

STAT6730 Project

Exploring park access data from the Trust for Public Land

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Introduction

Data cleaning

Converting 3 variables from string (%) to double (0.-1), year as a factor.

```
## Rows: 713 Columns: 28
```

```
## -- Column specification -----
```

```
## Delimiter: ","
```

```
## chr (5): city, park_pct_city_data, pct_near_park_data,
```

```
## dbl (23): year, rank, med_park_size_data, med_park_size,
```

```
##
```

```
## i Use 'spec()' to retrieve the full column specification
```

```
## i Specify the column types or set 'show_col_types = FALSE'
```

```
## spec_tbl_df [713 x 28] (S3: spec_tbl_df/tbl_df/tbl/data.frame)
```

```
##   $ year                : num [1:713] 2020 2020 2020
```

```
##   $ rank                : num [1:713] 1 2 3 4 5 6 7
```

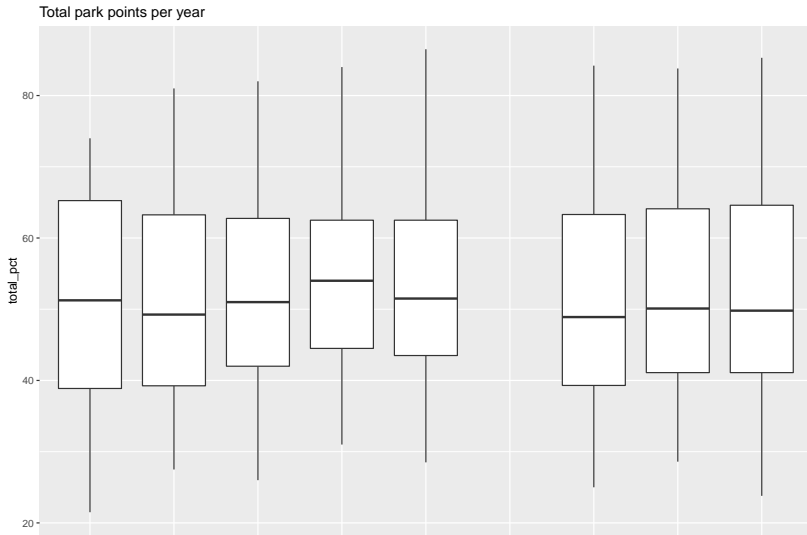
```
##   $ city                : chr [1:713] "Minneapolis"
```

```
##   $ med_park_size_data  : num [1:713] 5.7 1.4 3.2 2
```

```
##   $ med_park_size_points : num [1:713] 26 5 14 10 20
```

Exploratory data analysis

Not interested in the overall year trend in total park points. But observed a recently increasing trend in the Spending per resident and Percent of residents within a 10 minute walk to park



Conclusions

- ▶ 1
- ▶ 2
- ▶ 3