (5.3%
No myth	10 (53
Vaccine will make you magnetic, vaccine inserts you with microchip	1 (5.3%
We don't know long term side effects	1 (5.3%
We don't know long term side effects, COVID Vaccine will cause anyone serious short term side effects	1 (5.3%
We don't know long term side effects, COVID Vaccine will cause anyone serious short term side effects, No myth	2 (11%