University of Zurich[UZH]

Department of Geography

Chronomaps of tram service in Zürich

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Research question

- How well / quickly can you get around in Zürich using trams?
- How centrally are individual tram stops located?

- How to motivate more people to use public transport in cities?

Link to SDG’s

- No. 9: Industry, Innovation & **Infrastructure**
- **No. 11: Sustainable Cities and Communities**
  - 15min city concept
- No. 12: Responsible Consumption and Production

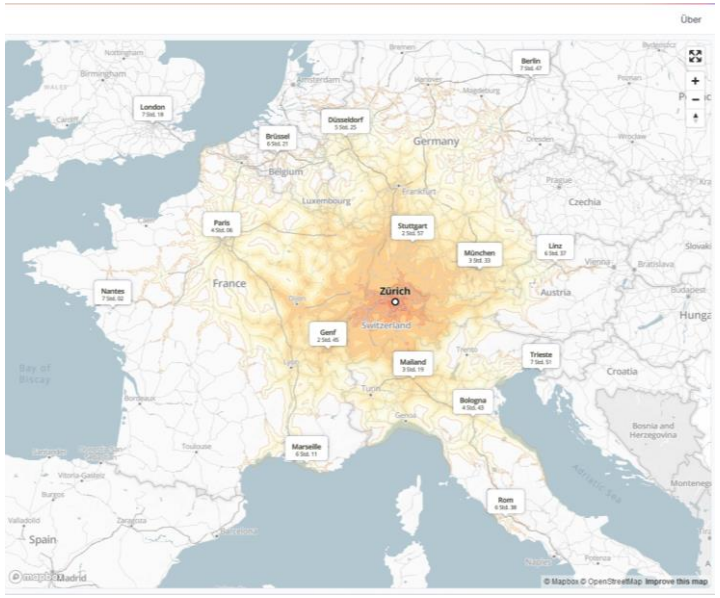


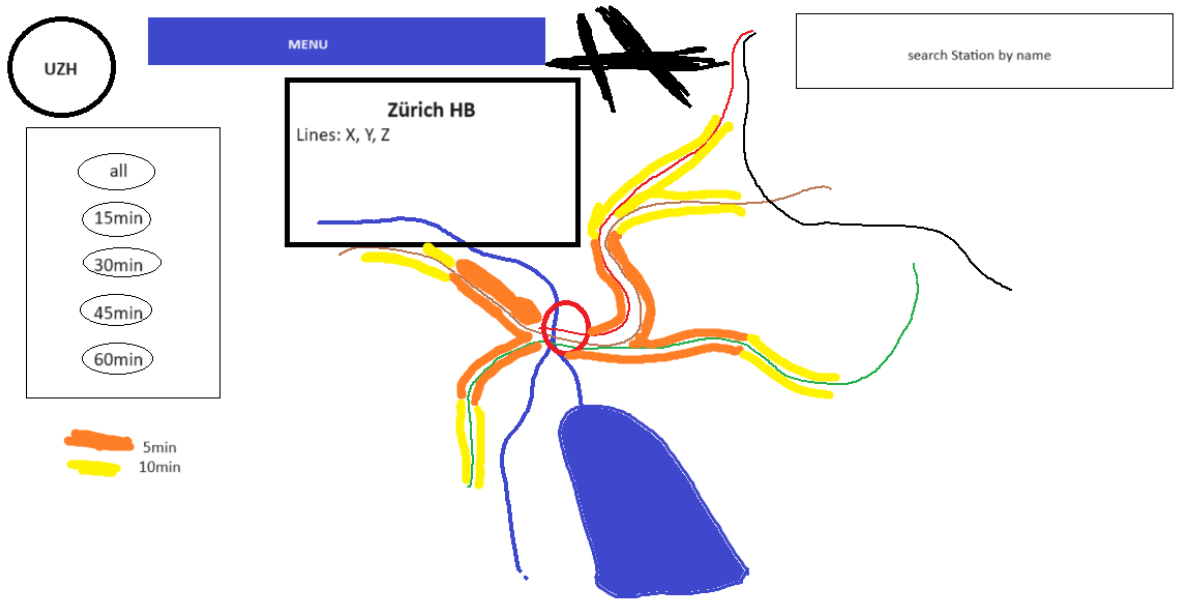
https://sdgs.un.org/goals

Aims

- Map conceptually similar to e.g. Chronotrains
- User can choose a station
  - Map displays travel times as chronomap
  - Maybe highlight outgoing line(s)

- Requires new map or recalculation for every station





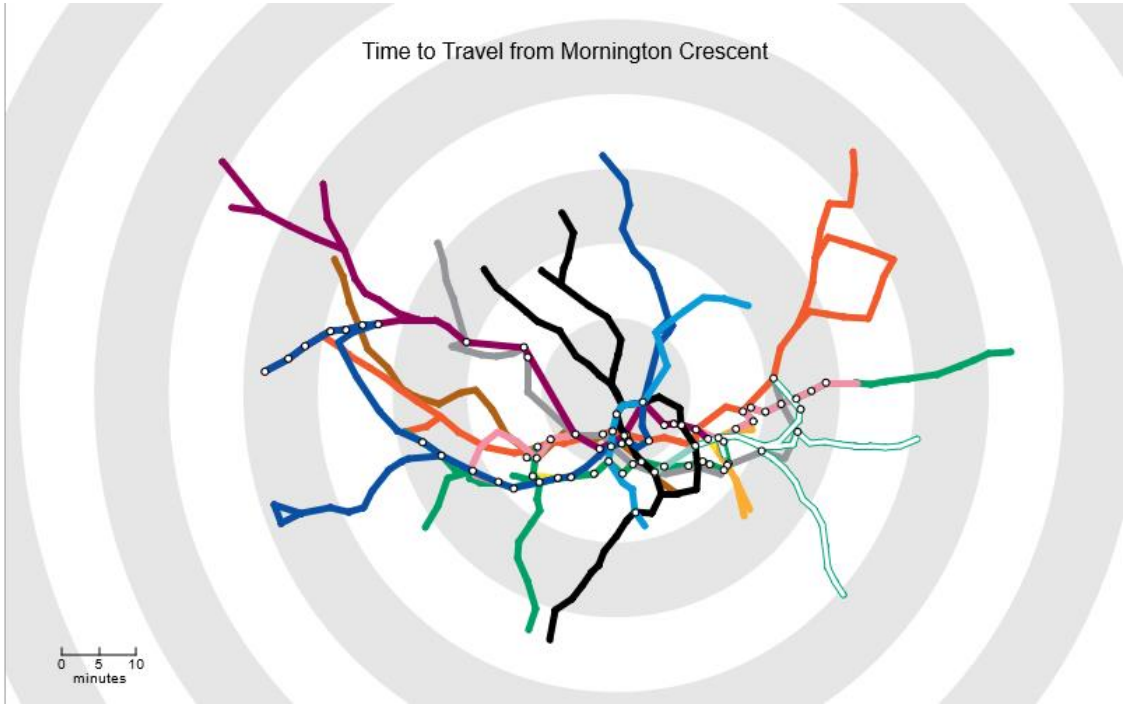
https://www.chronotrains.com/de/station/2657896-Zurich

Preliminary results & Future steps

- Retrieved the data of stops & lines
- Generate a network
  - Calculate travel times between stops
  - Visualisation of all stops as center in ArcGIS
- Potentially add more features
  - Cartogram
  - Route planner

https://geolion.zh.ch/geodatenservice/1056

https://www.stadt-zuerich.ch/geodaten/download/108



Cartogram of the London Tube travel times. Source: https://www.tom-carden.co.uk/p5/tube_map_travel_times/applet/

Questions