

# PTG Meta-Analysis RScripts Report

Qizhou Duan

2023-08-19

## Load Data

Loading data, select variables for main analysis

```
## load data
shortlist = read_excel('ptg_shortlist.xlsx')
t1_raw = read_excel('Covid T1 Raw.xlsx')

## select variables for main analysis
main_data = merge(shortlist, t1_raw, by = 'Source') %>%
  select(Source, 'scale type', 'effect size', 'sd', 'sample size',
         'Groups with PTG', 'Countries of Origin')
```

## Initial inspection of the data

### PTGI and PTGI-SF

```
main_data %>% group_by(`scale type`) %>% count()

## # A tibble: 2 x 2
## # Groups:   scale type [2]
##   `scale type`      n
##   <chr>          <int>
## 1 PTGI             13
## 2 PTGI-SF           6
```

### Total Sample Size

```
sum(main_data$`sample size`)

## [1] 36743
```