

# Swiss Road Accident Prediction

21643

Road Accidents (2017) [1]

230

Road Deaths (2017) [1]

3654

Seriously Injured (2017) [1]

## Problem Statement:

Predicting accident risk on Swiss roads

## Previous Work:

High prediction accuracy for road accident in Iowa [0]

## Our approach (using Deep Learning):

- Analysis of Dangerousness of Road segments based on:
  - Historical Accident Data [1][2]
  - Map / Geographical Data
  - Weather Data

[0] <http://urbcomp.ist.psu.edu/2017/papers/Predicting.pdf>

[1] Bundesamt für Statistik ([www.bfs.admin.ch](http://www.bfs.admin.ch))

[2] Bundesamt für Strassen ASTRA ([www.astra.admin.ch](http://www.astra.admin.ch))

