Evaluation of Munich’s Cycle Route Planner

Data Analysis, Customer Survey and Field Test

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Data Analysis
- Evaluation of the MVV-Bicycle Route Planner: Analysis of 136,000 Single Route Requests
- High share of origins and destinations in the municipal area, low share in the suburban region

Customer Survey
- Main purpose of using the Cycle Route Planner: Leisure Trips & Trips to Work
- Likelihood of 60.4% of actually cycling a route that was recommended by the route planner
- Preconditions to use the bicycle more frequently: highest approval rates for categories, representing a better bicycle infrastructure and bicycle safety

Field Test
- Implementation of Field Test to verify and evaluate selected routes of the Cycle Route Planner
- 33 Trip Protocols of 11 Cyclists
- Highest impact on selected trips: Traffic Lights, Junctions and Trouble Spots with Car Traffic
- Further research on bicycle accident data & delay caused by traffic lights