

ECON 125 Problem Set 1 Solution

Summary statistics for the full dataset

```
df |> summarise(mean = mean(pop), min = min(pop), max = max(pop))

## # A tibble: 1 x 3
##   mean    min    max
##   <dbl> <dbl> <dbl>
## 1 21535.  0.496 1438070.
```

The largest population across all countries and years was 1.4 billion.

Summary statistics for 1950 and 2023

```
df |>
  filter(year==1950|year==2023) |>
  group_by(year) |>
  summarise(mean = mean(pop), min = min(pop), max = max(pop))

## # A tibble: 2 x 4
##   year    mean    min    max
##   <dbl> <dbl> <dbl> <dbl>
## 1  1950 10519.  0.88  544044.
## 2  2023 34142.  0.496 1438070.
```

The largest population in 1950 was 544 million; the largest population in 2023 was 1.4 billion.