TraModSim

an open-source tool to add dynamic traffic assignment to a traditional travel demand model

- We present a new approach to calculate Level-of-Service matrices given origin-destination demand matrices of car traffic from TraMod_By.
- The resulting tool, TraModSim, is based on the dynamic traffic assignment model of MATSim and is compiled together with MATSim into one Java executable.
- TraModSim handles the necessary data transformations needed to couple a macroscopic demand model with an agent-based assignment model
- The report includes some preliminary empirical tests for the Greater Oslo Area.
- The report includes also a short discussion of limitations of the approach and of possible developments towards fully agent-based model systems.