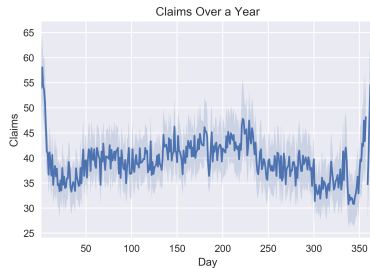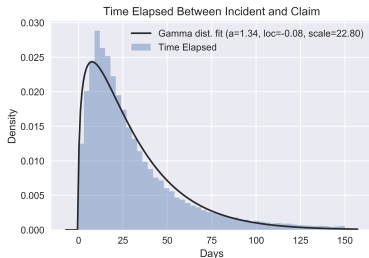# Analysis of TSA claims data

Dan McGregor
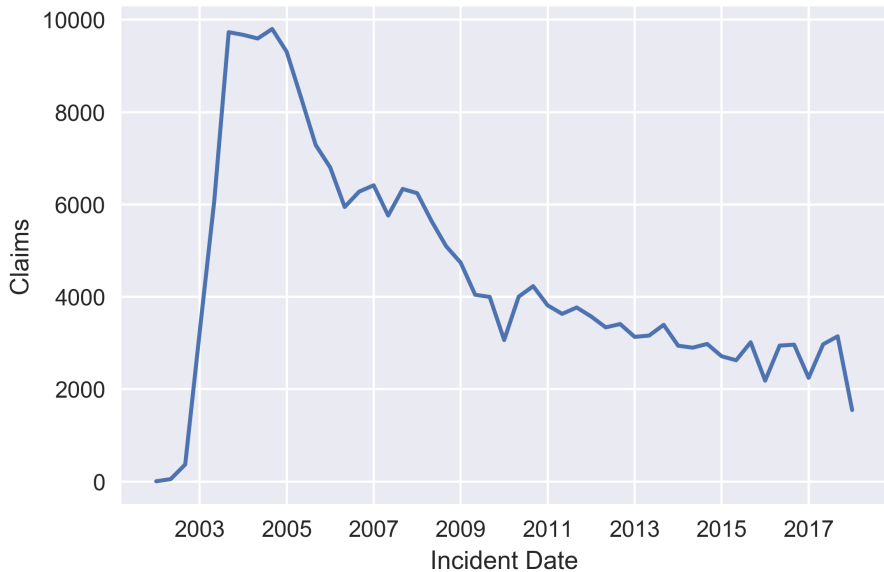
Overview of the data set:

- TSA claims data from 2002-2017 in .pdf and .xlsx format from https://www.dhs.gov/tsa-claims-data.
- Tables contain over 220,828 unique claims
- The 13 columns are:

Claim Number	Date Received	Incident Date	Airport Code
Airport Name	Airline Name	Claim Type	Claim Site
Item Category	Claim Amount	Status	Close Amount
Disposition			

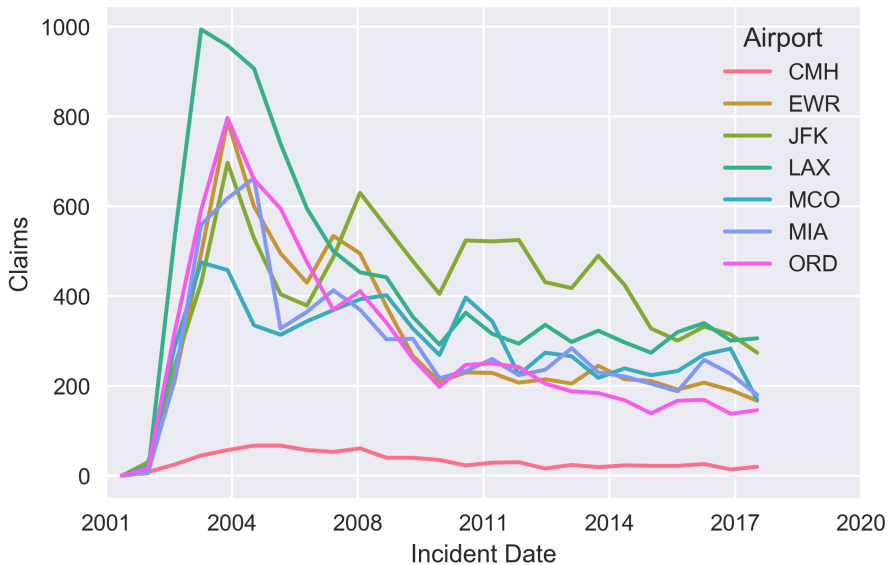- See https://github.com/mcgregor36/TSA-claims for the code used in this analysis.
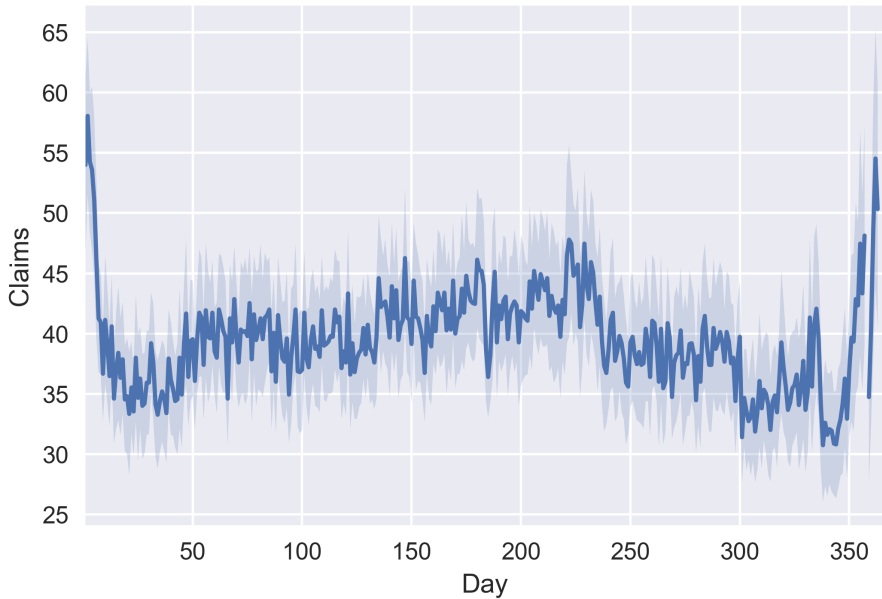
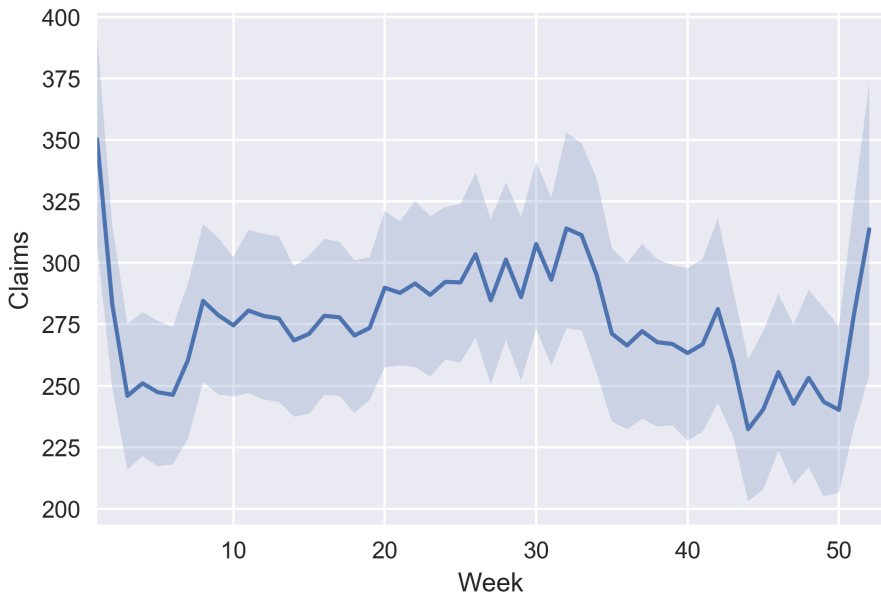All Claims Over Time

Claims Over Time for Major Airlines
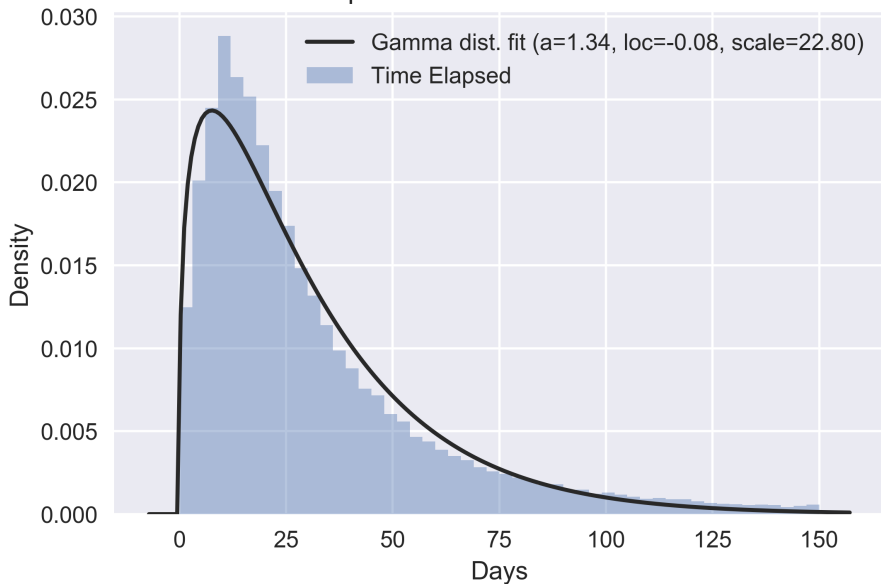
Claims Over Time for Major Airports

Claims Over a Year

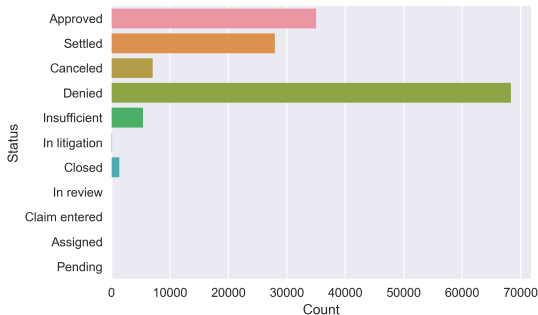# Claims Over a Year

Time Elapsed Between Incident and Claim
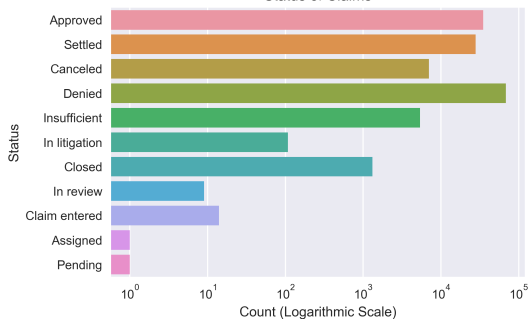
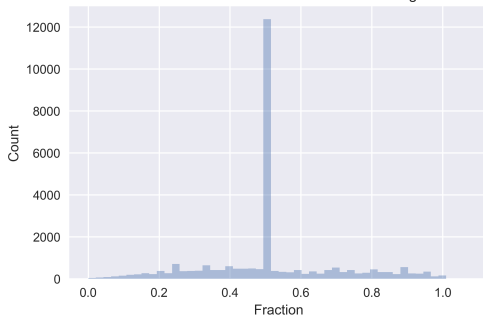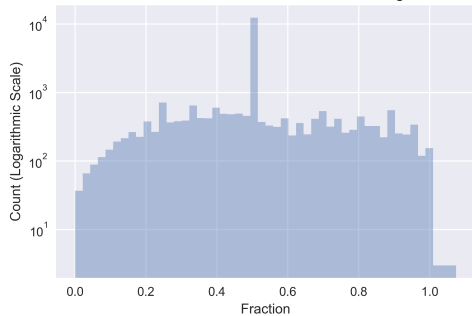K-S statistic: 0.0396   p-value: 1.845e-283   Not a Gamma dist!
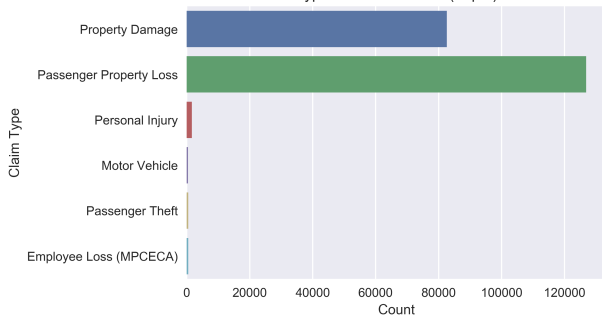
Status of Claims

Status of Claims

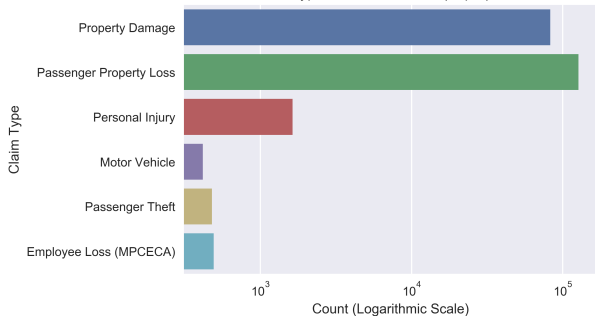Fraction of Claim Returned When Settling
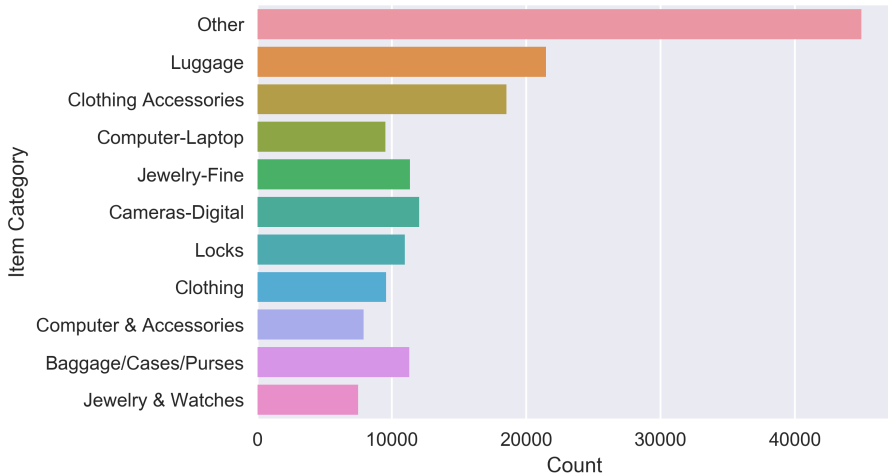

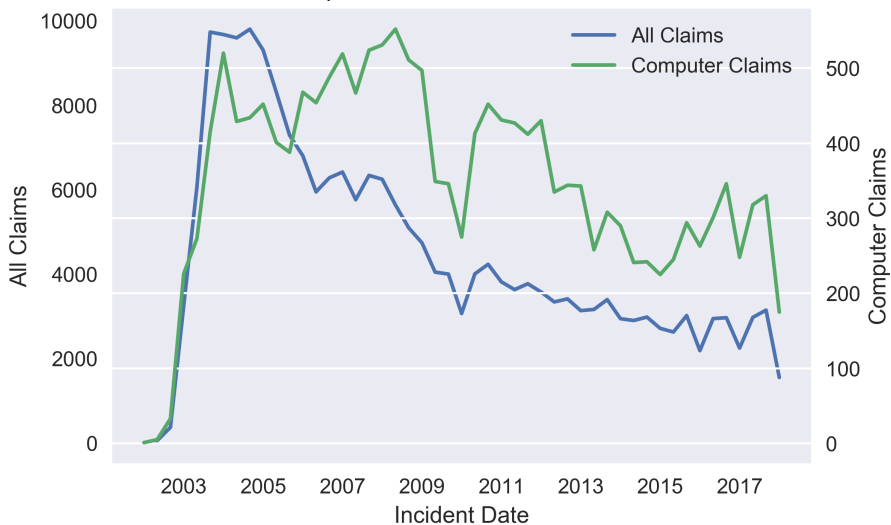Fraction of Claim Returned When Settling

Types of Claims Made (Top 6)
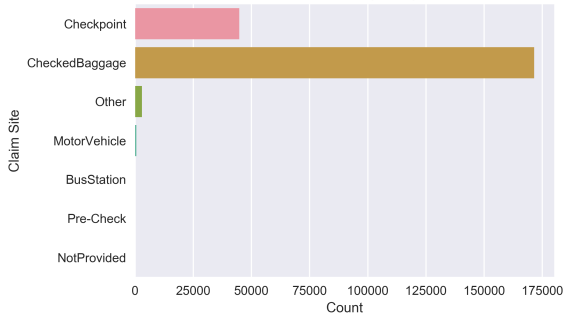

Types of Claims Made (Top 6)

Category of Items Lost/Damaged (Top 11)

All Computer-Related Claims Over Time

Site of Claims (Top 7)

Site of Claims (Top 7)