# Global Terrorism Database: Exploration

DC-DSI 4 May 2017

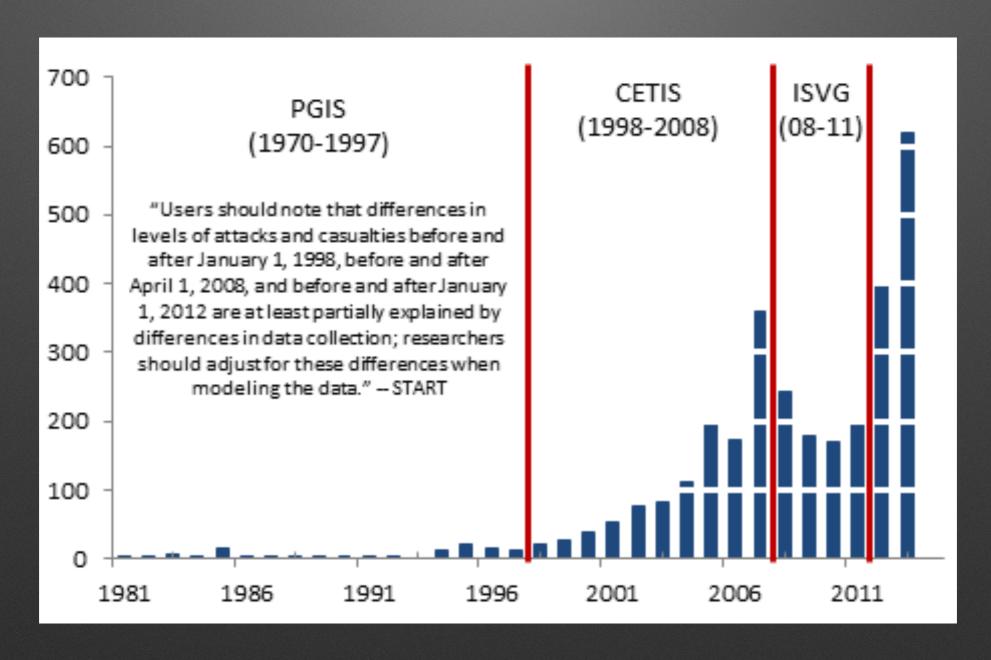
Joshua Sparks

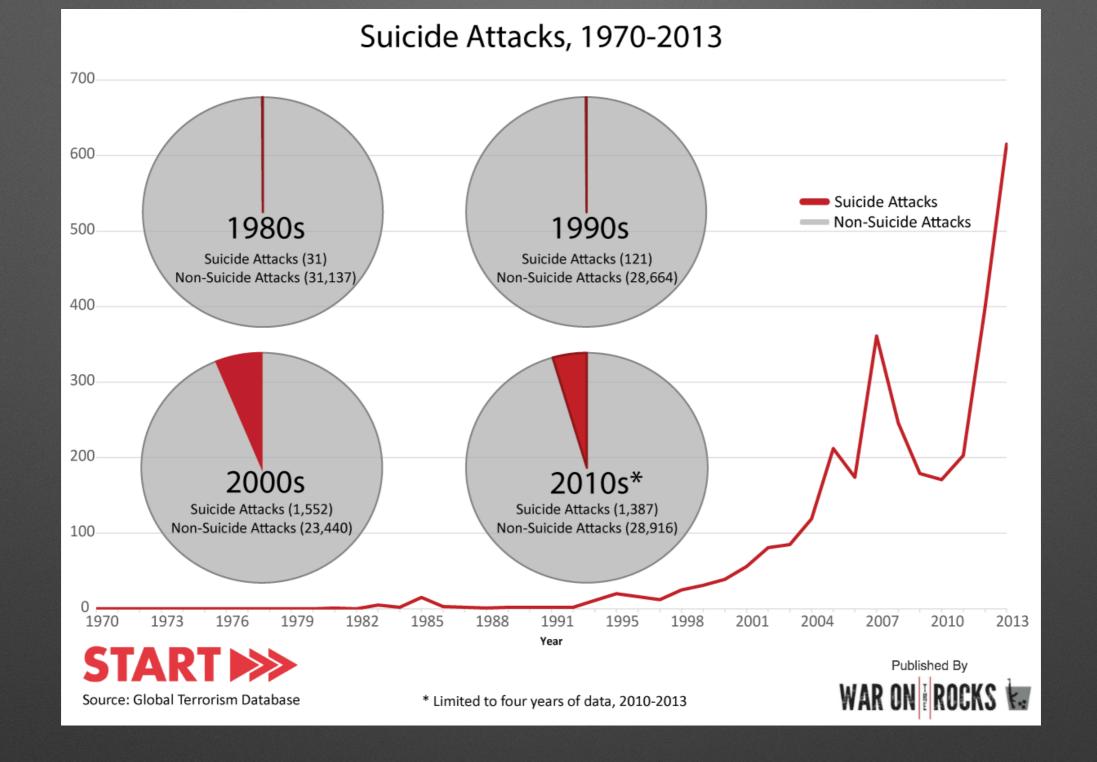
### Roadmap

- Database Discussion
- Explore the data
- Bayes
- 1993

#### Data Exploration

#### Issues with set?





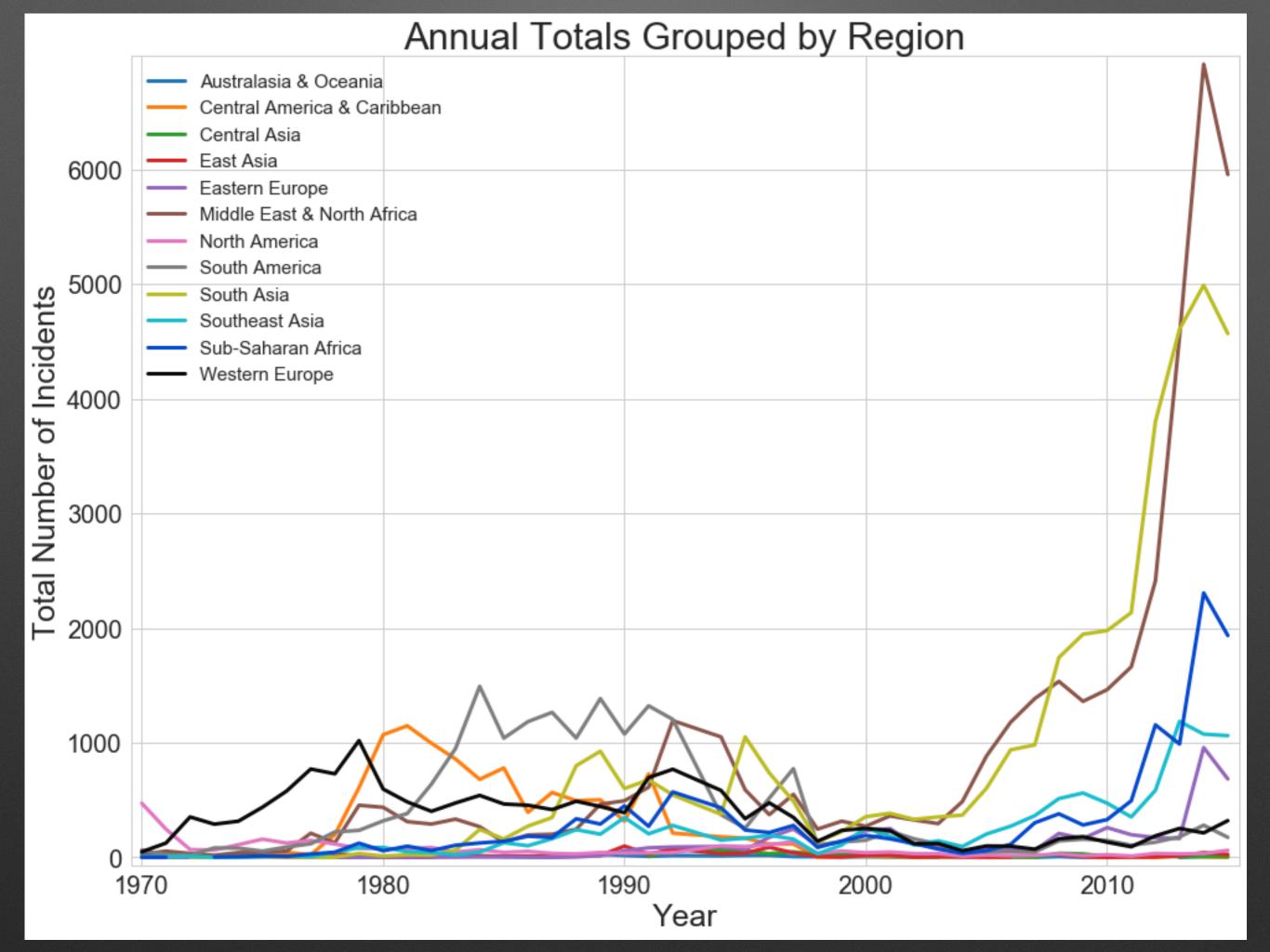
## "...especially when START itself does not listen to its own warnings"

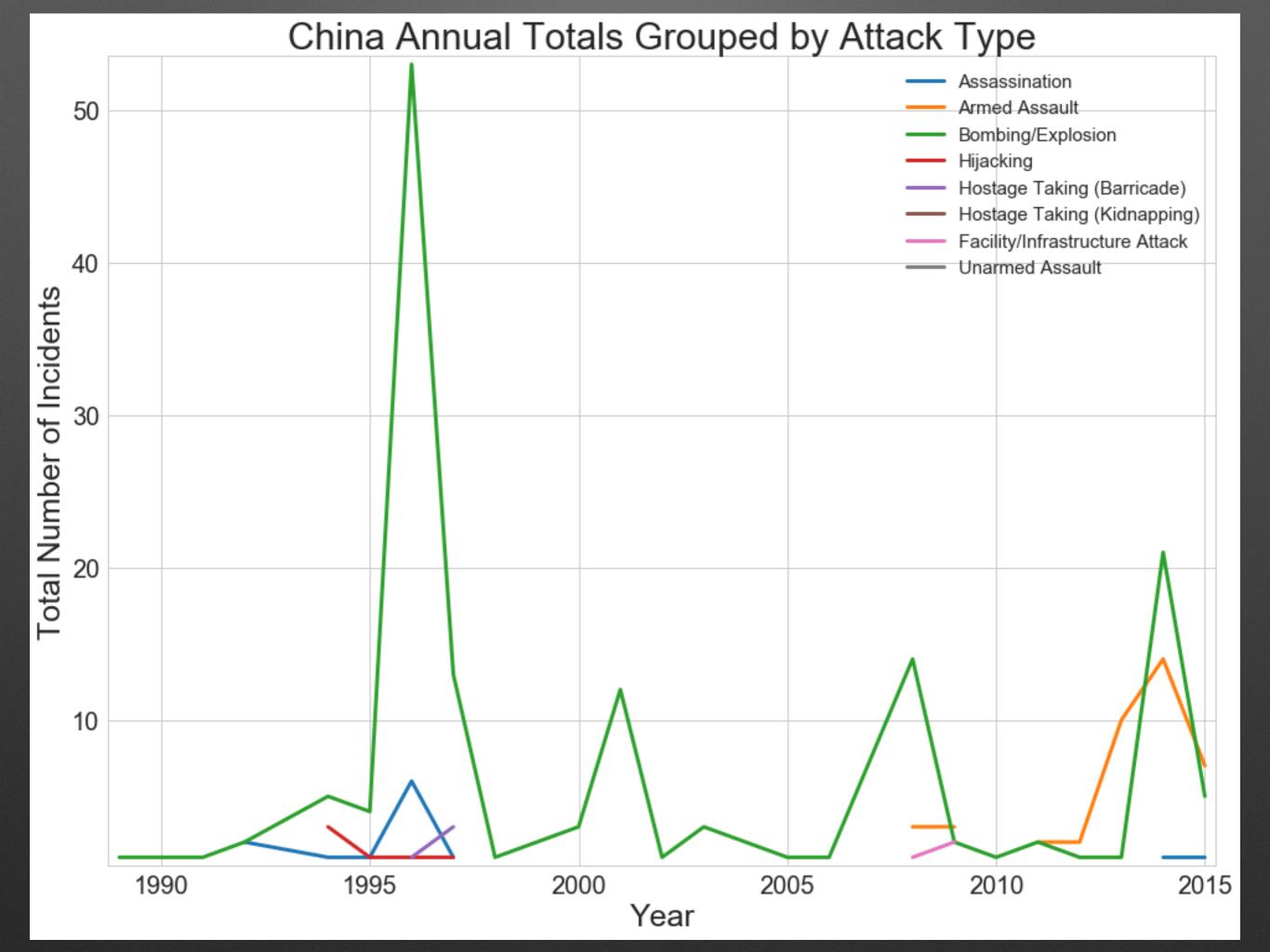
#### Article source:

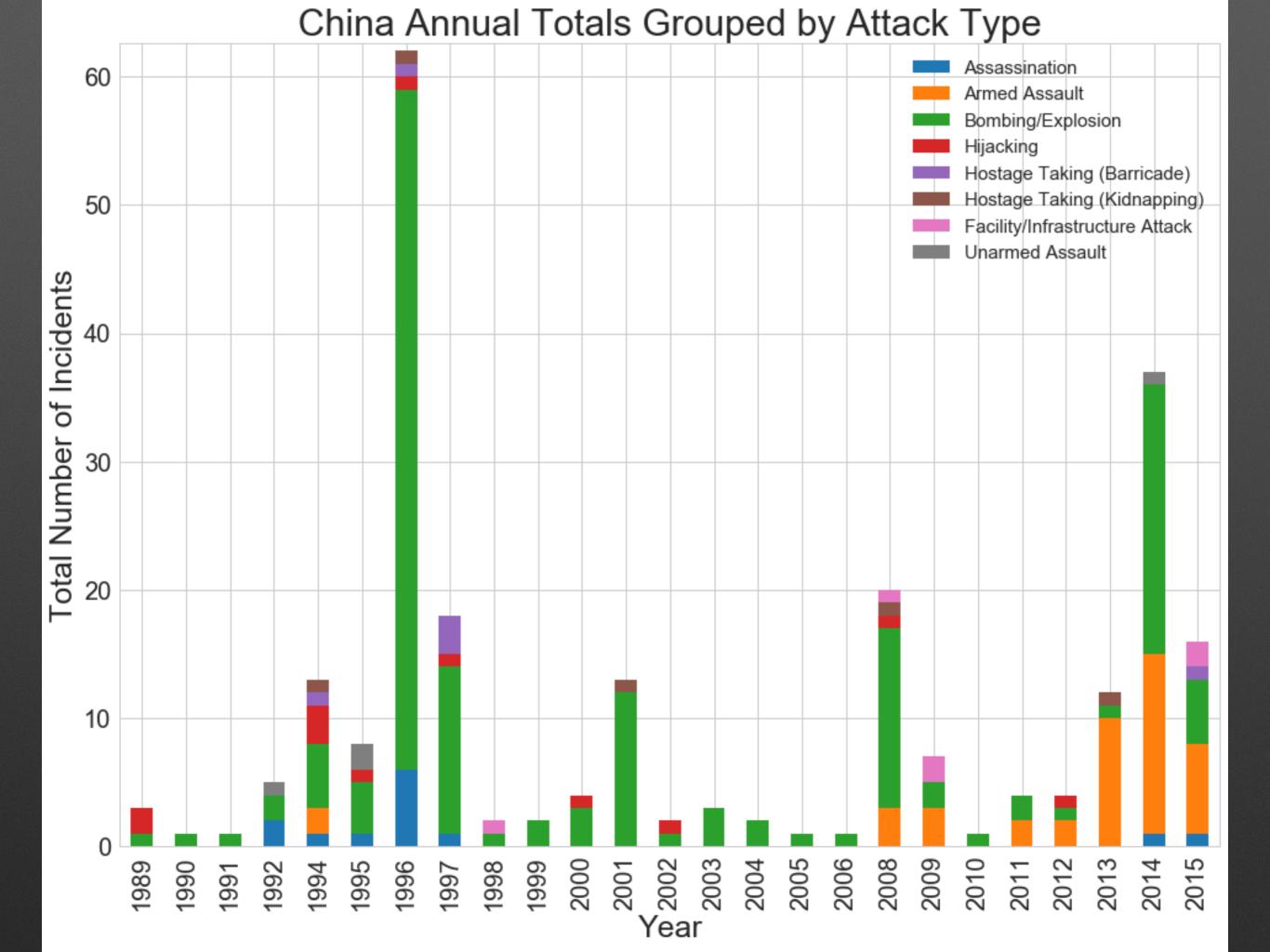
https://www.washingtonpost.com/news/monkey-cage/wp/2014/08/11/how-to-fix-the-flaws-in-the-global-terrorism-database-and-why-it-matters/

#### Image source:

http://warontherocks.com/wp-content/uploads/2014/06/START-Infographic-Suicide-and-Non-Suicide-Attack-Frequency-1970-2013.png







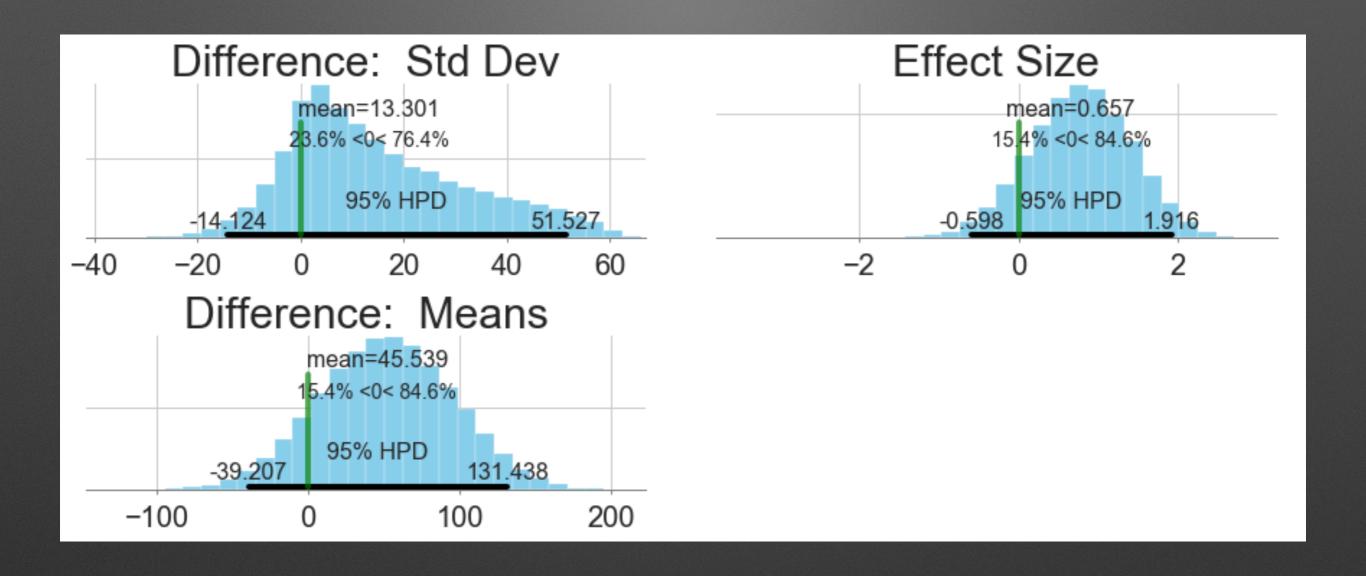
- Wanted to compare a recent year, cutting off at 2008 (time discussion)
- Asia-region interest
- How about 2012 in specific regions?
- Interesting attack types?
  - 1 = Assassination
  - 7 = Infrastructure



Source: https://c1.staticflickr.com/9/8517/8580761054\_1b41227766.jpg (Labeled for non-commercial reuse)

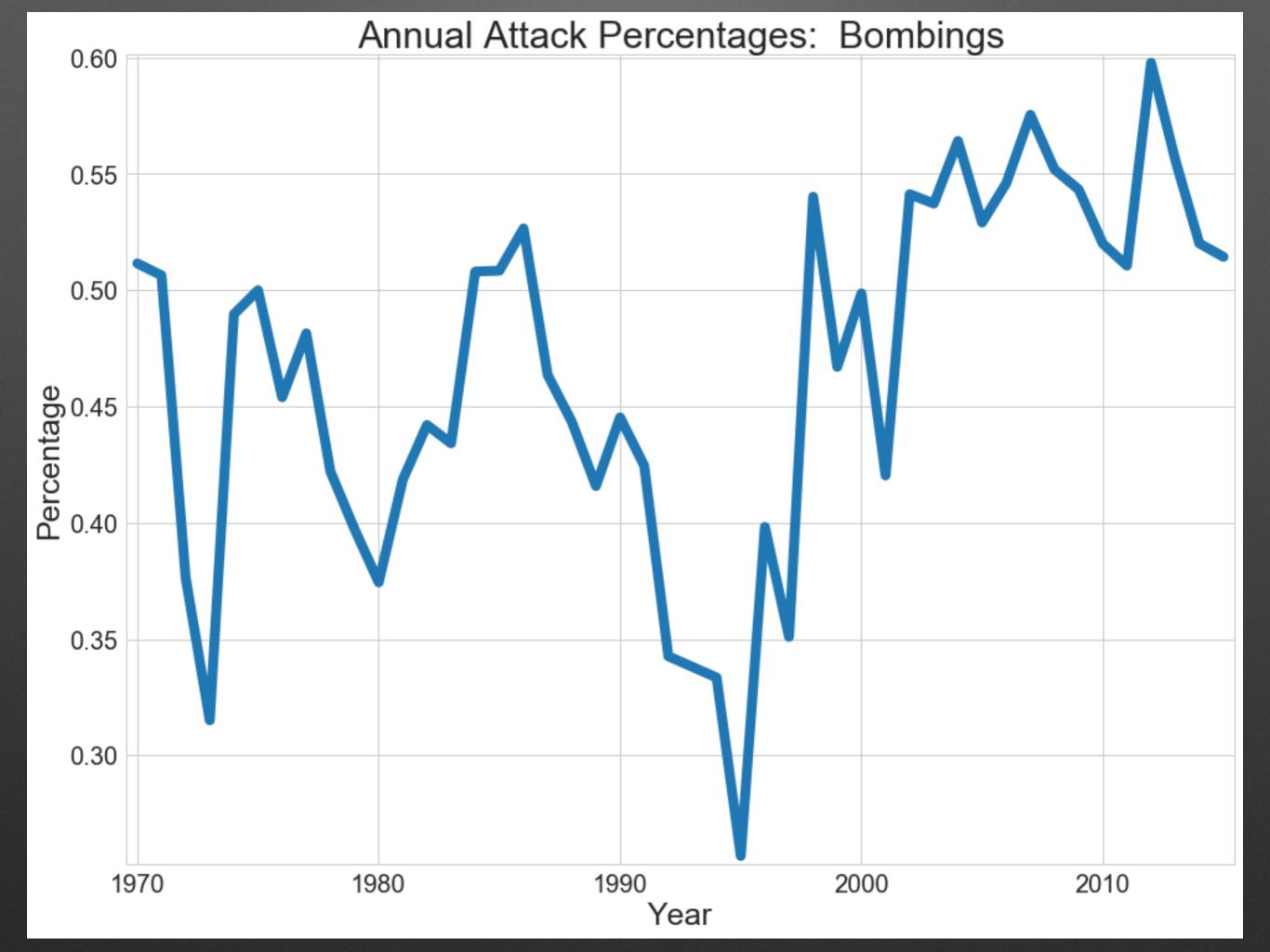
- Investigate:
  - Attack type 7: Infrastructure
  - East Asia (4): China, Hong Kong, Japan,
    Macau, North Korea, South Korea, Taiwan
  - Southeast Asia (5): Brunei, Cambodia, East Timor, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, South Vietnam, Thailand, Vietnam

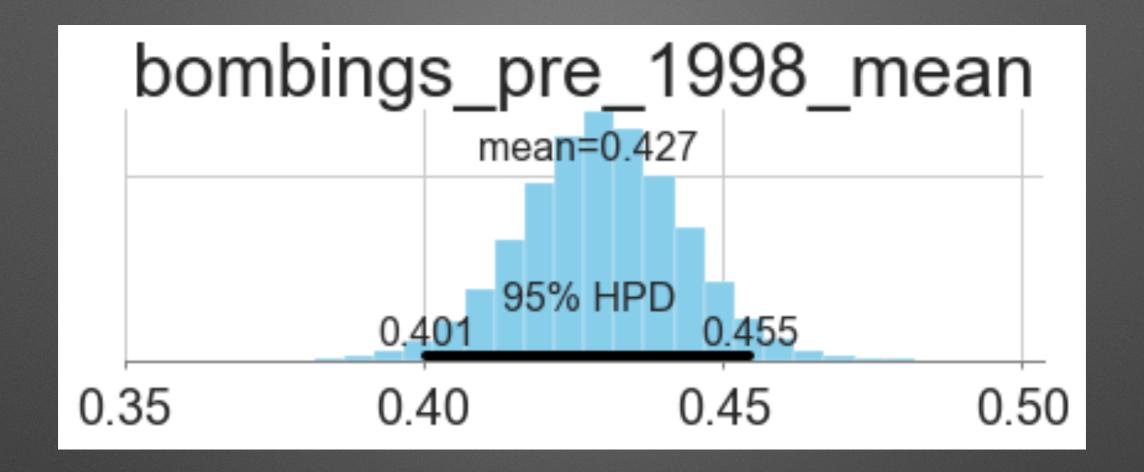
- Prior: 2008 2012 "Other regions" annual infrastructure attacks
- Look at 2012 for Regions 4 and 5



#### 1993?

- 15% of actual 1993 data available
- Codebook has 1993 summary of countries
- For 1970 1997, one group had database
- Compare proportions of bombings over time, impute





Total Incidents for 1993: 4954

Estimate Bombings for 1993: 2115

#### Future Directions?

- More preliminary investigation
  - Wanted somewhat blind look at something that sounded interesting

- Explore specific countries
  - Could see these regions were smaller
  - Wanted Bayes practice

### Questions?