

MVV Graph

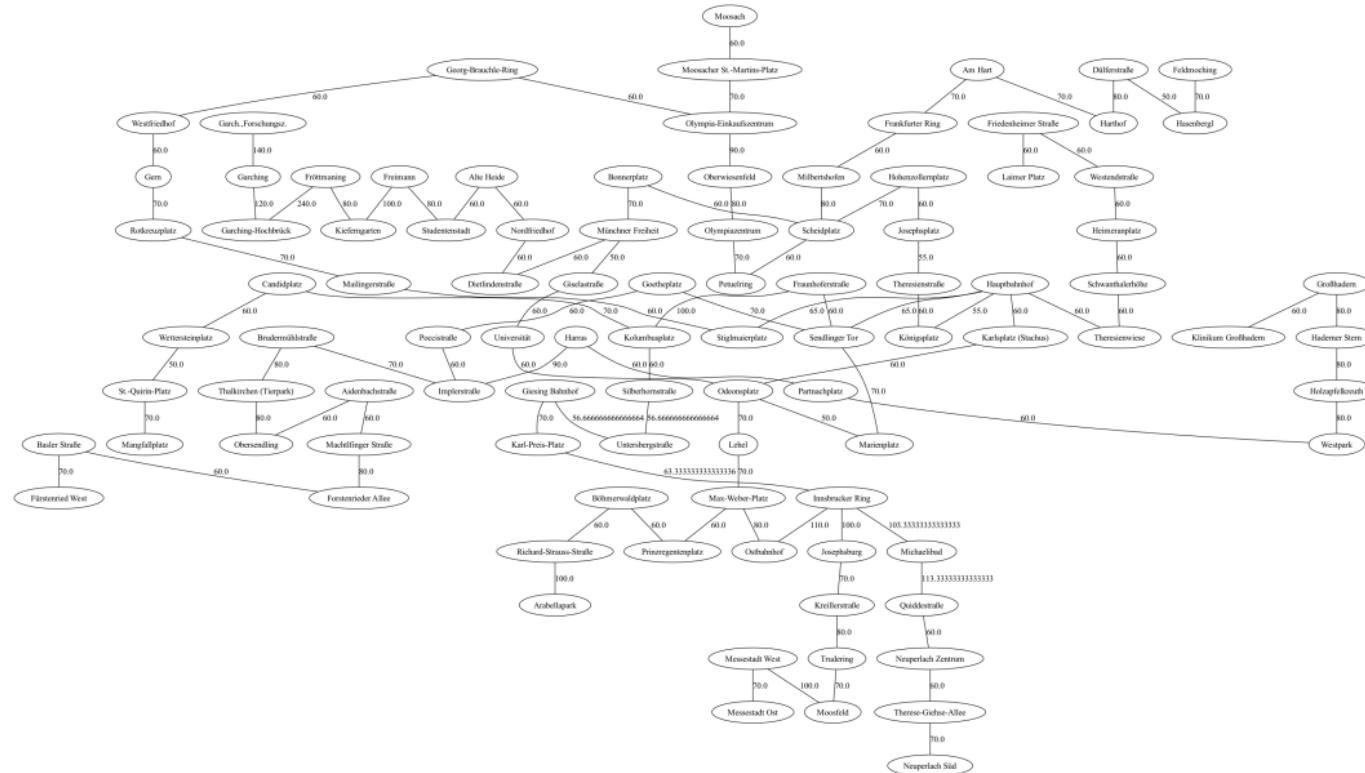
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1 Exercise

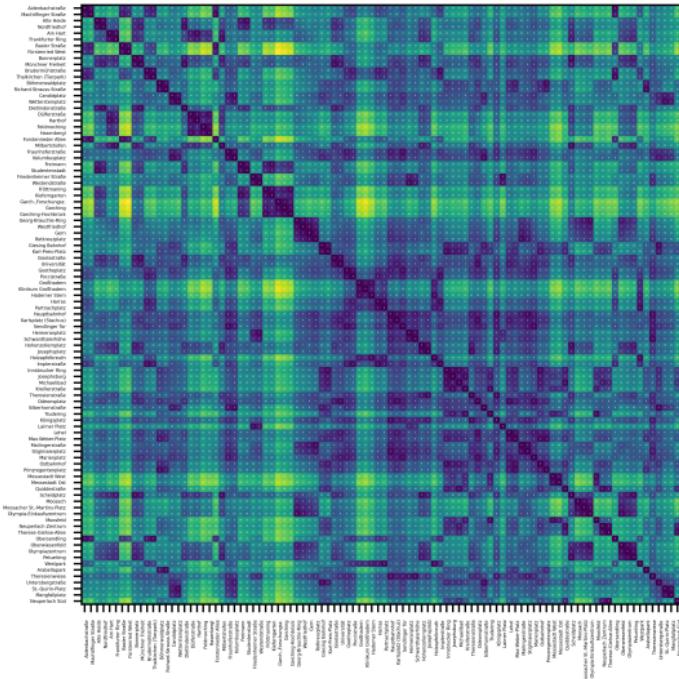
Graph (U-Bahn only)



Shortest distances constant weight (Stations between)

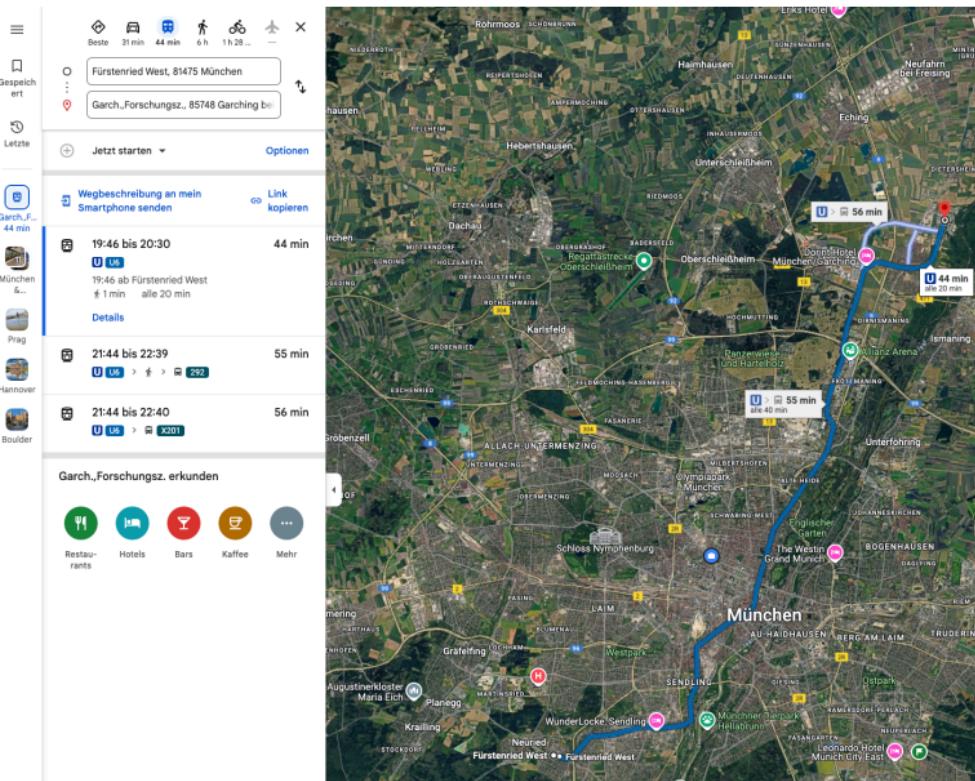


Max From Fürstenried West to Garch.,Forschungsz. with 26



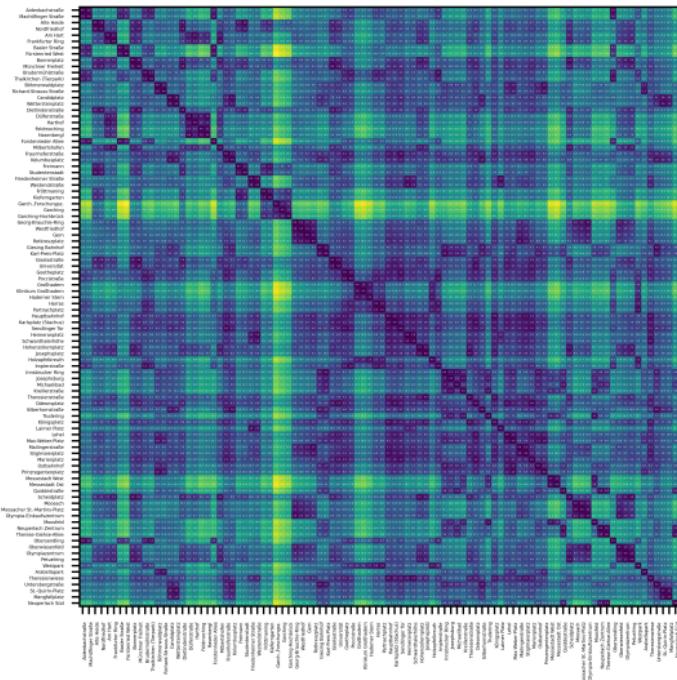
MVV GRAPH

Max. Shortest distances constant weight



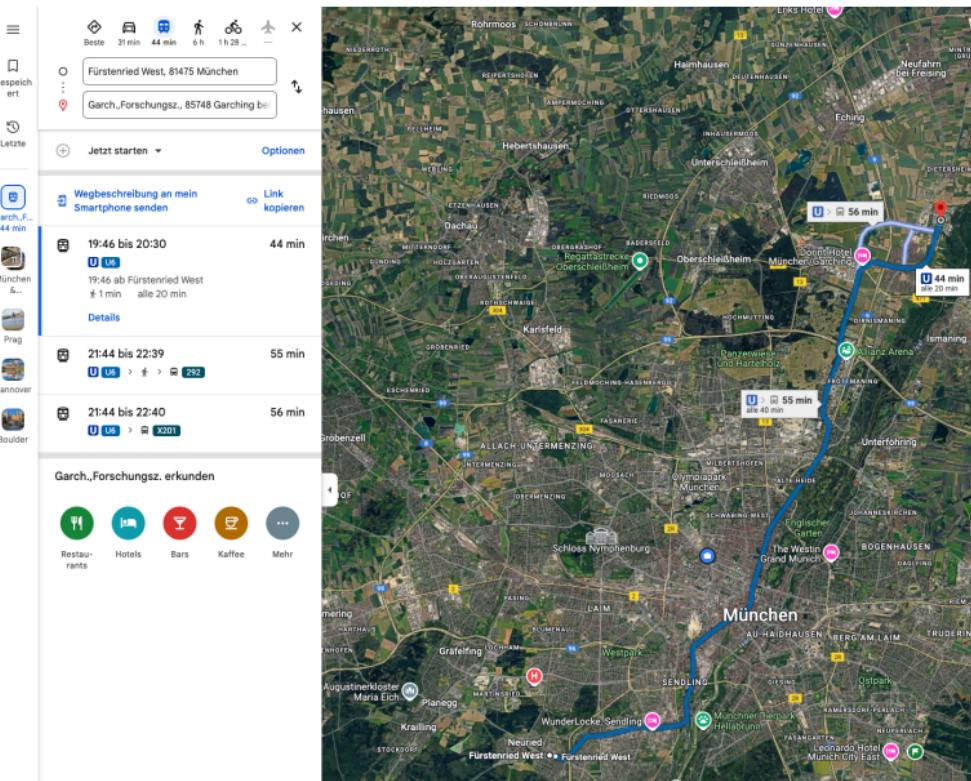
Shortest distances with second weight (Minutes traveled) ●●●●●○○○○○

Max From Fürstenried West to Garch.,Forschungsz. with 34.0

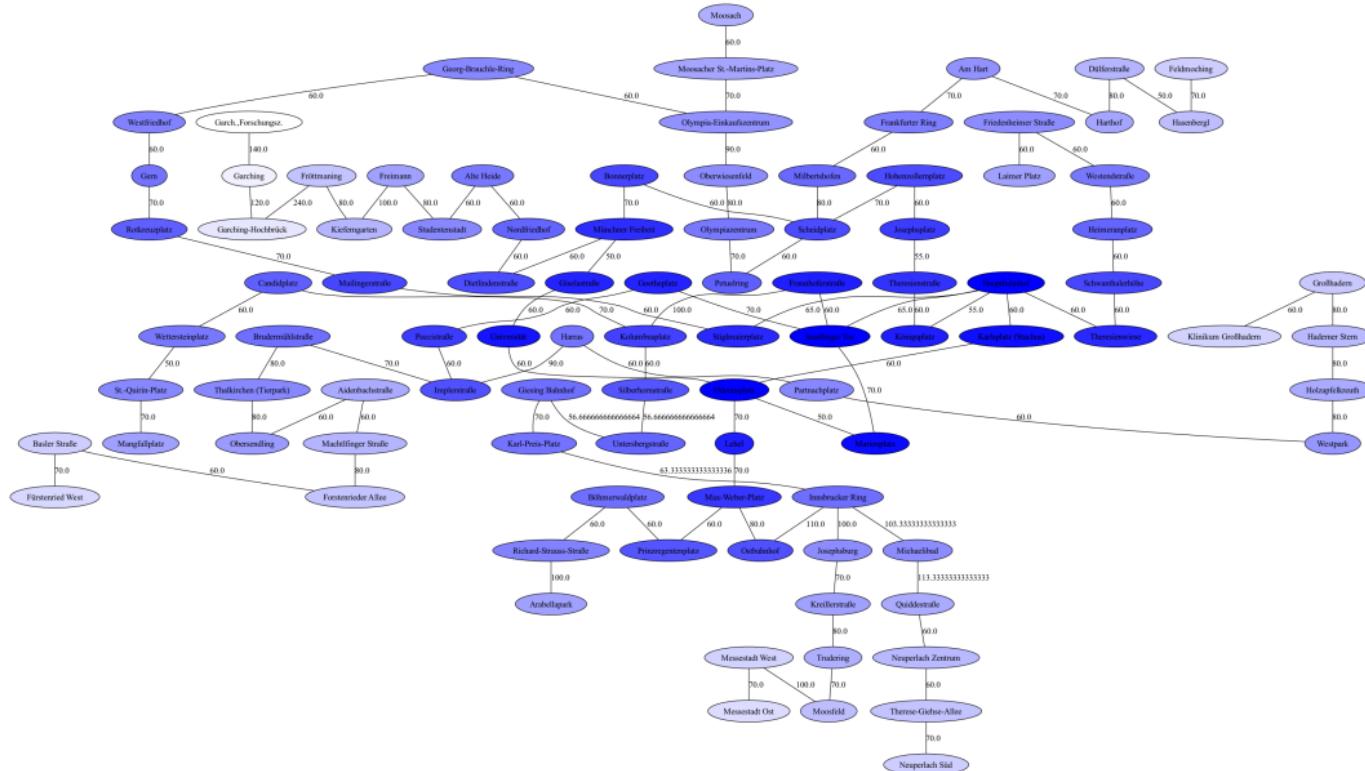


MVV GRAPH

Again has also longest travel time...



(Closeness) Centrality

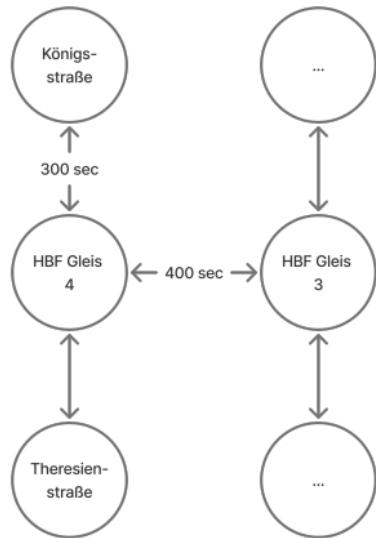


2 Discussion

Transfer times



Introduce multiple vertices for each station



Possible Extensions



1. Include further Transportation devices.
2. Maybe include shortcut through e-scooter
3. Include Prices / Zones
4. Include Statistics how many people traveled when on what routes.