

SIMULATION-BASED ANALYSIS OF TRAFFIC CLOSURES

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PIPELINE

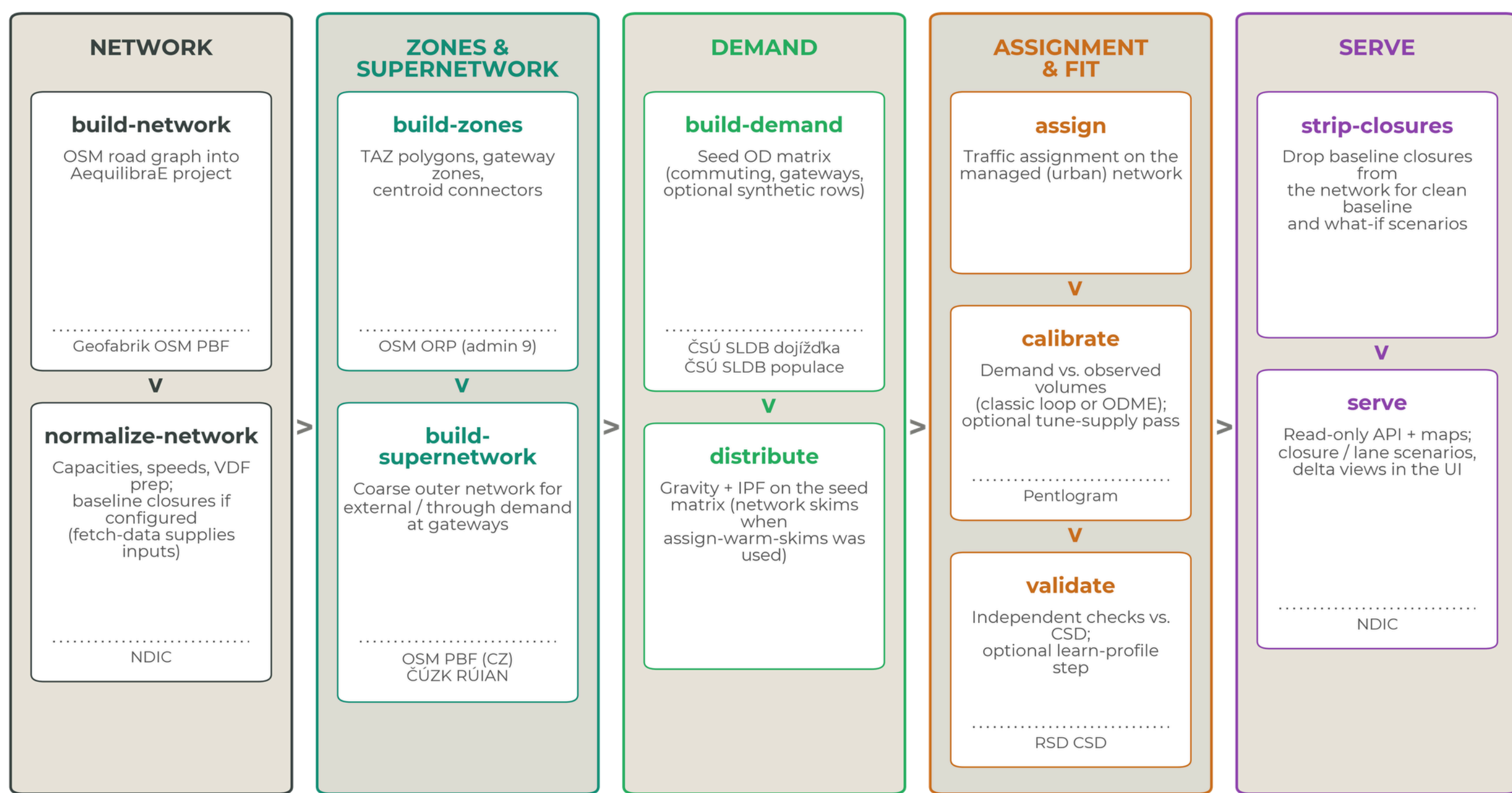


Figure 1. End-to-end modelling workflow from map and census inputs through simulation to the interactive map viewer.

NETWORK

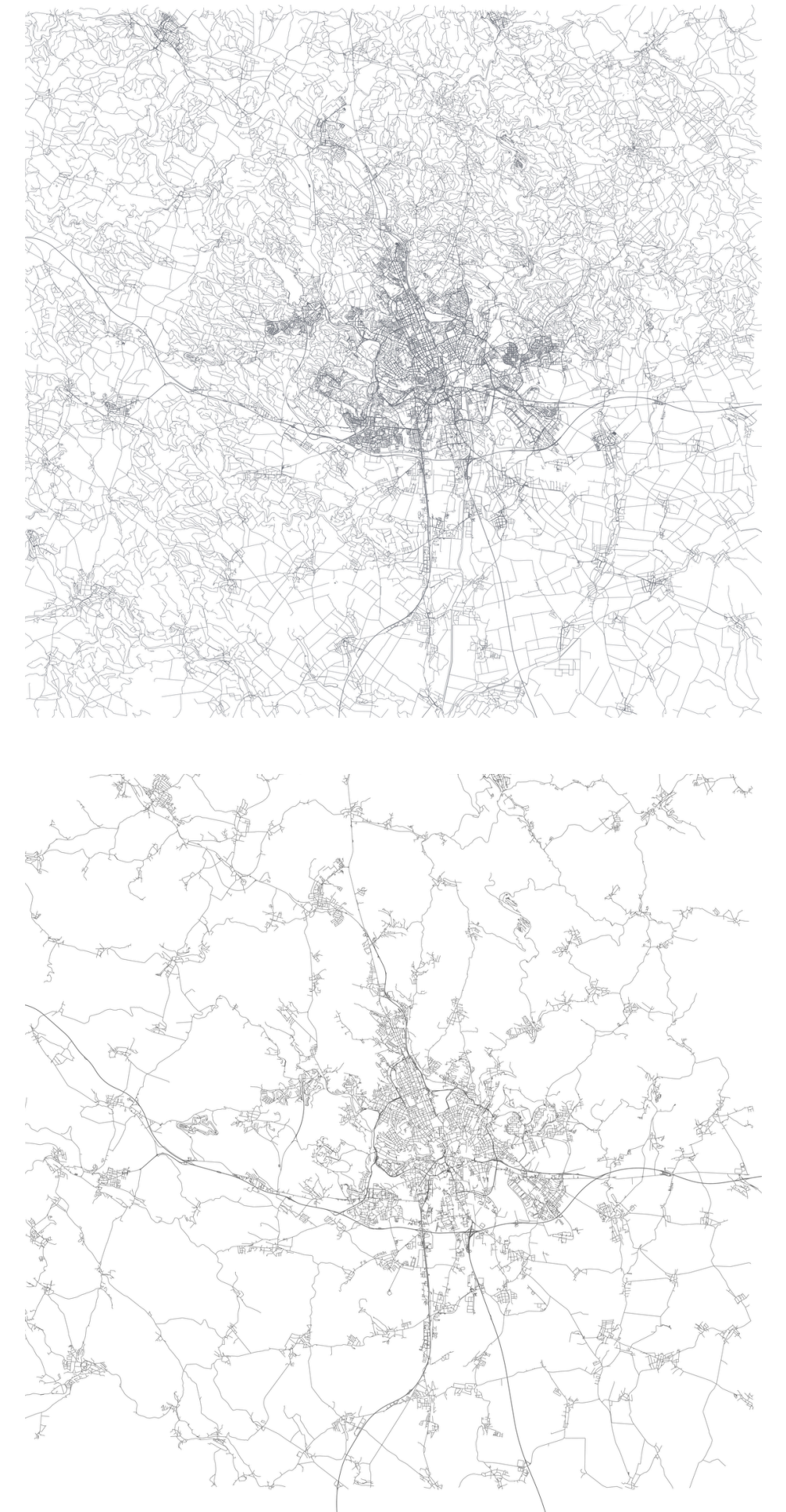


Figure 2. Raw OSM road graph (top) vs filtered assignment network for Brno + 2 km buffer (bottom).

ZONING

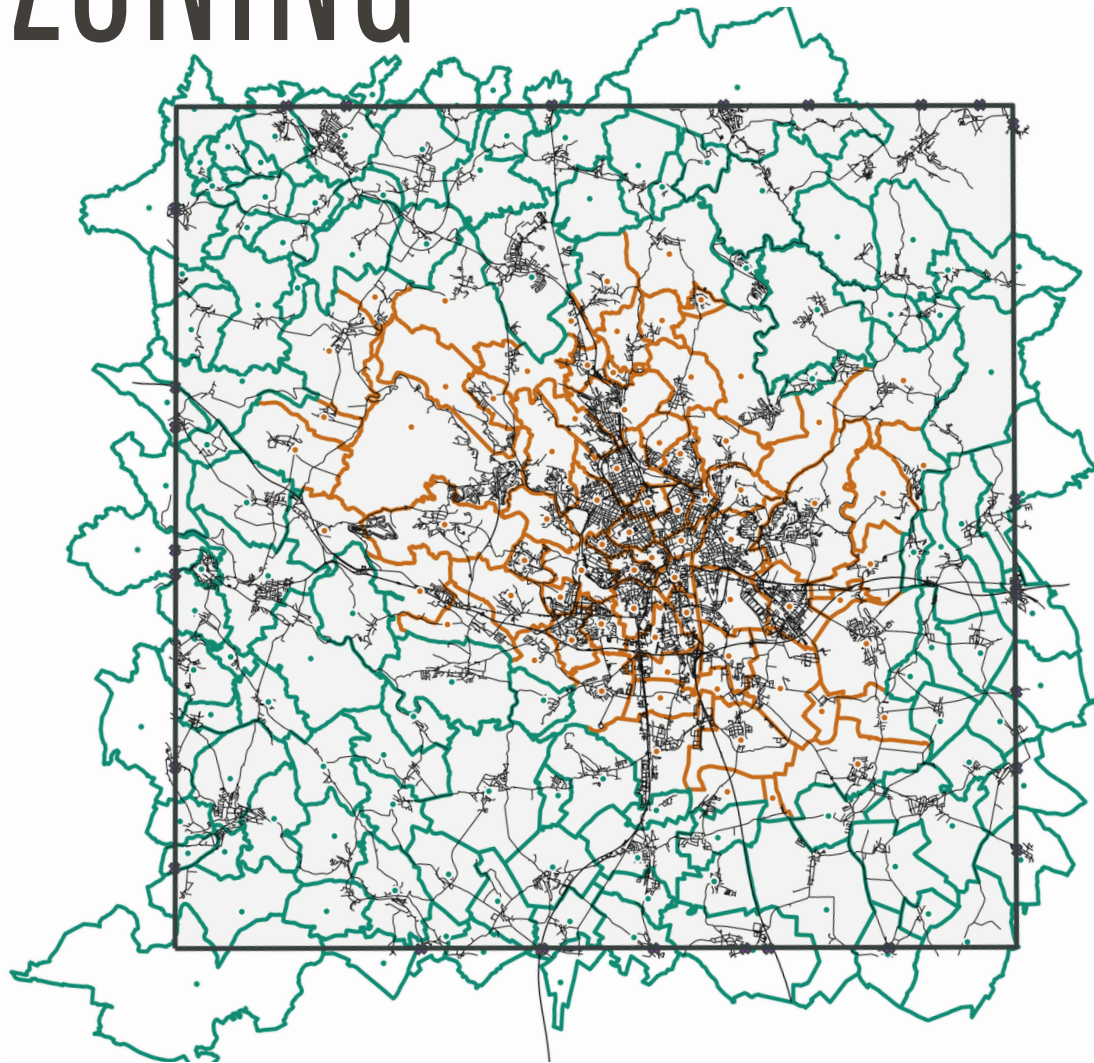


Figure 3. 219-zone layout: internal TAZs, gateway zones, and centroid connectors.

SUPERNETWORK

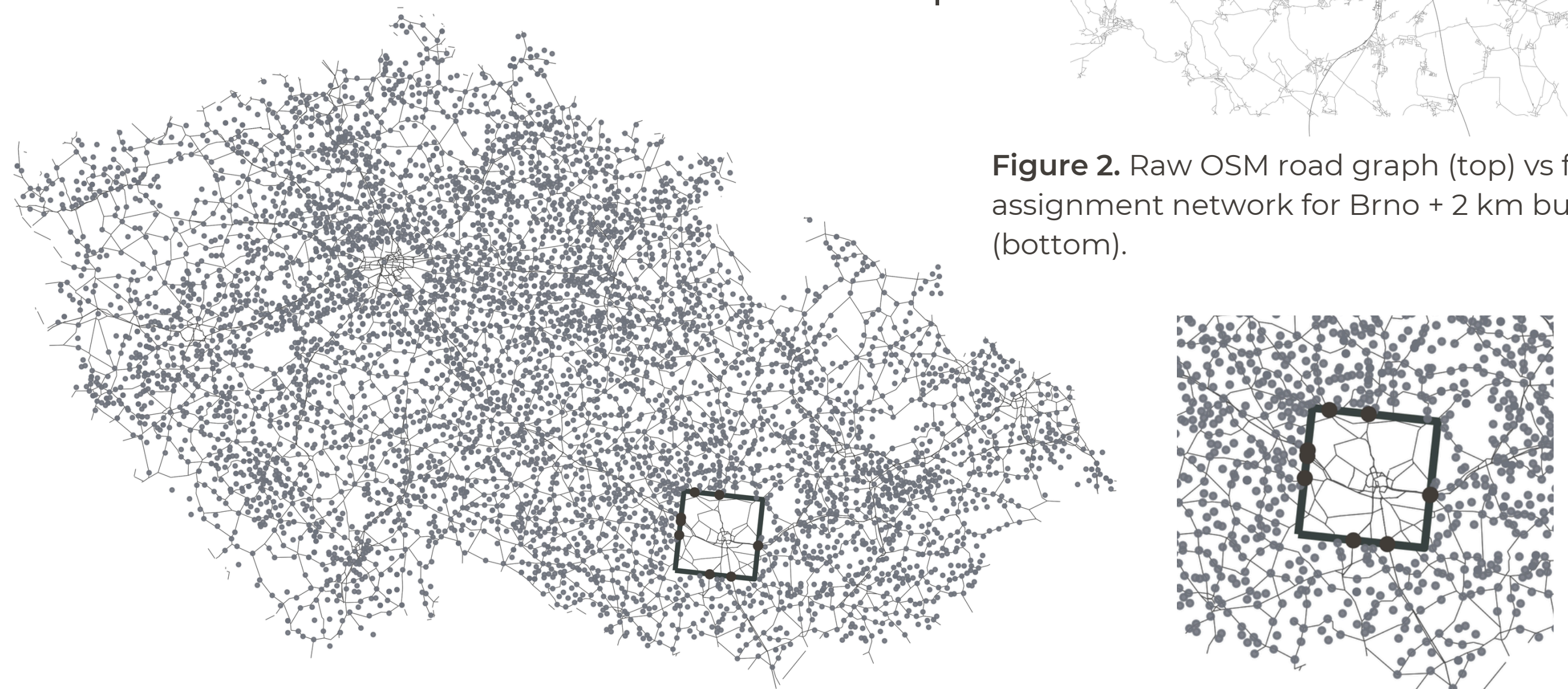


Figure 4. Czech supernetwork (left) and Brno study window with gateway-scale detail (right).

USER INTERFACE

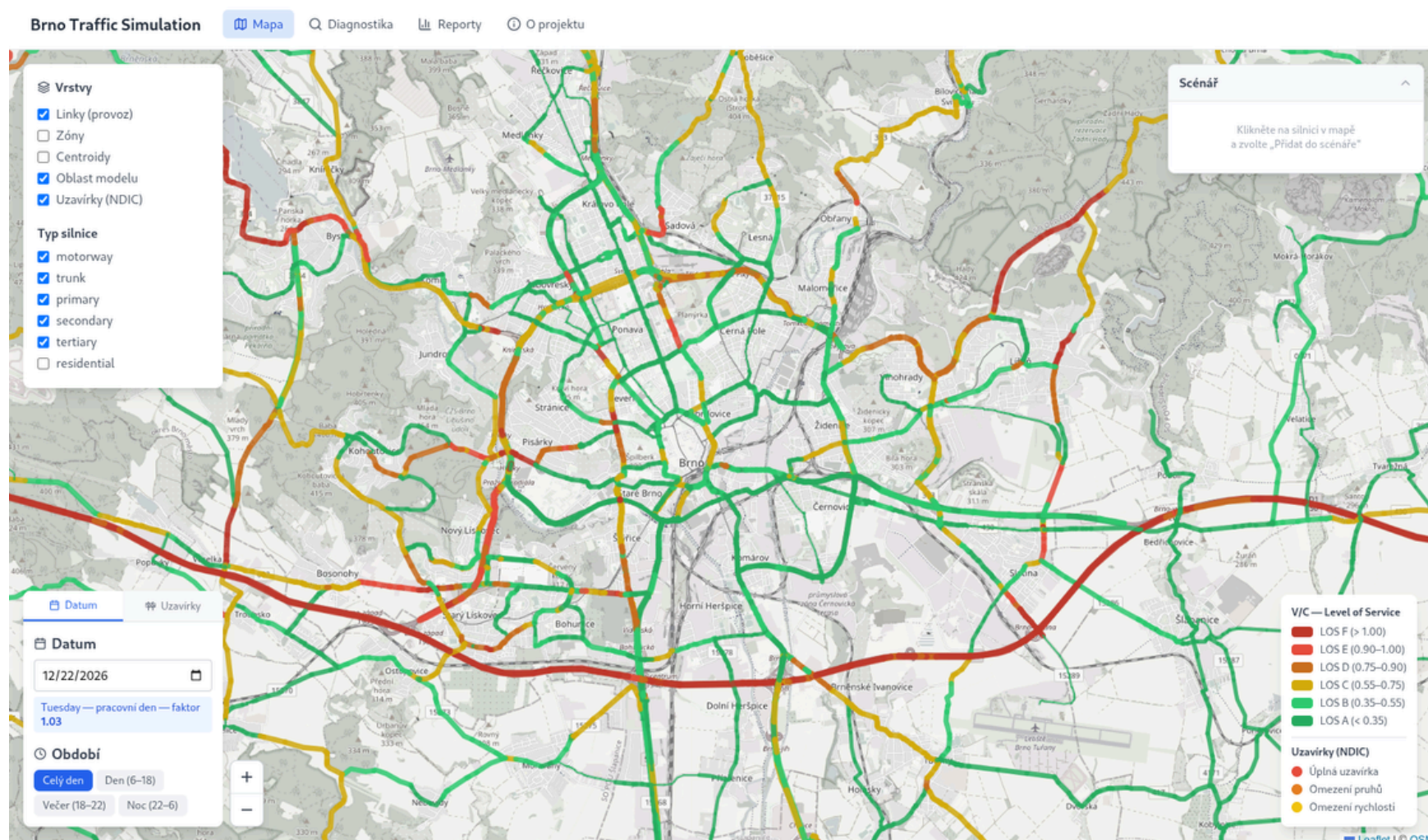


Figure 5. Baseline map: V/C-based LOS colors and volume-scaled link width.

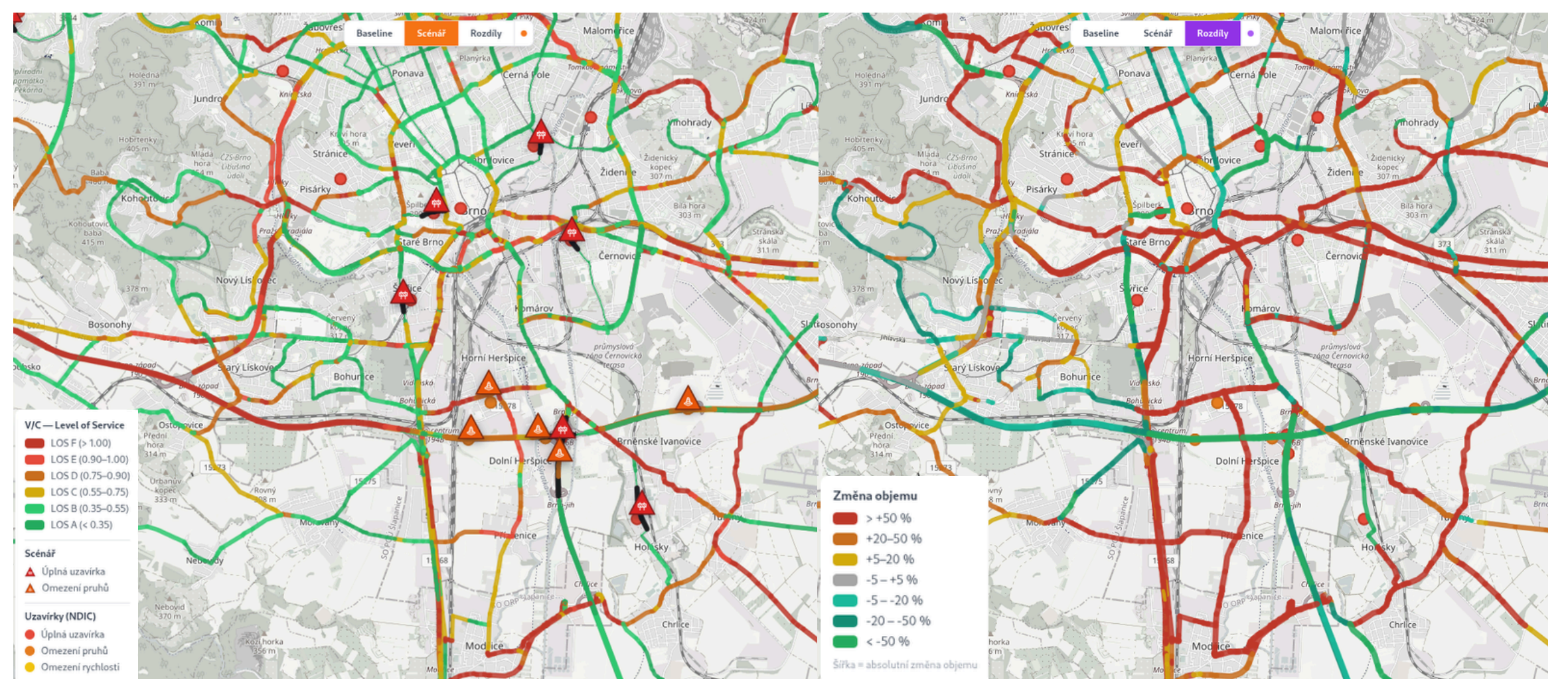


Figure 6. Scenario controls on the map (closures / lane reductions) and the scenario-vs-delta view (red = more traffic, blue = less).