

Database Project

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University of Basel

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Datasets & Schema

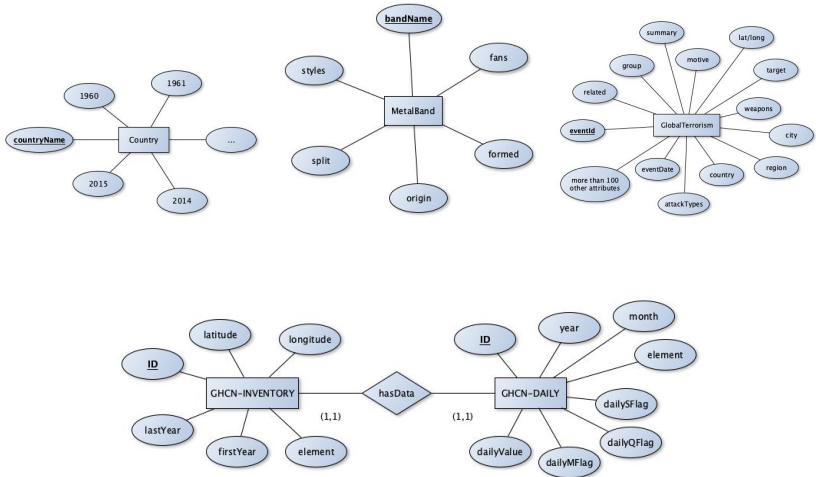
Analysis Goals

Results

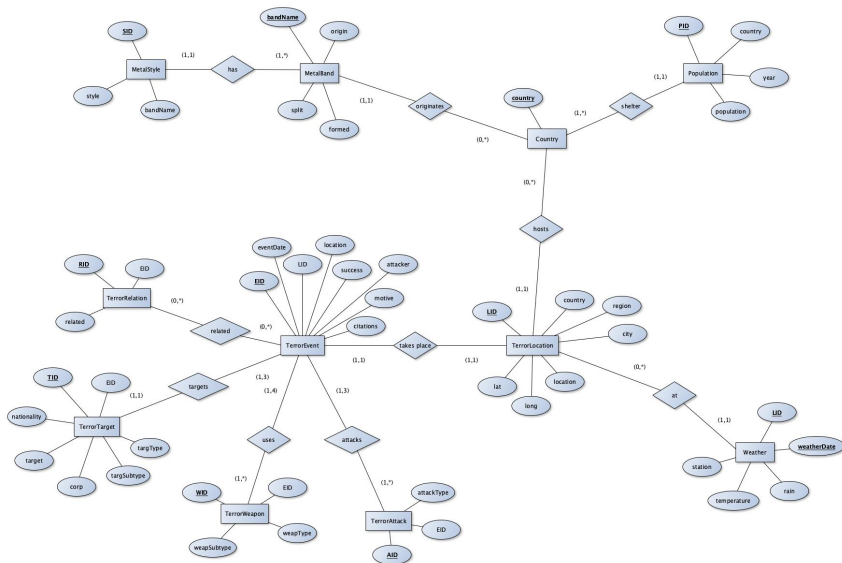
Datasets:

- Global Terrorism 1970 - 2017
 - Dimensions: 181'691 rows x 135 columns
 - Size: 162.8 MB
- Metal bands 1964 - 2016
 - Dimensions: 5000 rows x 7 columns
 - Size: 264 KB
- World Population 1960 - 2015
 - Dimensions: 264 rows x 57 columns
 - Size: 125 KB
- Weather Data
 - Inventory
 - Dimensions: 65236 rows x 6 columns
 - Size: 26.9 MB
 - Daily
 - Dimensions: ~10M rows x 35 columns
 - Size: 2.9 GB

Single sources



Integrated schema



Datasets & Schema

Analysis Goals

Results

Analysis goals

- › Are terror events dependent on the weather?
- › Do terror attacks influence founding/splitting of metal bands and vice versa?
- › Does the population influence the number of existing metal bands?
- › Do terror attacks have an influence on the population?
- › Which main genre has the most terror events?

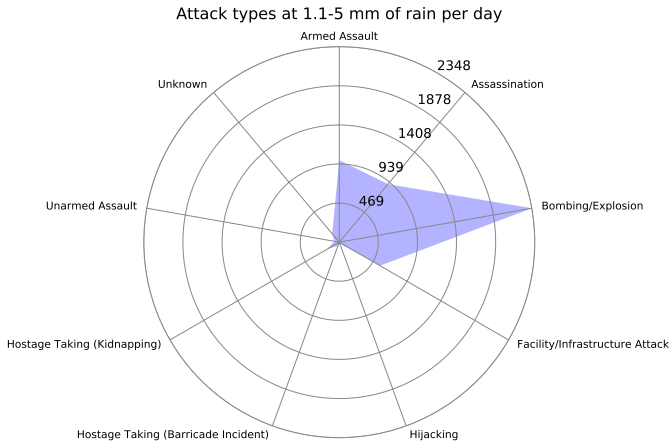
Datasets & Schema

Analysis Goals

Results

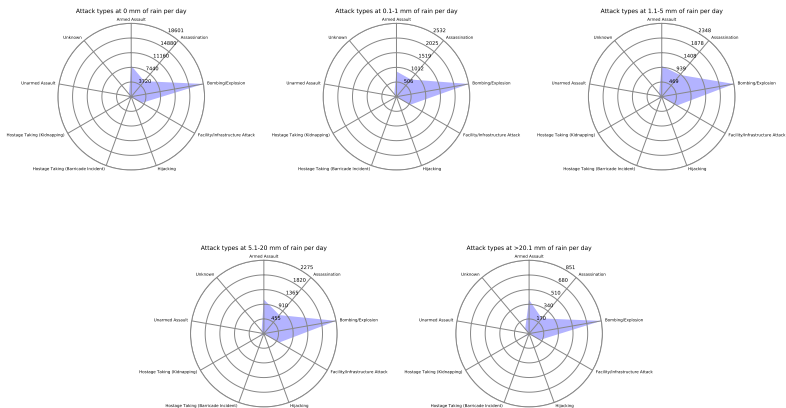
Results

Attack Types



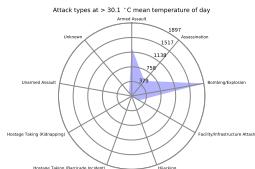
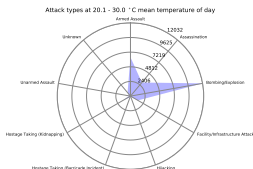
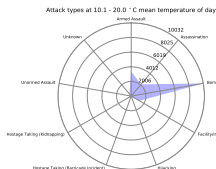
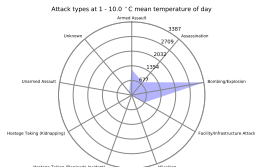
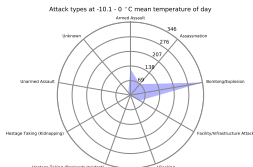
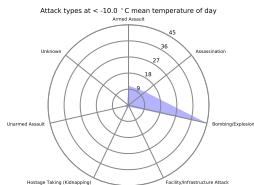
Results

- Are terror attacks dependent on the weather?
 - Attack types - Rain



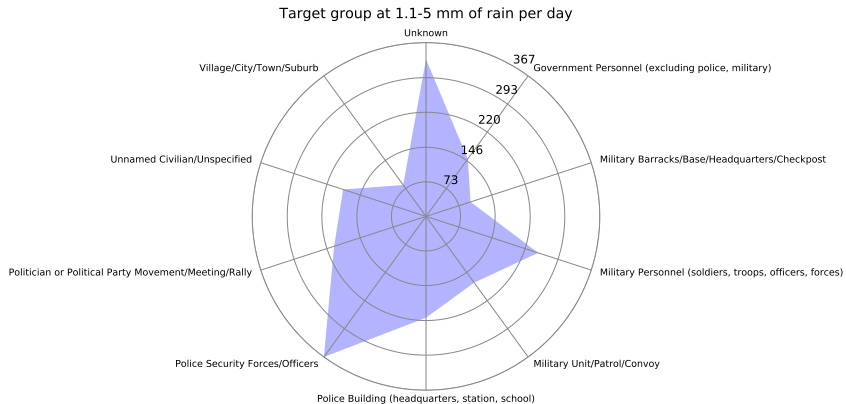
Results

- Are terror attacks dependent on the weather?
 - Attack types - Temperature



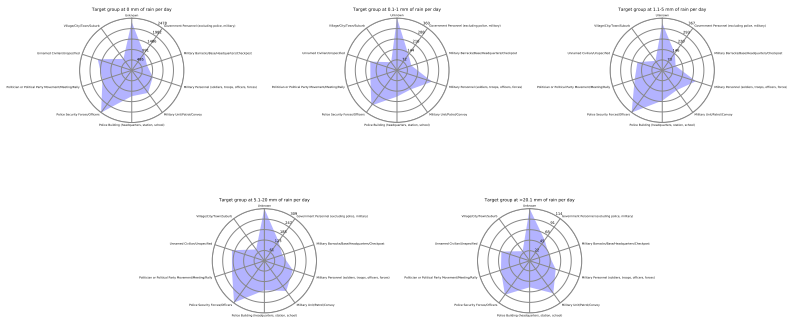
Results

Attack Targets



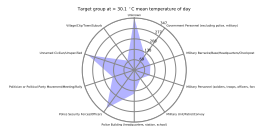
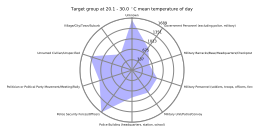
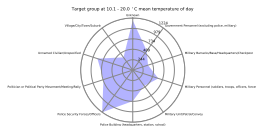
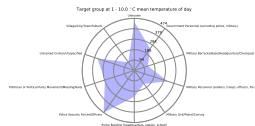
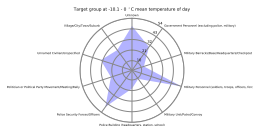
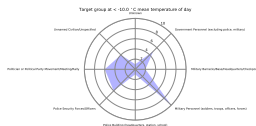
Results

- Are attack targets dependent on the weather?
- Attack targets - Rain



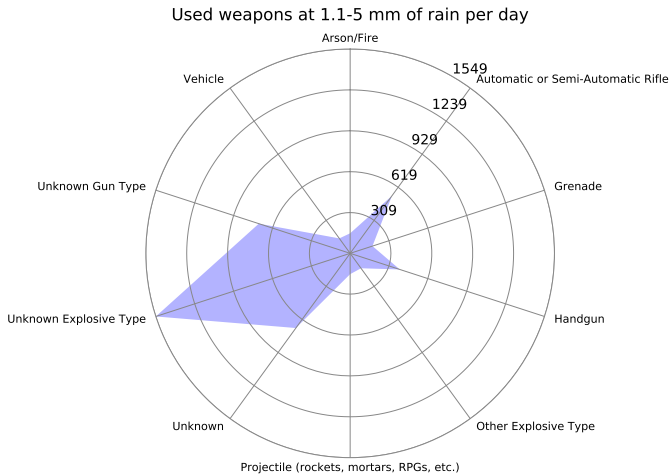
Results

- Are attack targets dependent on the weather?
- Attack targets - Temperature



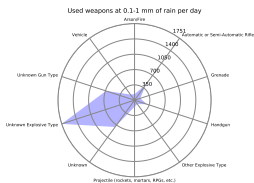
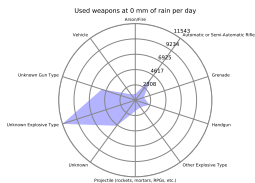
Results

Attack Weapons



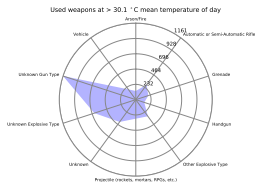
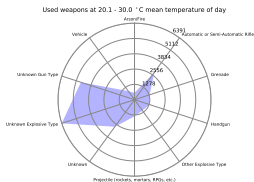
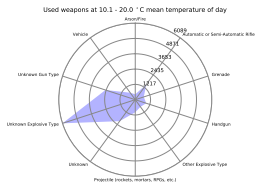
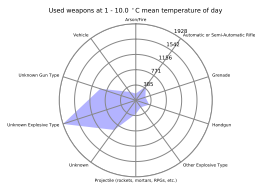
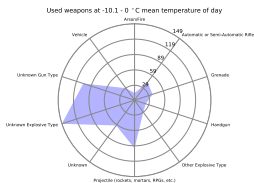
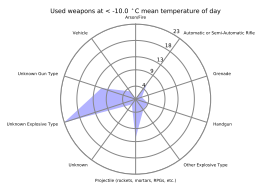
Results

- Are the used weapons dependent on the weather?
 - Attack weapons - Rain



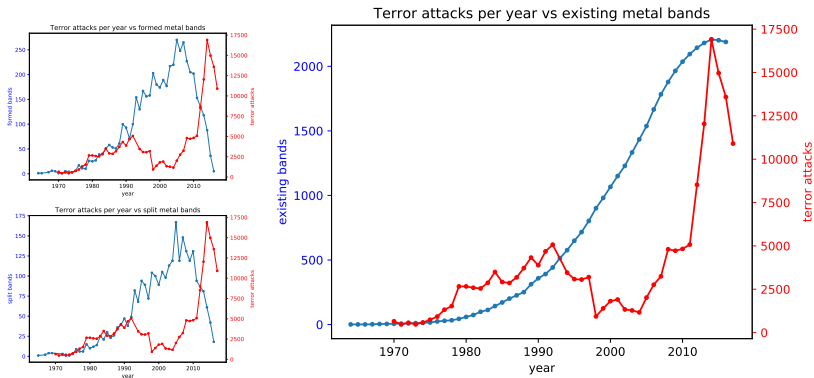
Results

- Are the used weapons dependent on the weather?
 - Attack weapons - Temperature



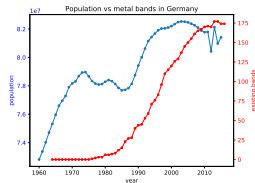
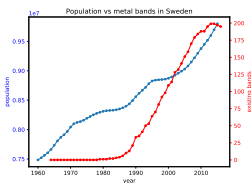
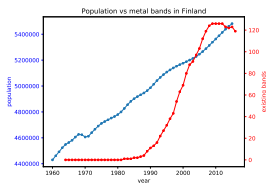
Results

Do terror attacks influence founding/splitting of metal bands and vice versa?



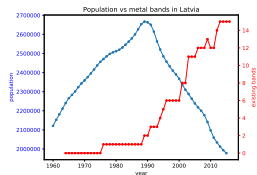
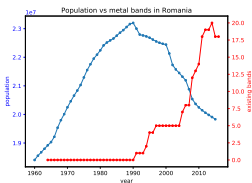
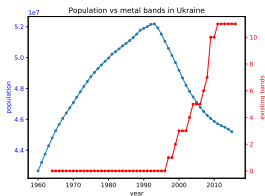
Results

Does the population influence the number of existing metal bands?

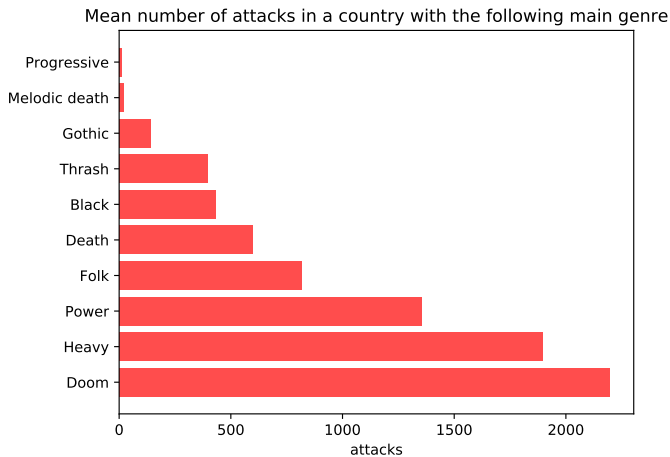


Results

Does the population influence the number of existing metal bands?

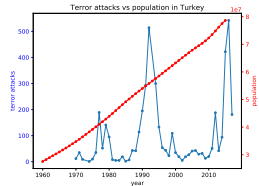
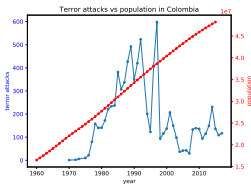
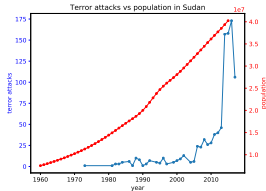


Results



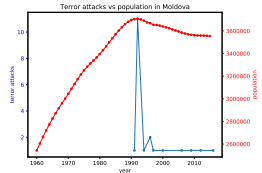
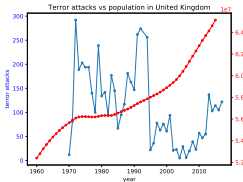
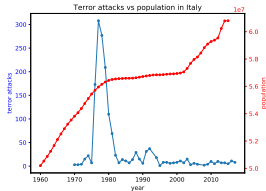
Results

Do terror attacks have an influence on the population?



Results

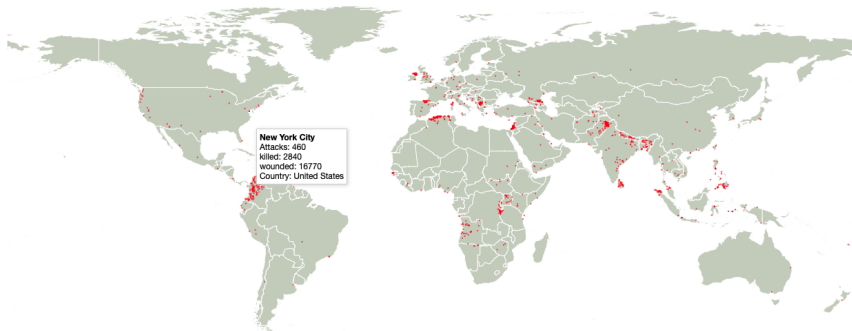
Do terror attacks have an influence on the population?



Results

Global Terrorism

2001



Results

(Video)

Questions?