# gtsummary

Daniel D. Sjoberg, Karissa Whiting, Margaret Hannum, Emily C. Zabor, Michael Curry

## Introduction

## Data Summaries

% latex comment ?

### `tbl_summary()`

```
tbl_summary_1 <-
  trial %>%
  select(age, grade, response, trt) %>%
  tbl_summary(by = trt)
```

```
tbl_summary_2 <-
  trial %>%
  select(age, grade, response, trt) %>%
  tbl_summary(
    by = trt,
    type = all_continuous() ~ "continuous2",
    label = age ~ "Patient Age",
    statistic = list(all_continuous() ~ c("{N_nonmiss}",
                                          "{mean} ({sd})",
                                          "{median} ({p25}, {p75})",
                                          "{min}, {max}"),
                     all_categorical() ~ "{n} / {N} ({p}%)"),
    digits = all_categorical() ~ c(0, 0, 1),
    missing = "no"
  )
```

```
tbl_summary_3 <-
  trial %>%
  select(age, grade, response, trt) %>%
  tbl_summary(by = trt, missing = "no") %>%
  add_p(test = all_continuous() ~ "t.test",
        pvalue_fun = ~style_pvalue(., digits = 2)) %>%
  add_n()
```

Figure 1: Simple ‘tbl_summary()‘ example

| **Characteristic** | **Drug A**, N = 98[1] | **Drug B**, N = 102[1] |
|---|---|---|
| Age | 46 (37, 59) | 48 (39, 56) |
| Unknown | 7 | 4 |
| Grade | | |
| I | 35 (36%) | 33 (32%) |
| II | 32 (33%) | 36 (35%) |
| III | 31 (32%) | 33 (32%) |
| Tumor Response | 28 (29%) | 33 (34%) |
| Unknown | 3 | 4 |

[1] Statistics presented: Median (IQR); n (%)

`tbl_svysummary()`

`tbl_cross()`

`tbl_survfit()`

### Customization

## Model Summaries

`tbl_regression()`

`tbl_uvregression()`

## Merging and Stacking

## Inline Reporting

## Themes

## Print Engines