

Global Terrorism

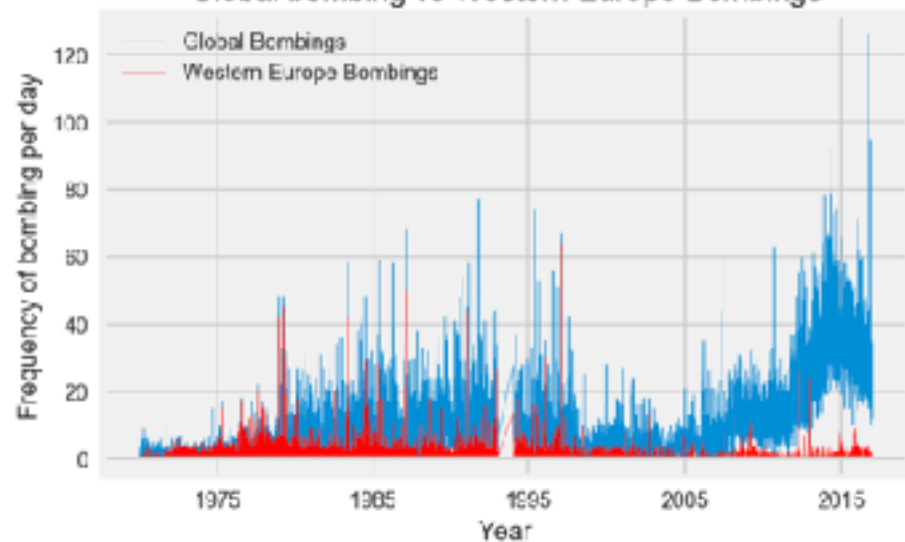
Focus: Colombia

Agenda

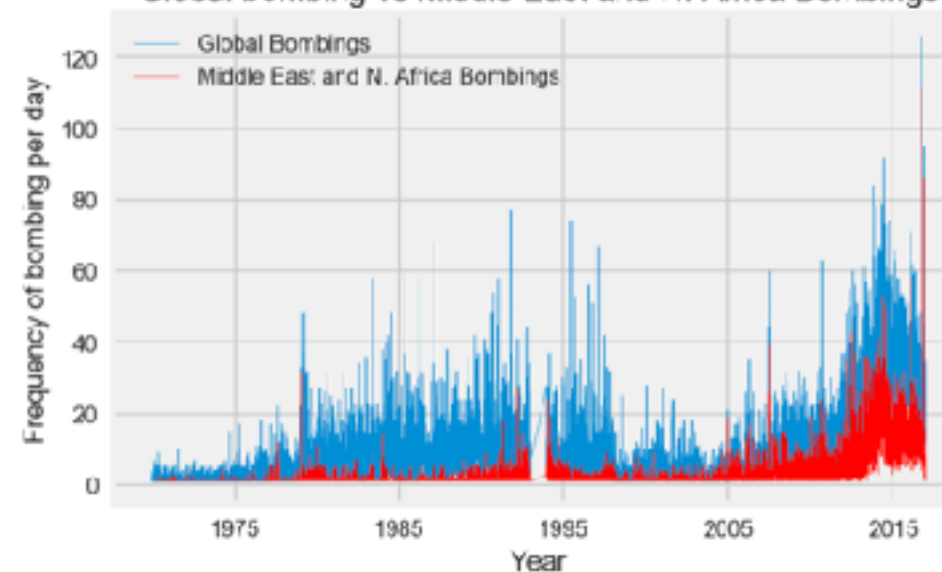
- EDA report
- Bayesian Analysis
- Predicting 1993 Bombings



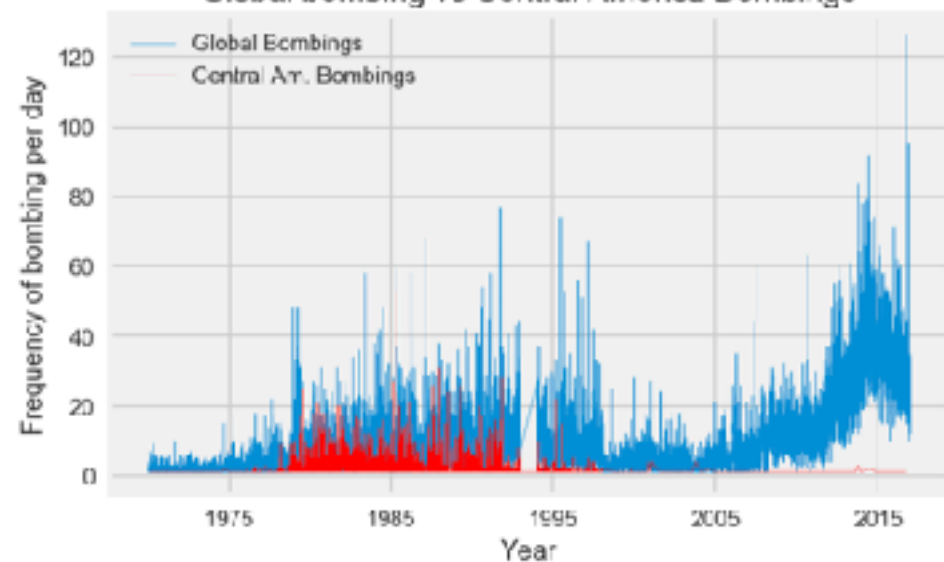
Global bombing vs Western Europe Bombings



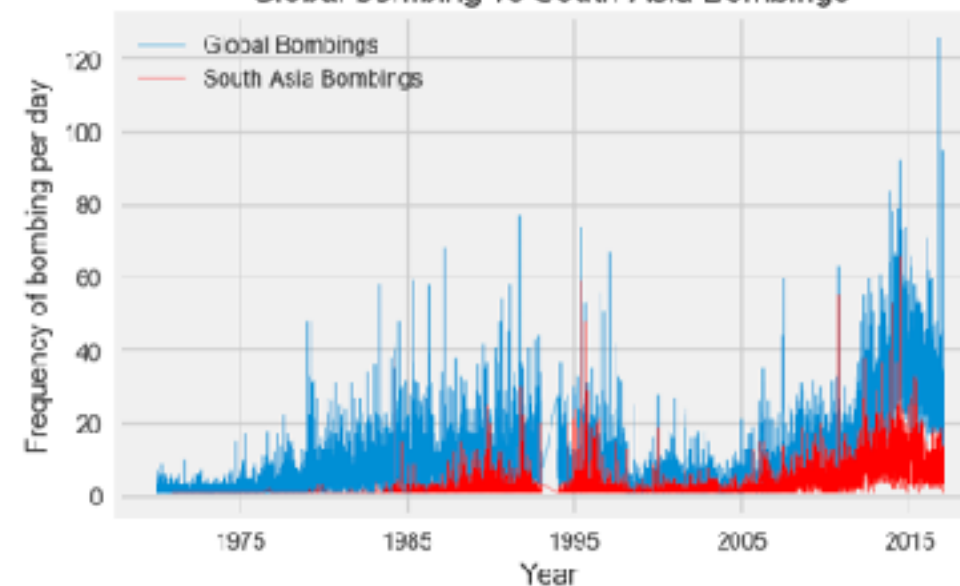
Global bombing vs Middle East and N. Africa Bombings



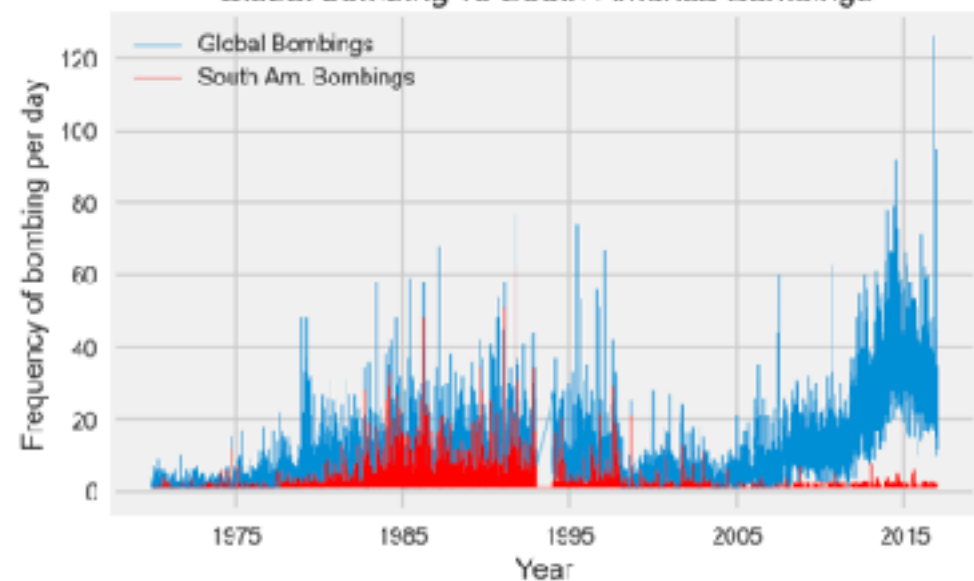
Global bombing vs Central America Bombings



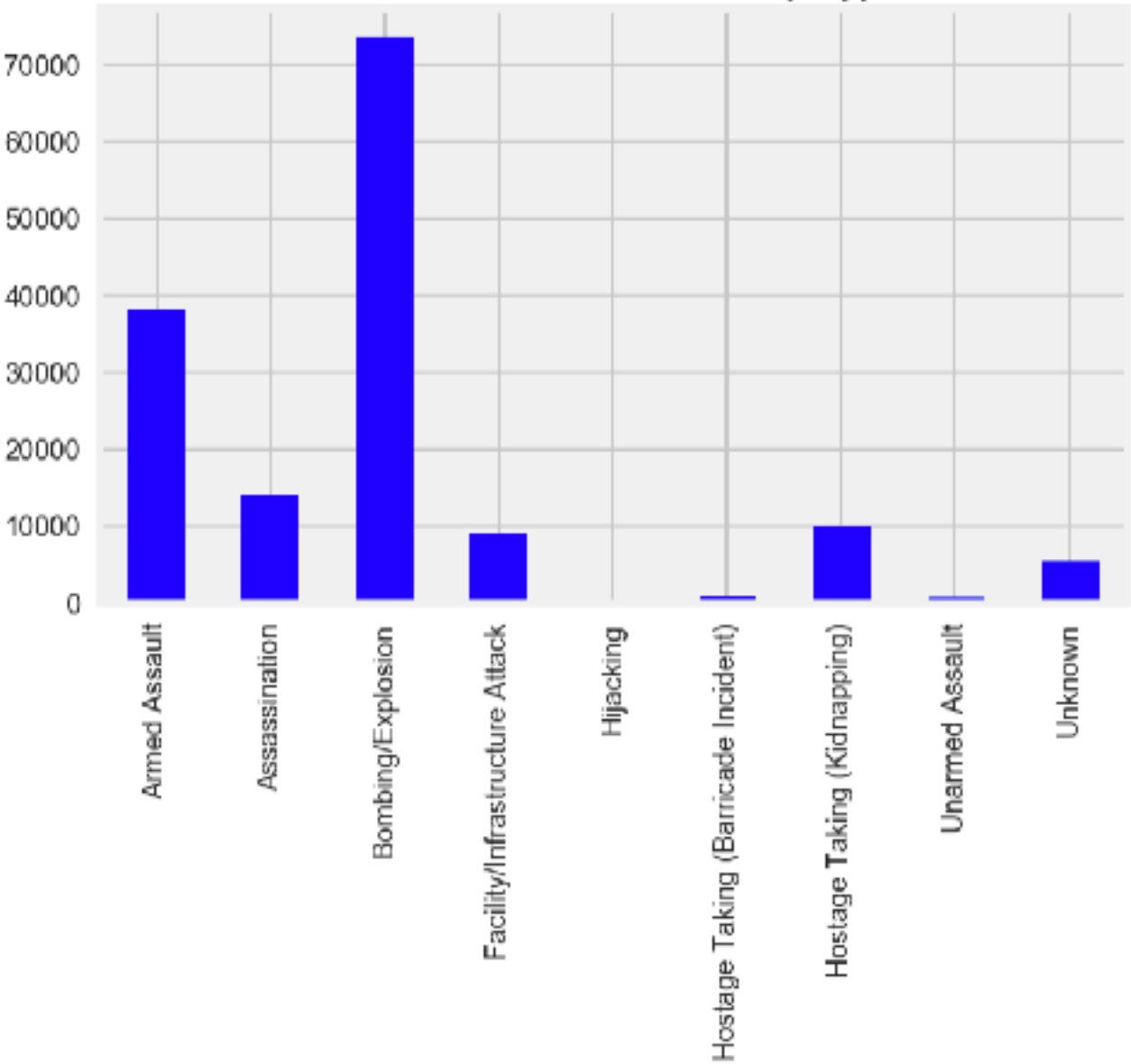
Global bombing vs South Asia Bombings



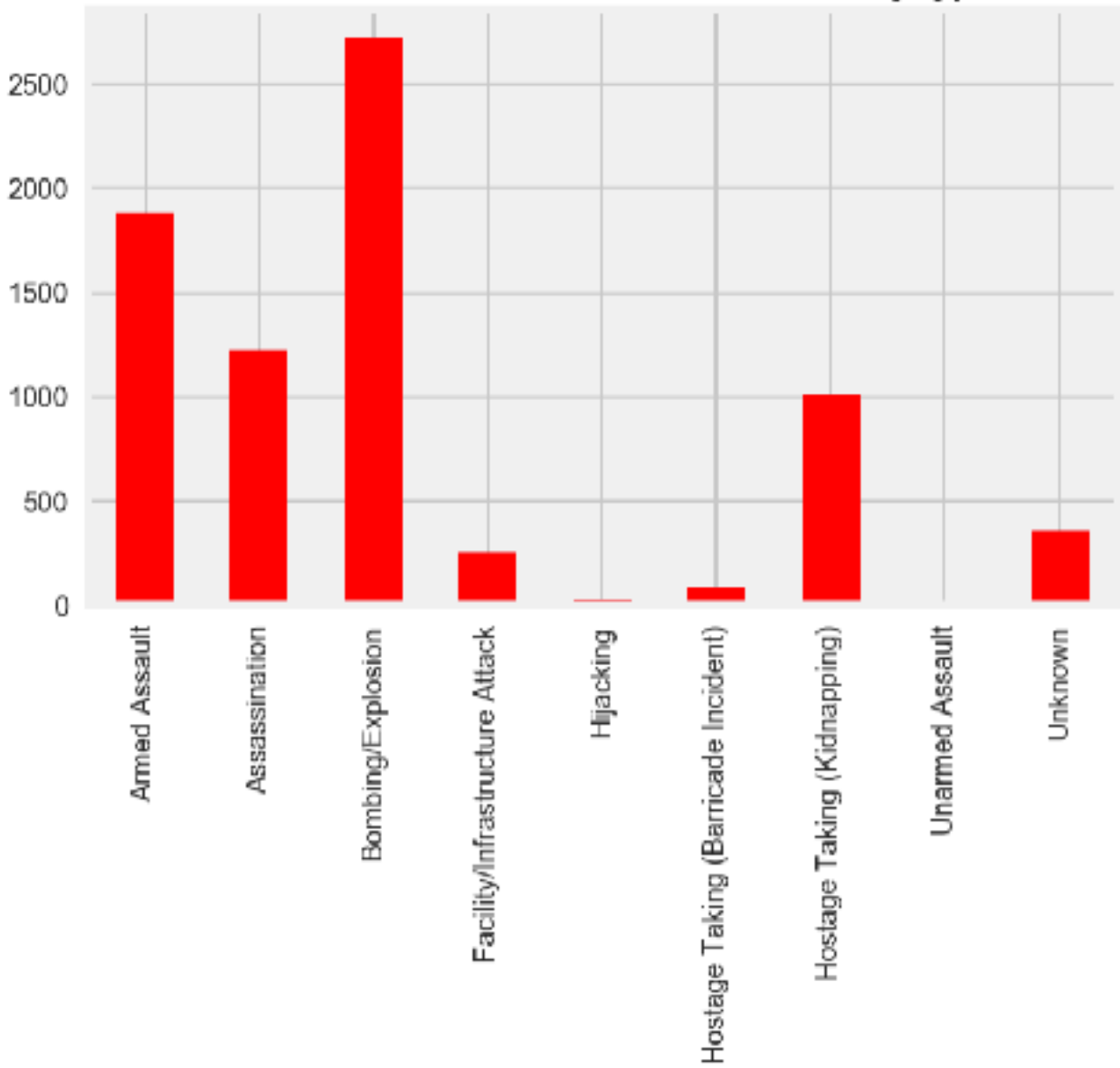
Global bombing vs South America Bombings



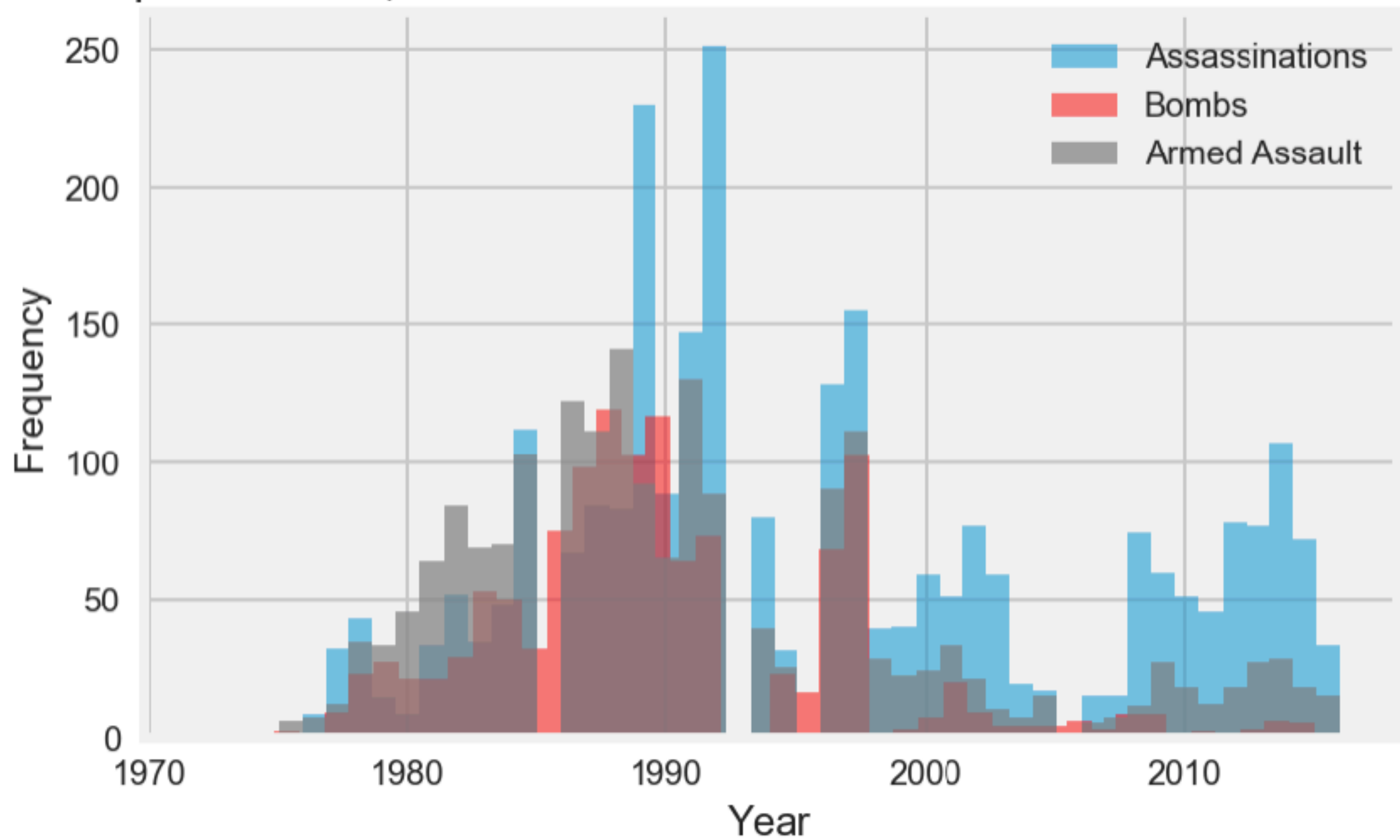
Total Successful Attacks by Type



Total Successful Attacks in Colombia by type



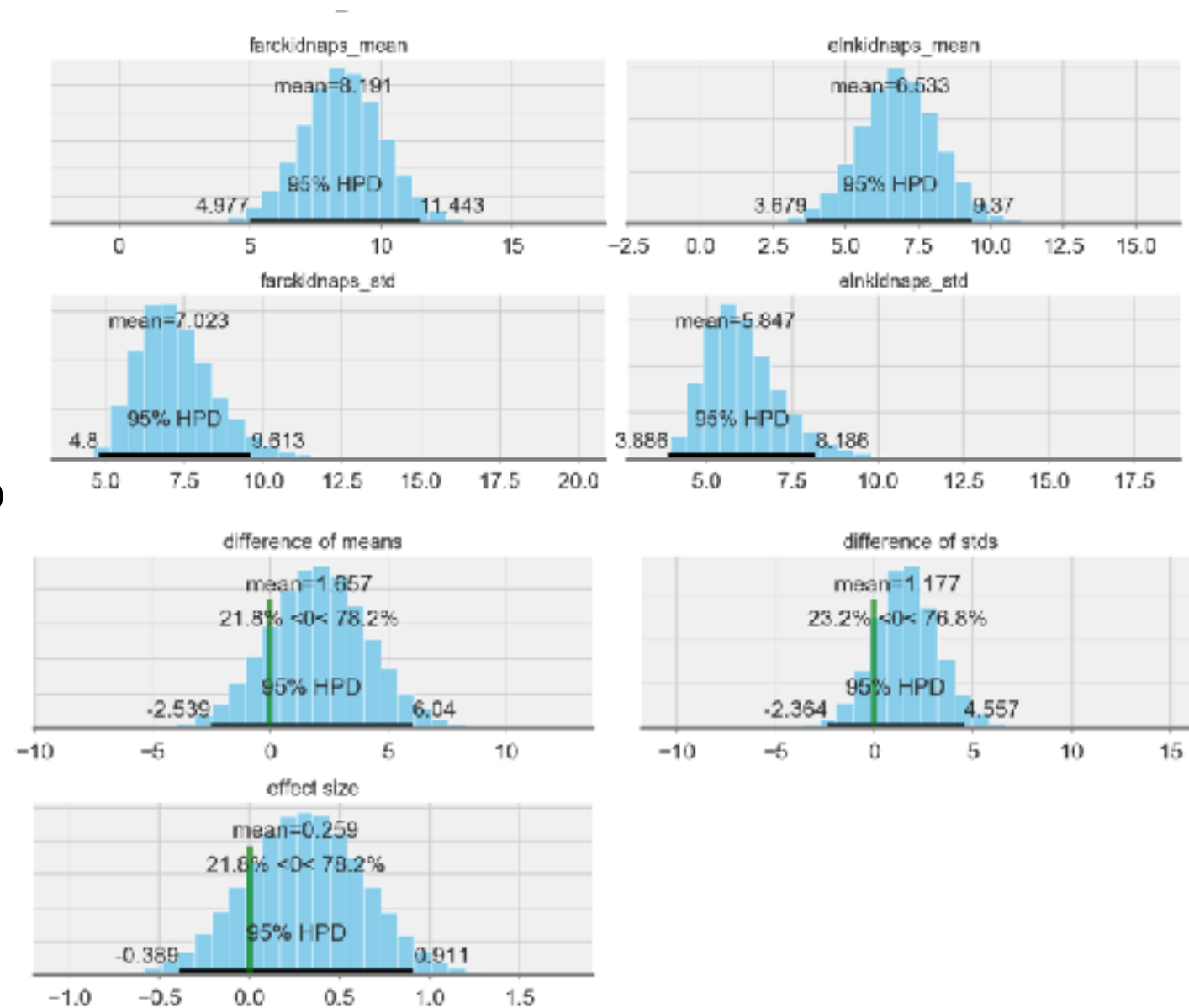
Top 3: Assault, Bombs and Assassinations in Colombia over time



Bayesian Analysis

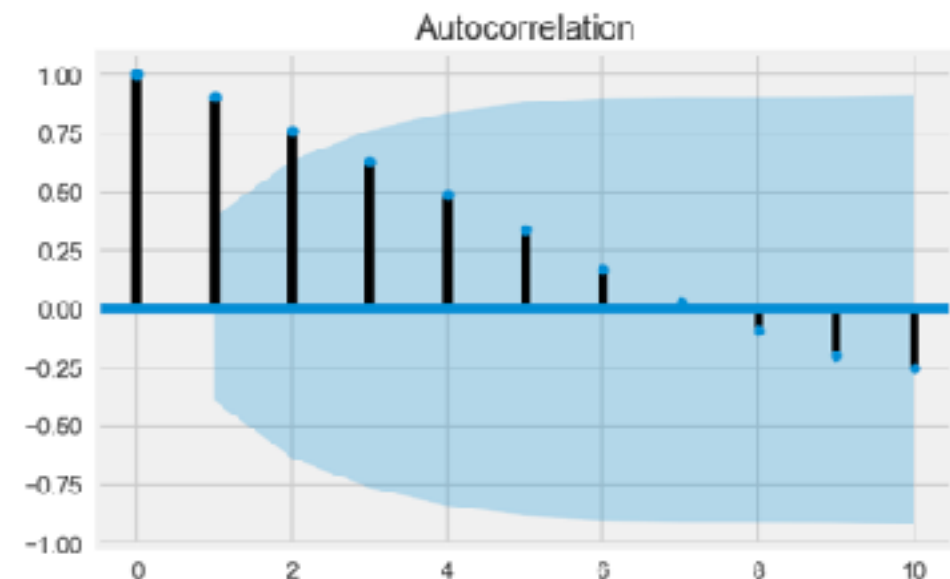
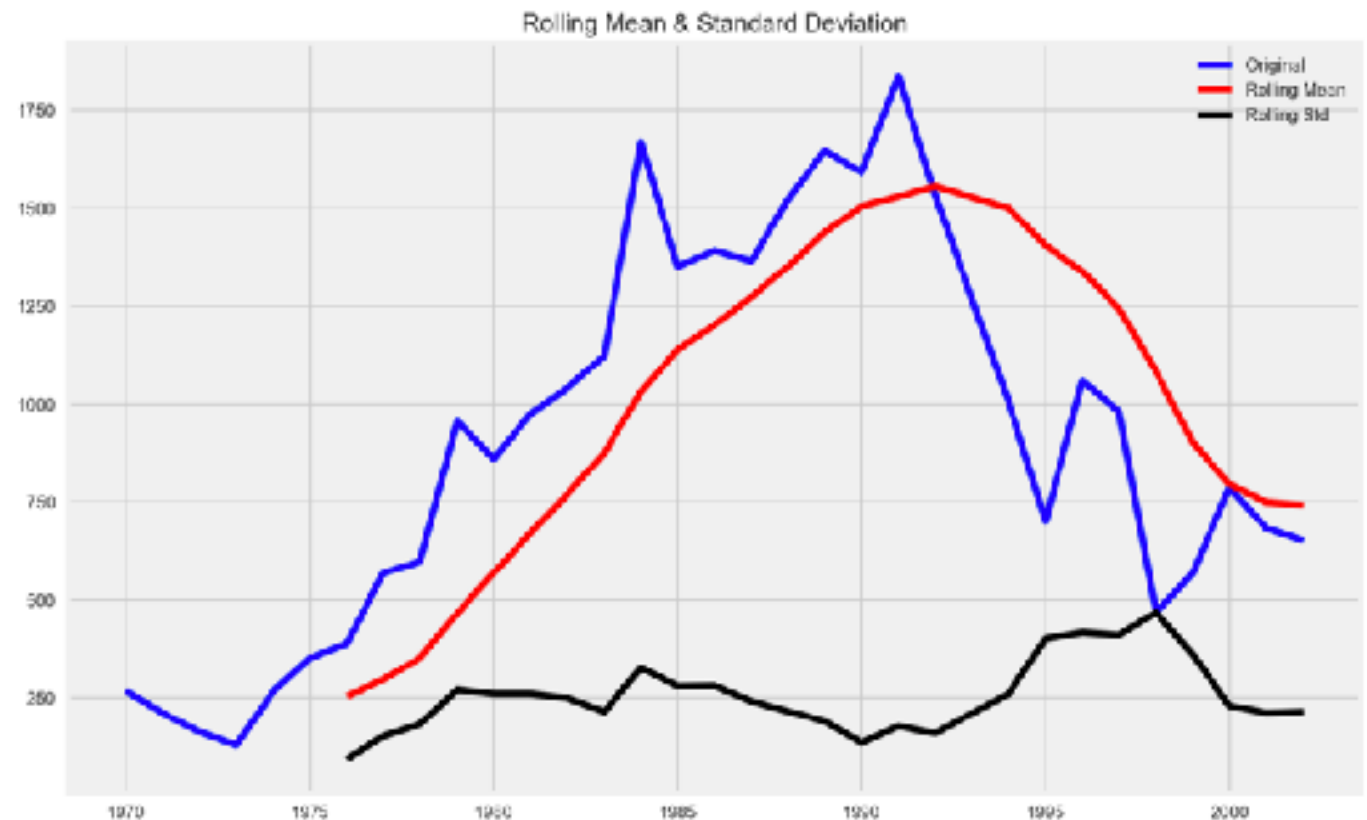
Who's taking me?

- Priors:
 - Average of the kidnappings average in Colombia prior to 1998: 27.32
 - Average standard deviation: 24.96



Predicting bombings for 1993

- Time series of the data before and after 1993.
- Identify the smoothest rolling average, and use the yearly outputs to select the **3 years prior and after** to 1993.
- Values 3 years prior and after are averaged, and result is considered the number of bombings in 1993: **1472**



Questions?

