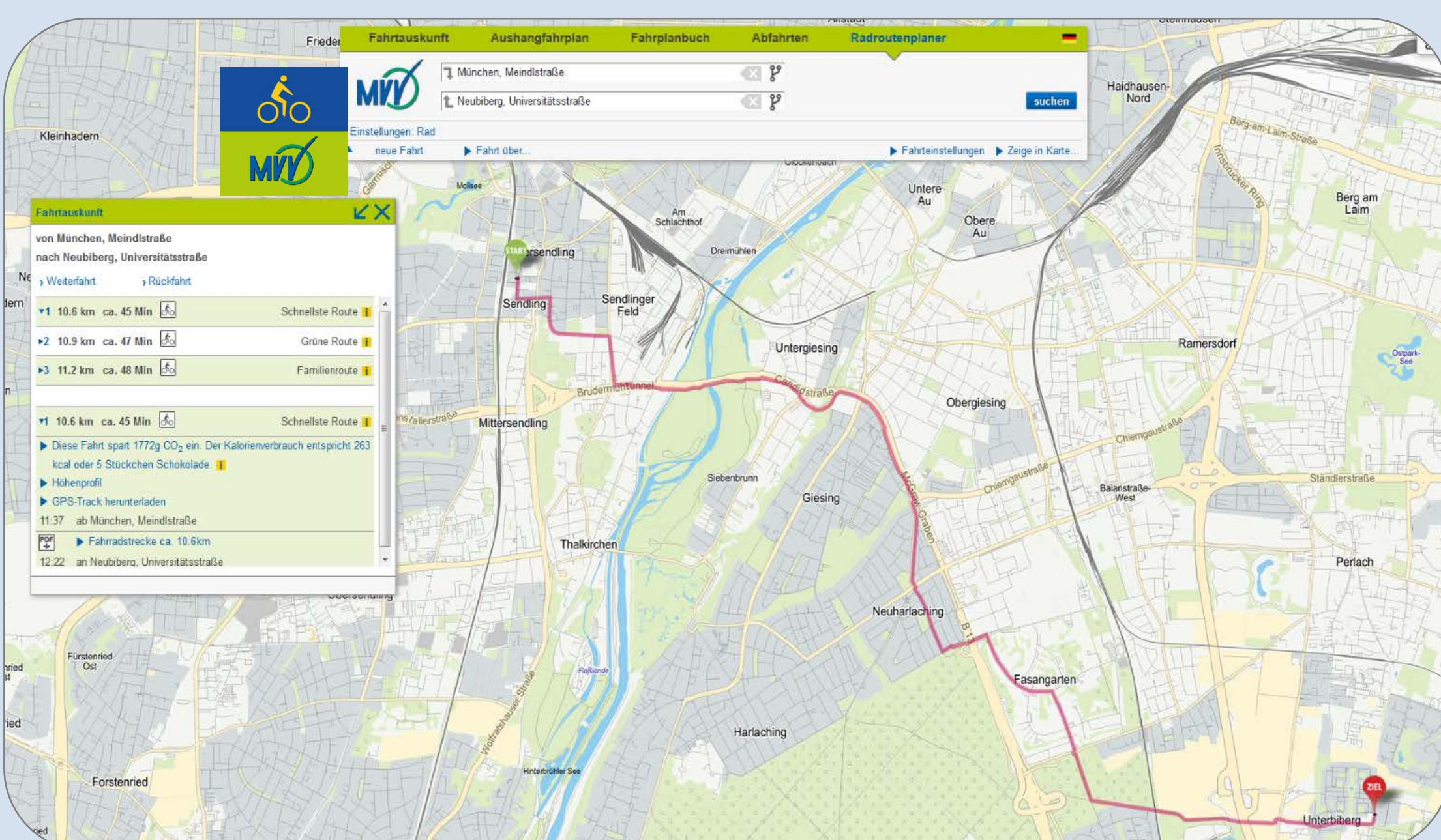# Evaluation of Munich's Cycle Route Planner
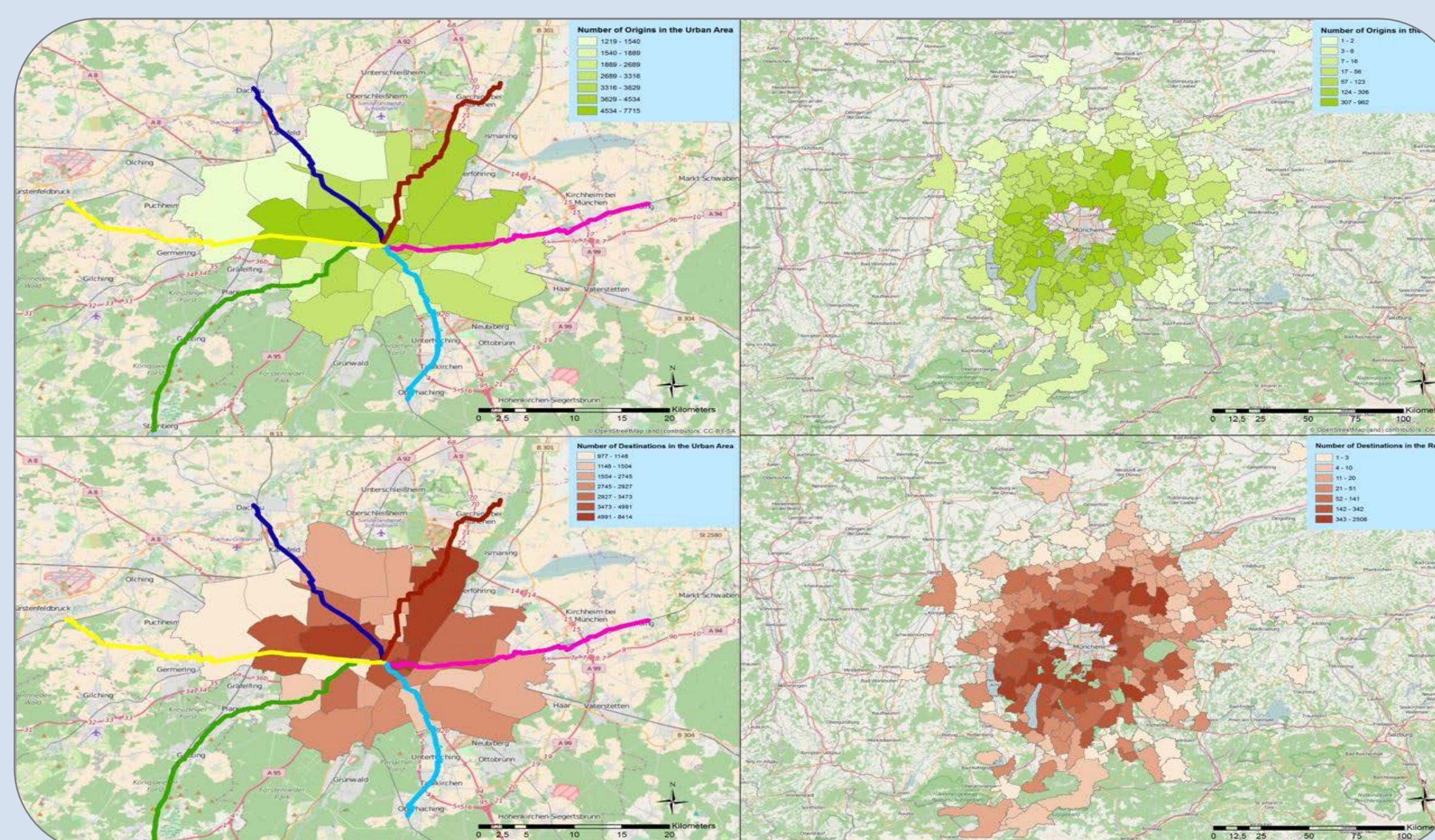# Data Analysis, Customer Survey and Field Test

Dipl.- Geogr. Florian Paul, Prof. Dr. - Ing. Klaus Bogenberger – Universität der Bundeswehr München
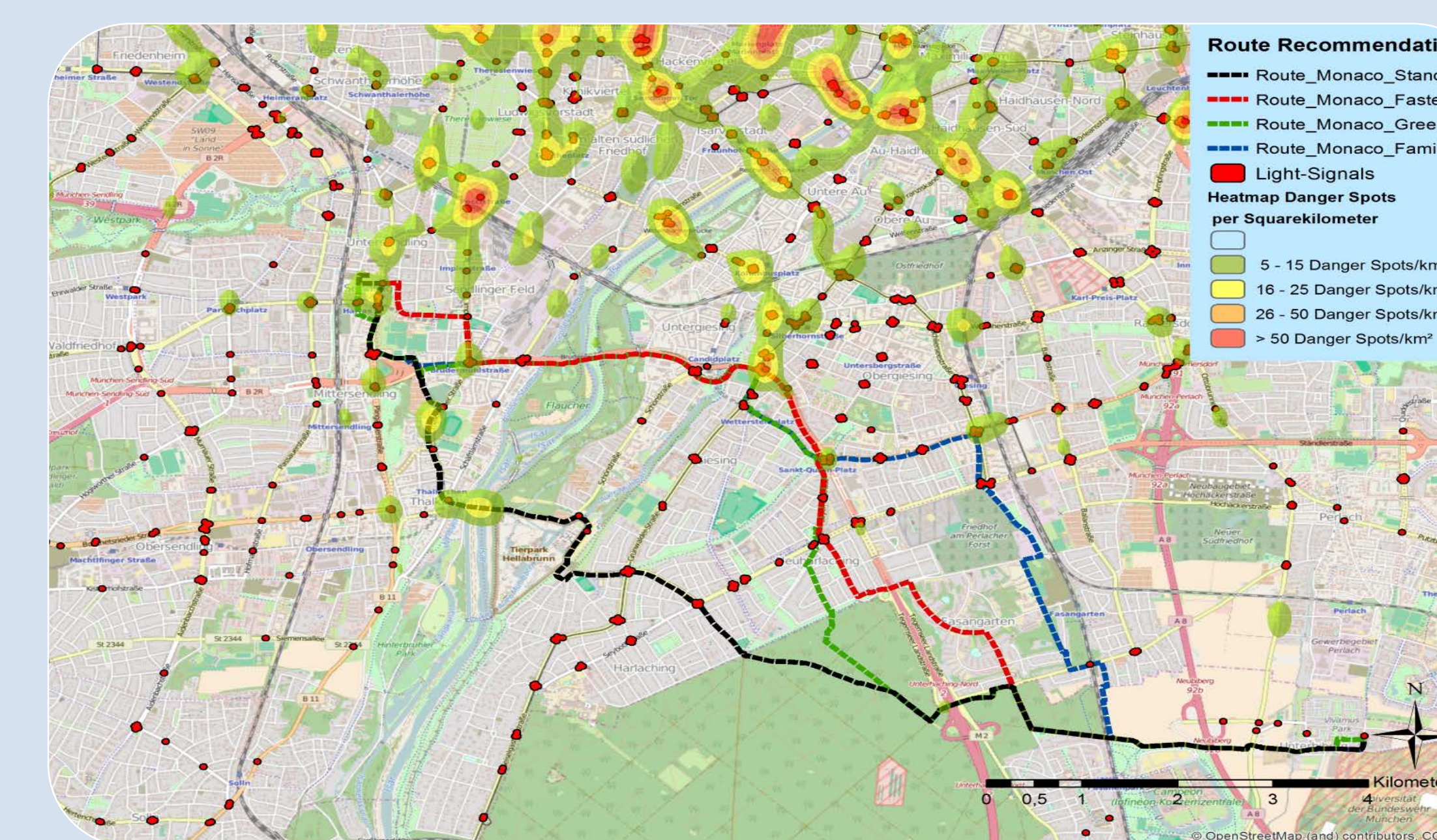
Route Sample of the Cycle Route Planner

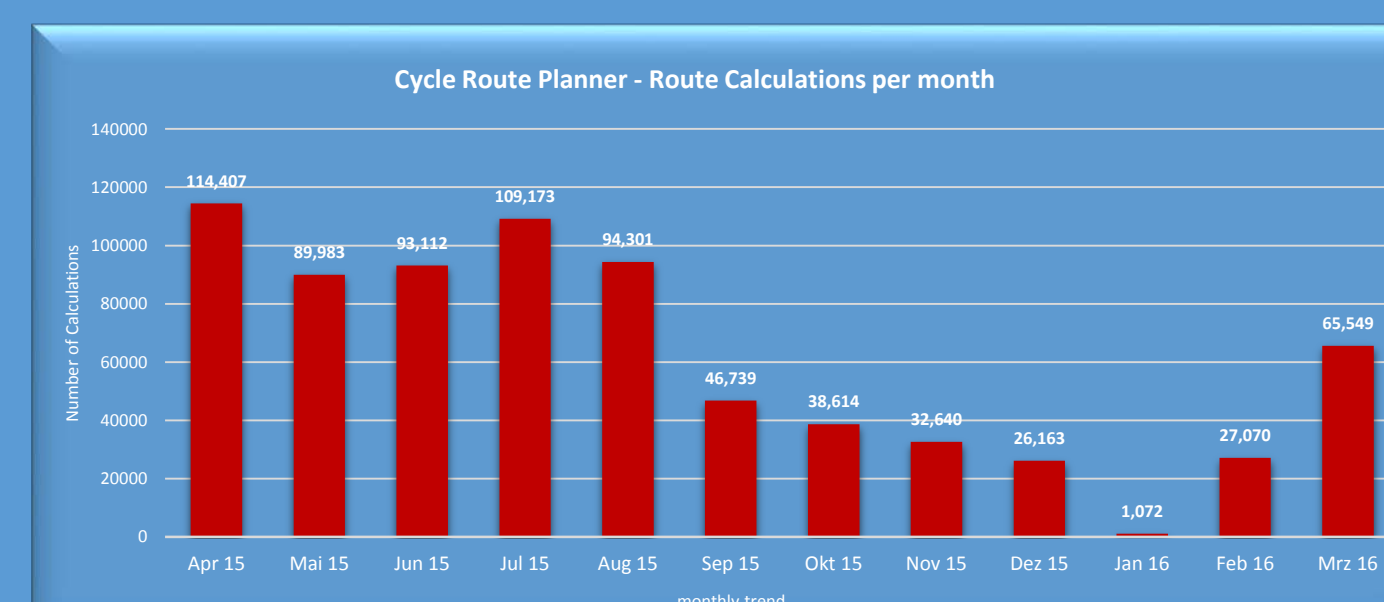
Spatial Distribution of Route Requests

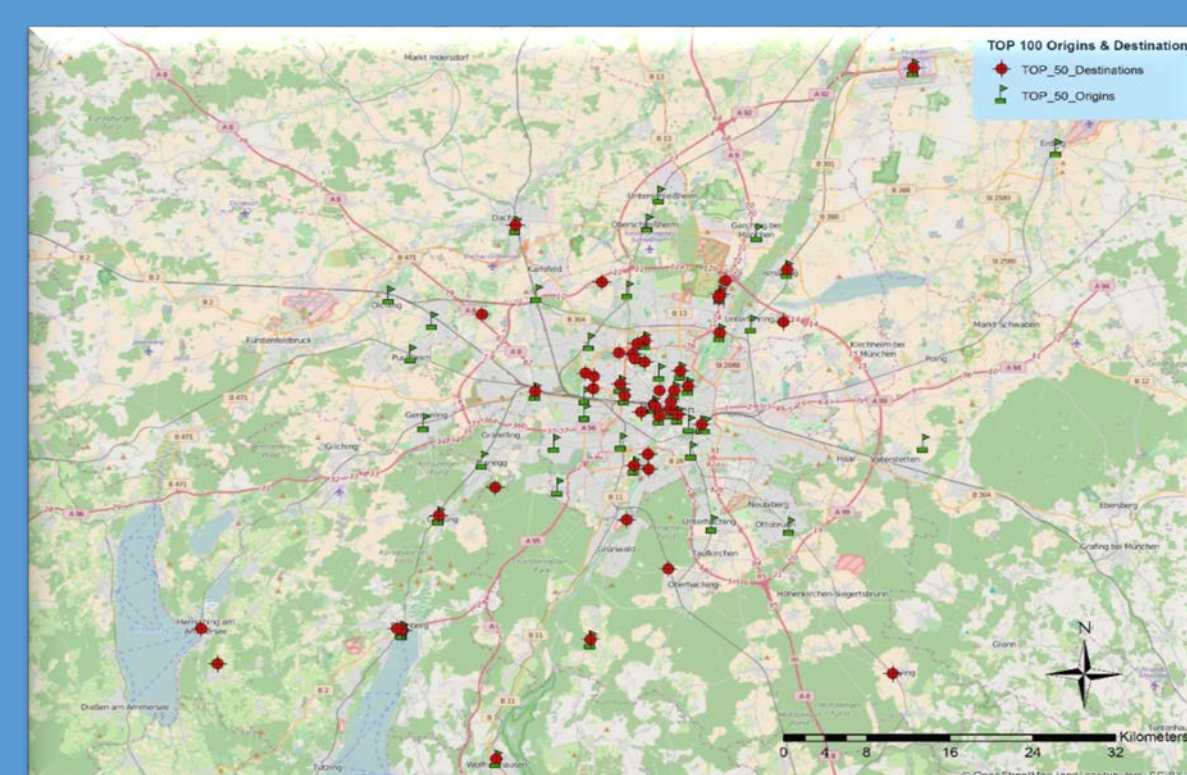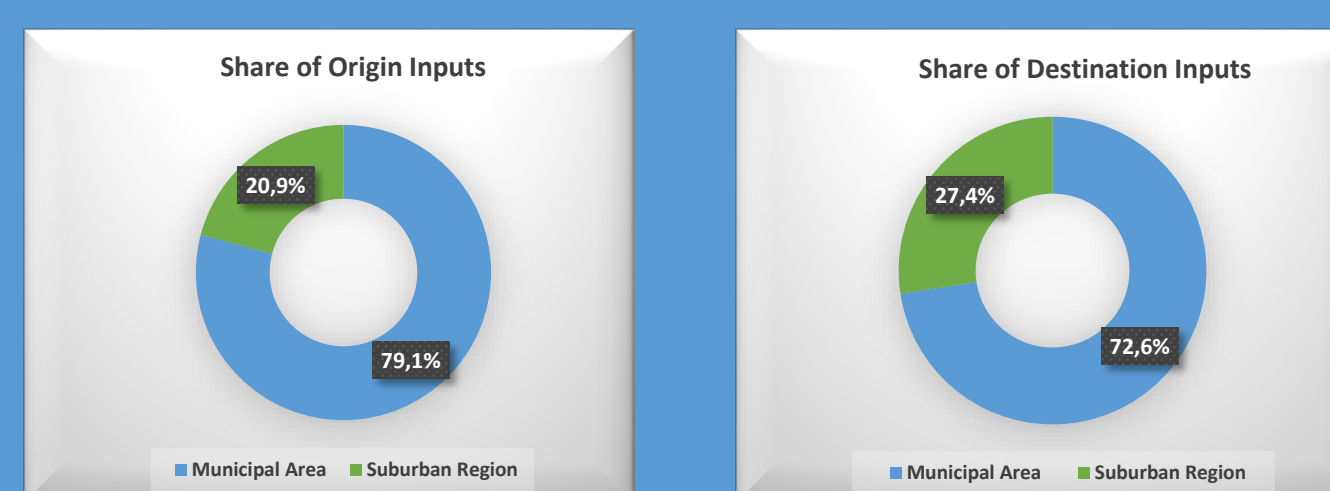### Sample of Route Recommendations

Data Analysis

- Evaluation of the MVV-Bicycle Route Planner: Analysis of 136,000 Single Route Requests
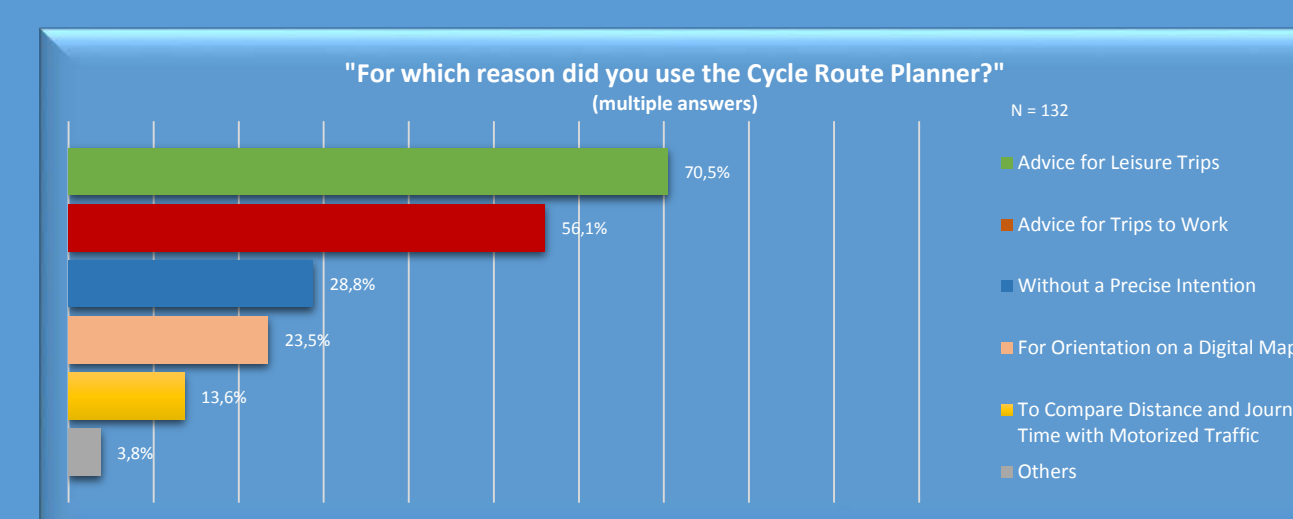

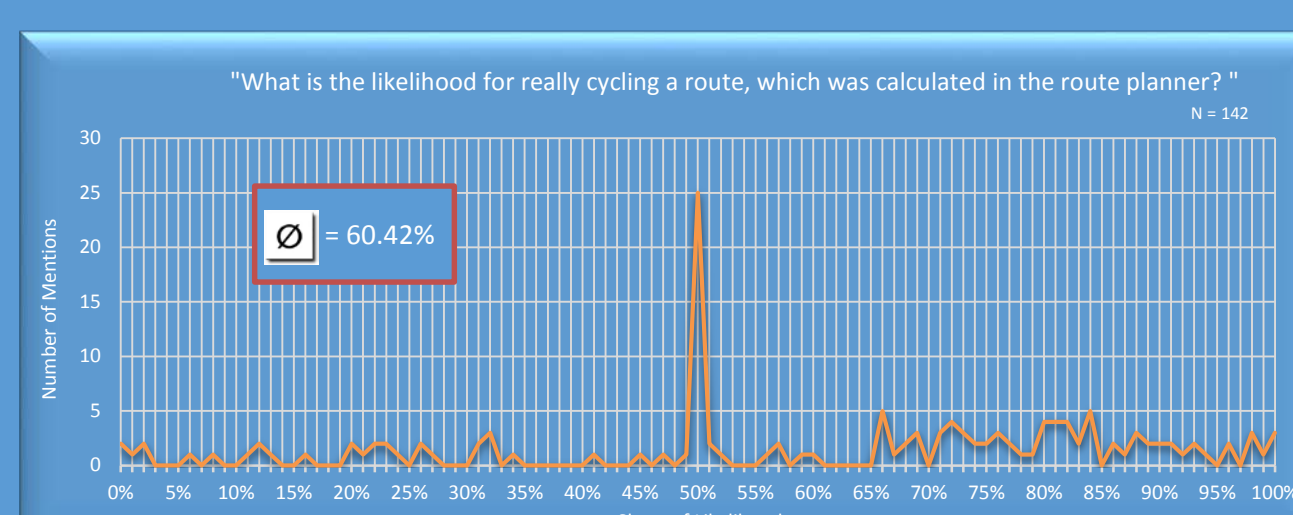- High share of origins and destinations in the municipal area, low share in the suburban region
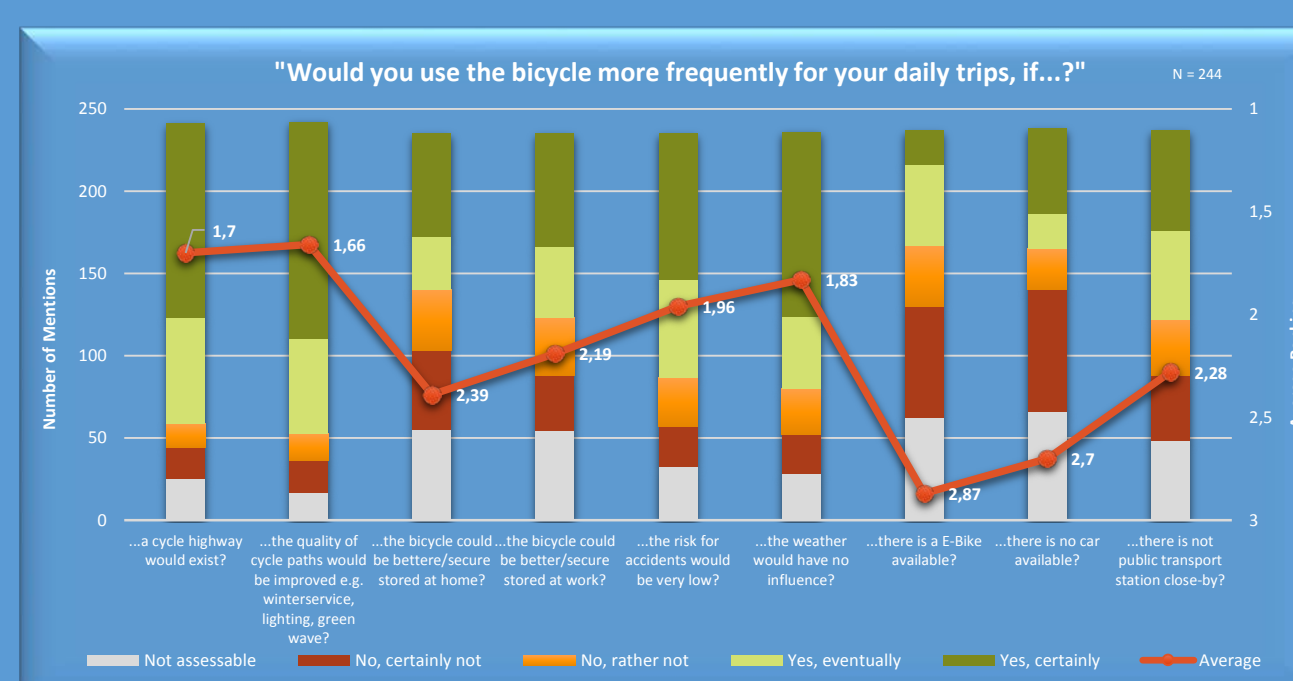

Customer Survey

- 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
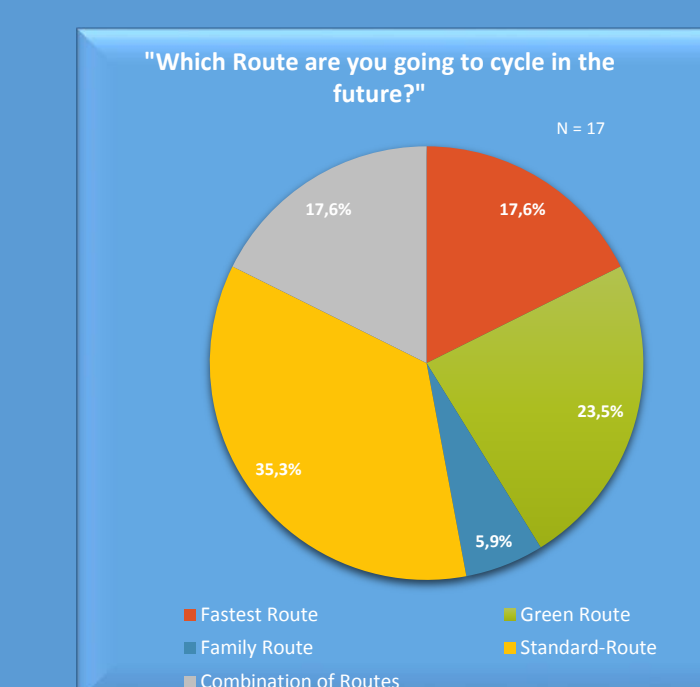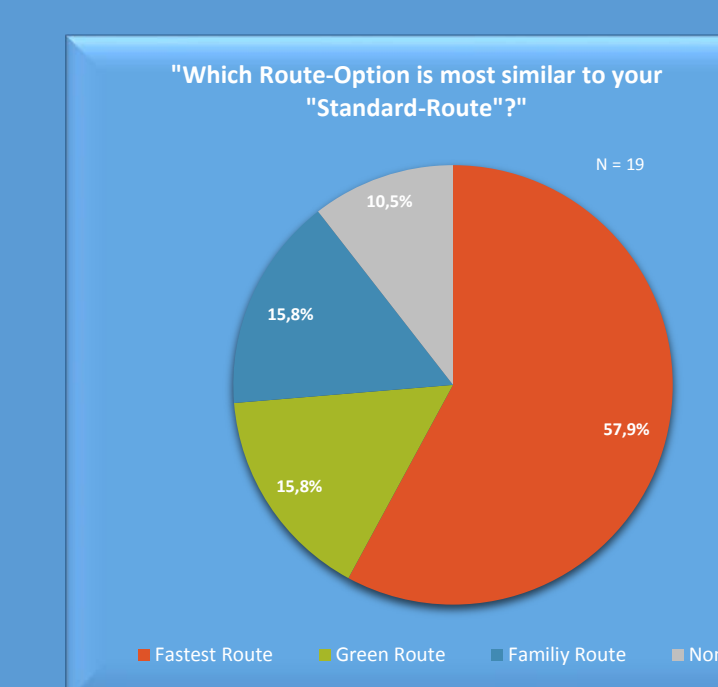

- Preconditions to use the bicycle more frequently: highest approval rates for categories, representing a better bicycle infrastructure and bicycle safety

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

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