

## Data Appendix

Overview: Two datasets were used to conduct the analysis, one containing the purchasing power parity of the US, Mexico, and Canada, and the other containing the inflation rates of these three countries. These datasets are called `Purchasing_power_parity.csv` and `inflation_%_per_yr.csv`.

### Section 1: `Purchasing_power_parity.csv`

The unit of observation for this dataset is the purchasing power parity of Mexico and Canada related to the United States of America between 1960 and 2022. This measure is the amount of a currency that it takes to purchase a single USD worth of goods, accounting for economic differences. This dataset is best understood in the context of each year having a purchasing power parity value for each nation, however, since the data is scaled to the US, this value is always 1. Each column contains three purchasing power parity values; each corresponds to the country heading the row.

| Variable                              | Description   | Example Responses             |
|---------------------------------------|---|-------------------------------|
| Country                               | Nation corresponding to the purchasing power parity value for that year | United States, Mexico, Canada |
| Years between 1960 and 2022 inclusive | Values for purchasing power parity, scaled to the US                    | 1, .006, .953                 |

The dataset includes 4 rows, 63 columns, and contains no null values.

### Section 2: `inflation_%_per_yr.csv`

The unit of observation for this dataset is the inflation percent per year of Mexico and Canada related to the United States of America between 1960 and 2022. Each column contains three inflation rates; each corresponds to the country heading that row.

| Variable                              | Description   | Example Responses                     |
|---------------------------------------|---|---------------------------------------|
| Country                               | Nation corresponding to the inflation percent for that year | United States, Mexico, Canada         |
| Years between 1960 and 2022 inclusive | Values for inflation percent                                | 1.358695652, 4.927518869, 1.457975986 |

The dataset includes 4 rows, 63 columns, and contains no null values.