Exploring Global Terrorism Data: A Web-based Visualization of Temporal Data:

URL: http://128.8.127.3/grad/scholarlypapers/papers/JoonghoonLee.pdf

Summary:

1: The focus is on displaying frequencies or counts over time

2: A large proportion of the paper (1/3) is spent critiquing previous web based tools such as the baby names explorer.

3: Another large proportion is spent explaining how the system works and design choices of the feature

4: Finally the author explains that the product was tested and suggests improvements that could be made.

Critique:

1. The author doesn’t go into too much detailed analysis of historical work so much as listing them and outlining them.
2. He suggests that the system could be improved by increasing performance as stated by one of the users that tested the system
3. The system was tested on 5 subjects that were part of the course.
4. He highlighted that 1993 data was missing and used an asterix to indicate this in the graph
5. The structure was that of a report rather than strictly academic.
6. The system was picked up and used by START
7. ‘data streams’ used to visualise the data. not apparently obvious how much is related to each part of the stream but allows for data to be compared easily when filtered down. There are a large number of categories in some cases and so it can be a little confusing. (IMO)
8. Highlights the importance of it being available online for access purposes for researchers etc.
9. only focused on number of attacks rather than an alternate method – number of deaths, injuries etc.
10. Use of simple filters
11. good for highlighting the main time linked structures in the data
12. drawback is change in country name etc. – suggest possibly linking major changes to information that is relevant
13. users requested history storing features and ability to look at specific time ranges
14. geographical maps would be useful – look at implementing heatmaps of region by year.