Traffic simulation: Gotthard-Strassentunnel

How can different methods like drop counting or speed limits optimize the traffic flow?

Research Methods

- Implement Nagel-Schreckenberg-Modell / Gipp's modell

- Simulate 2-to-1-lane reduction
  - ➡ Case-study: Gotthard-Strassentunnel

- Using Dataset ASTRA

  Bericht Verkehrsfluss Nationalstrassen 2013

A2 A4

flow-metering for trucks (Erstfeld/UR)

drop counting 2 ➡ 1

Gotthard