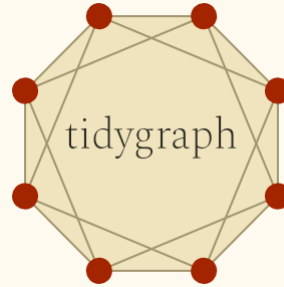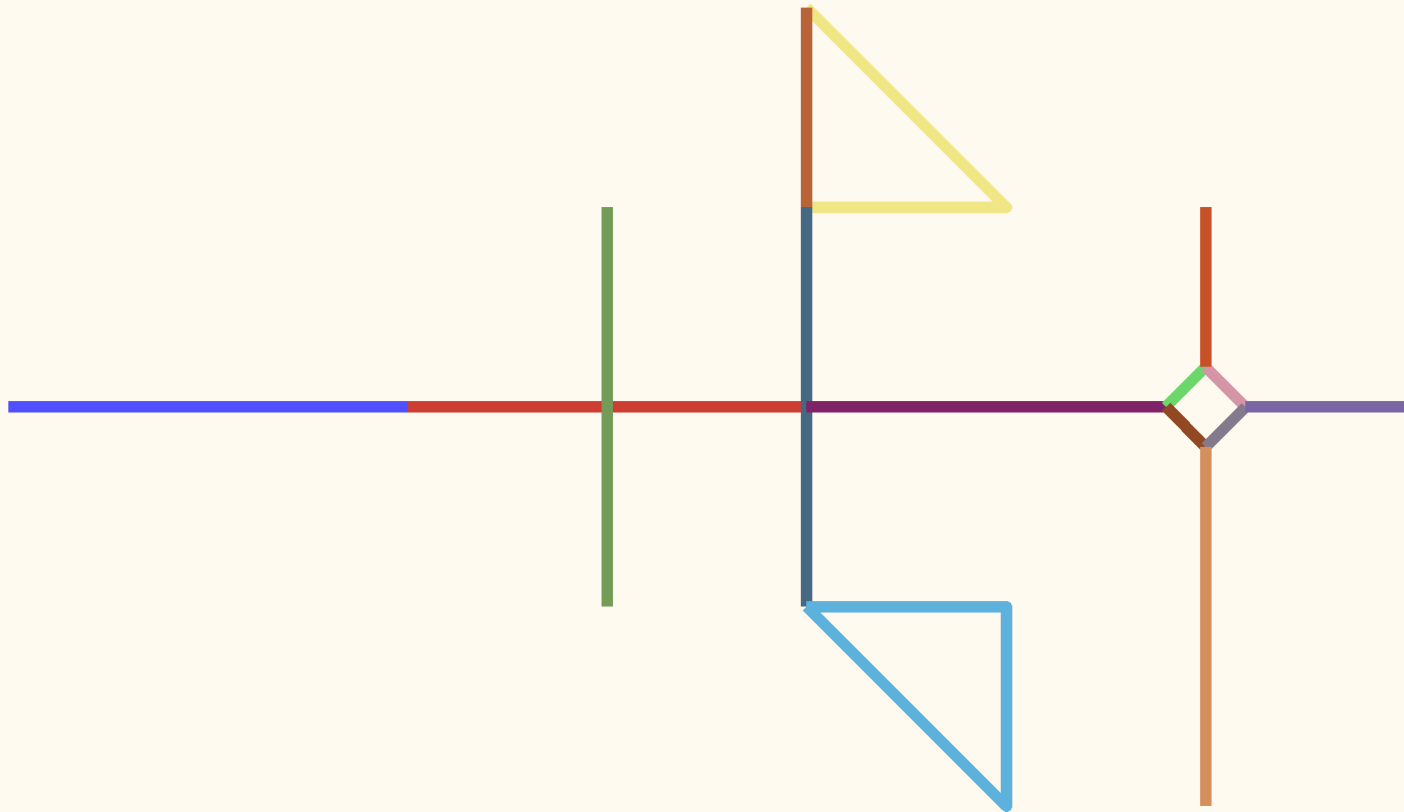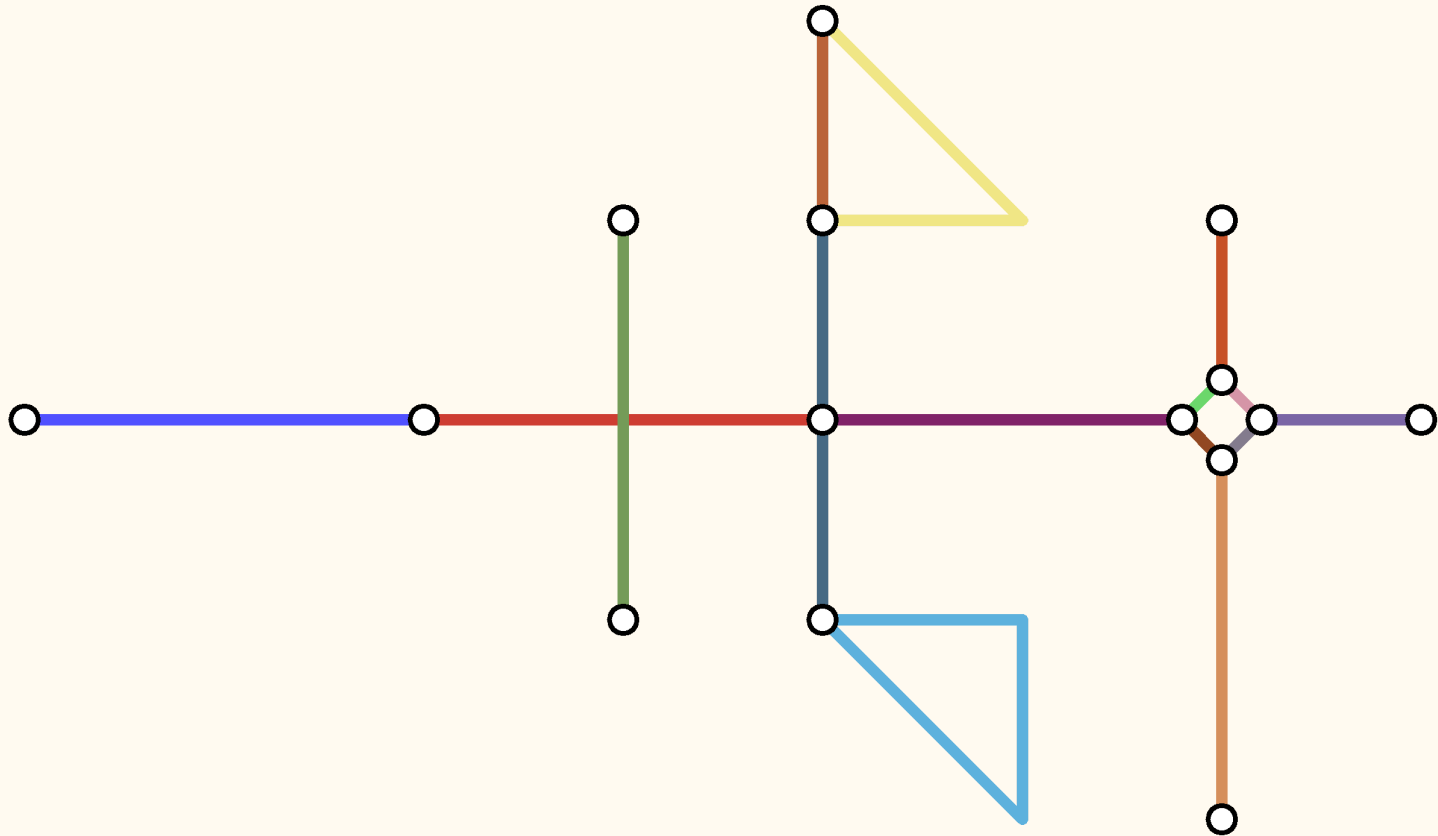**sfnetworks**

showcase
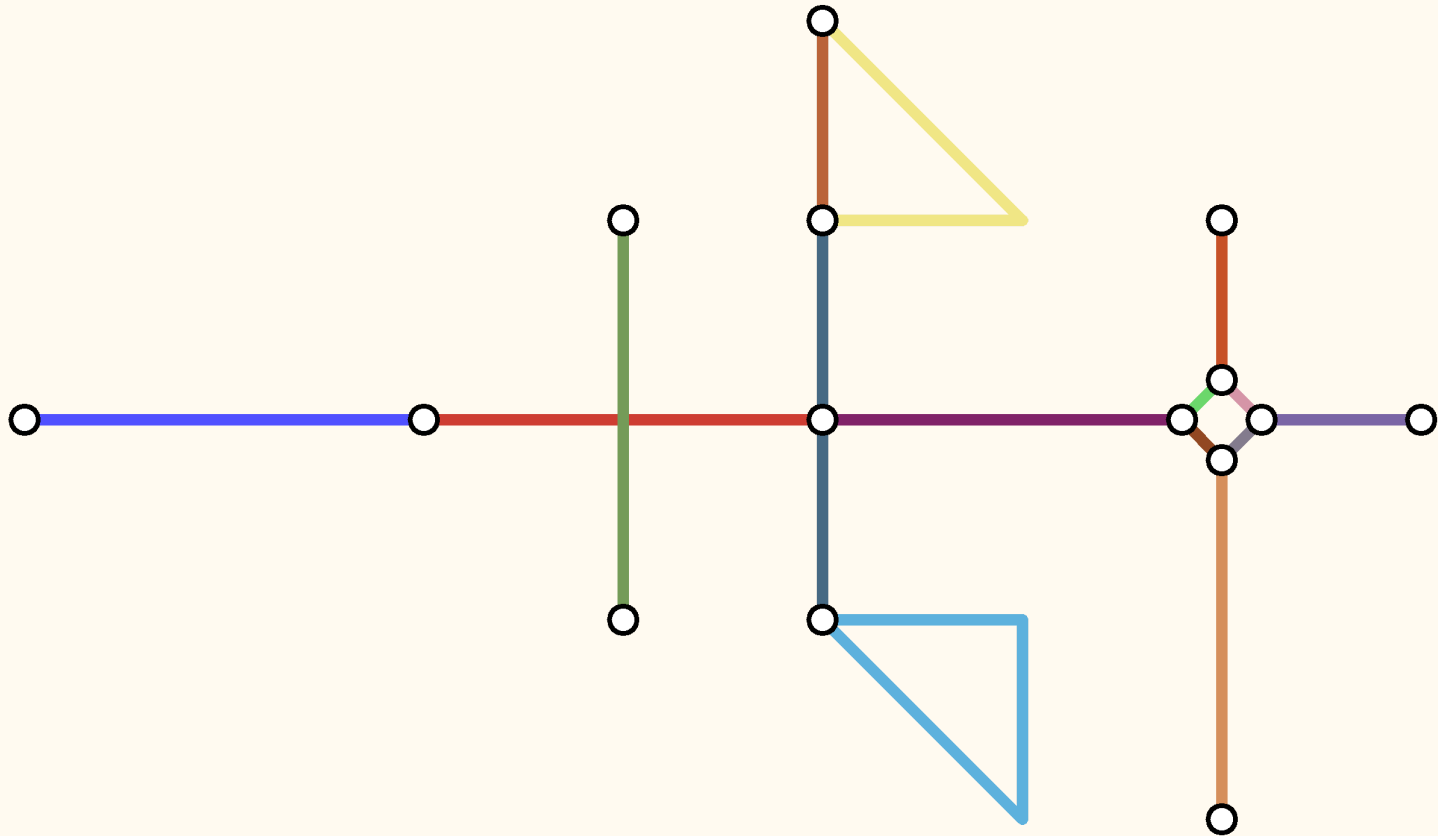
sf

tidygraph

sfnetworks

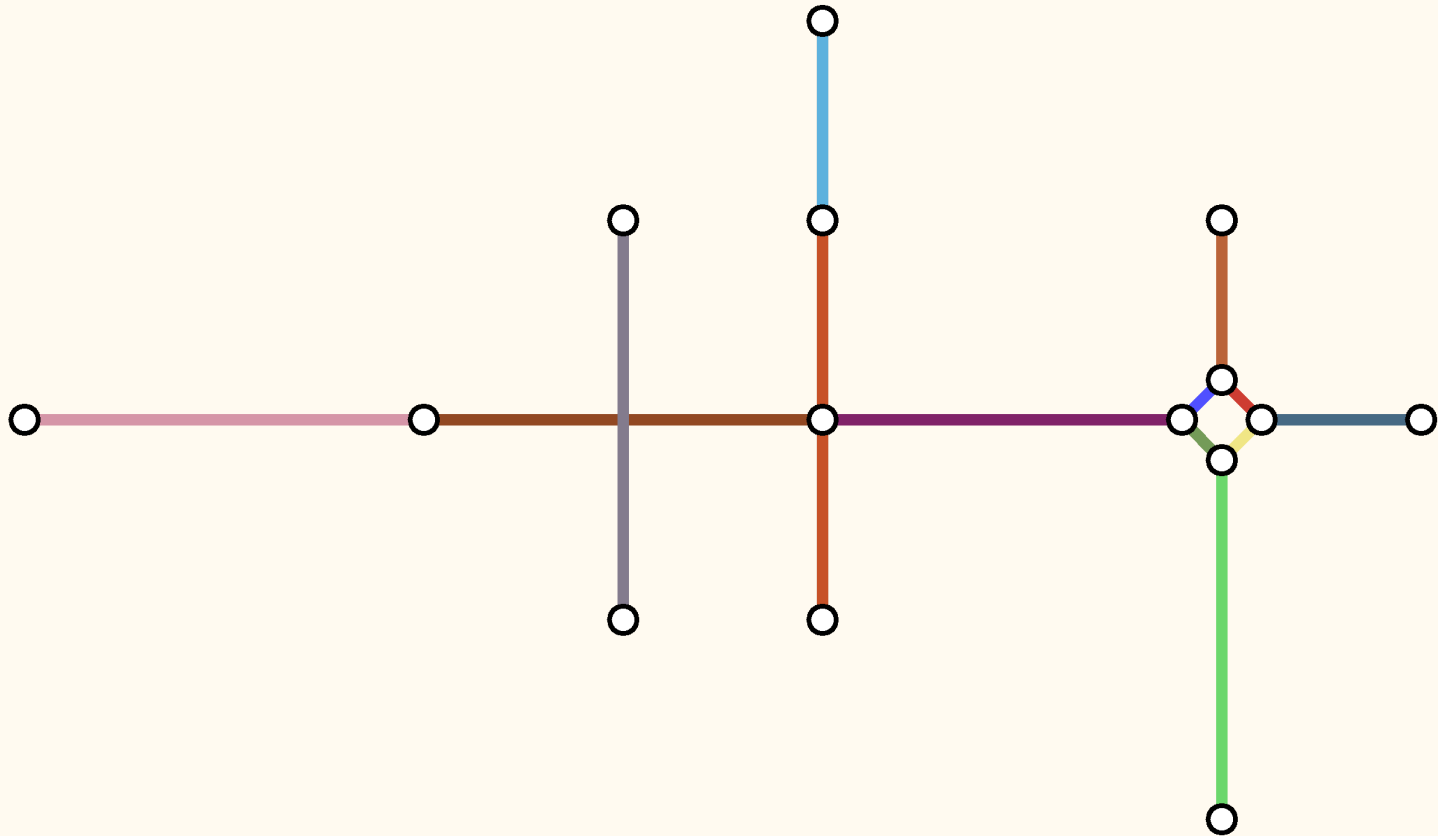# From sf linestrings...
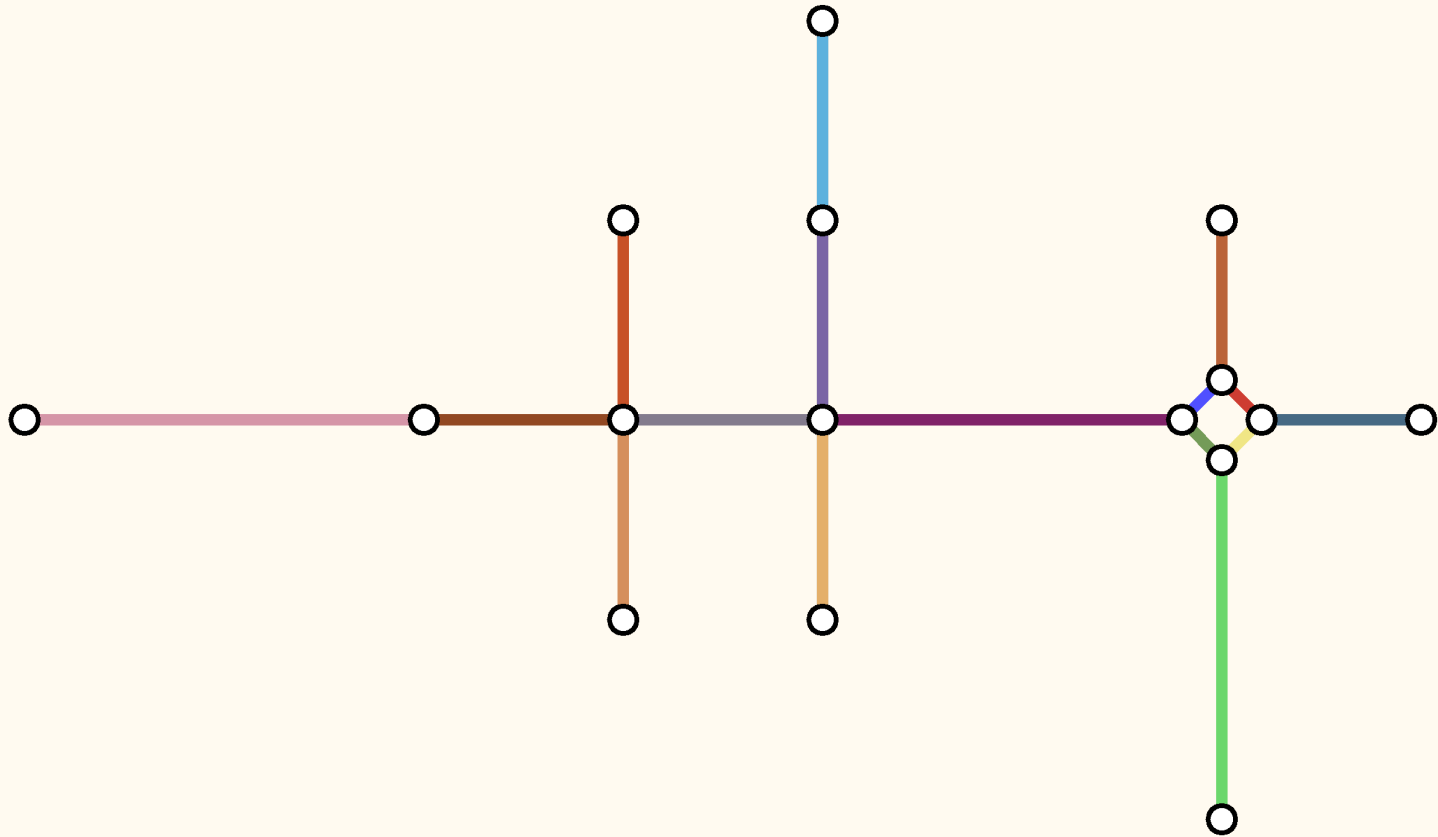
To network representations!

Network cleaning
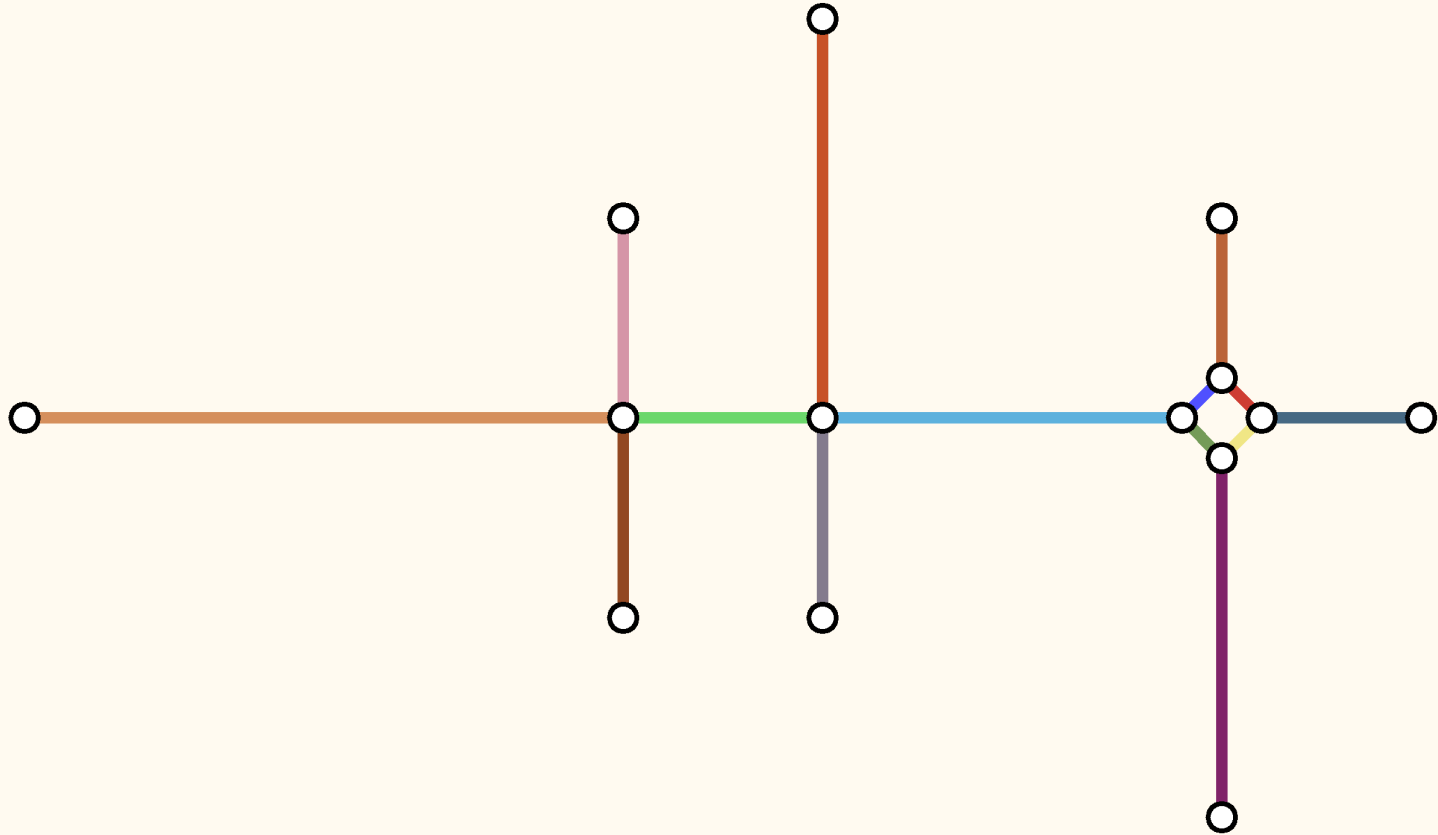
Initial network

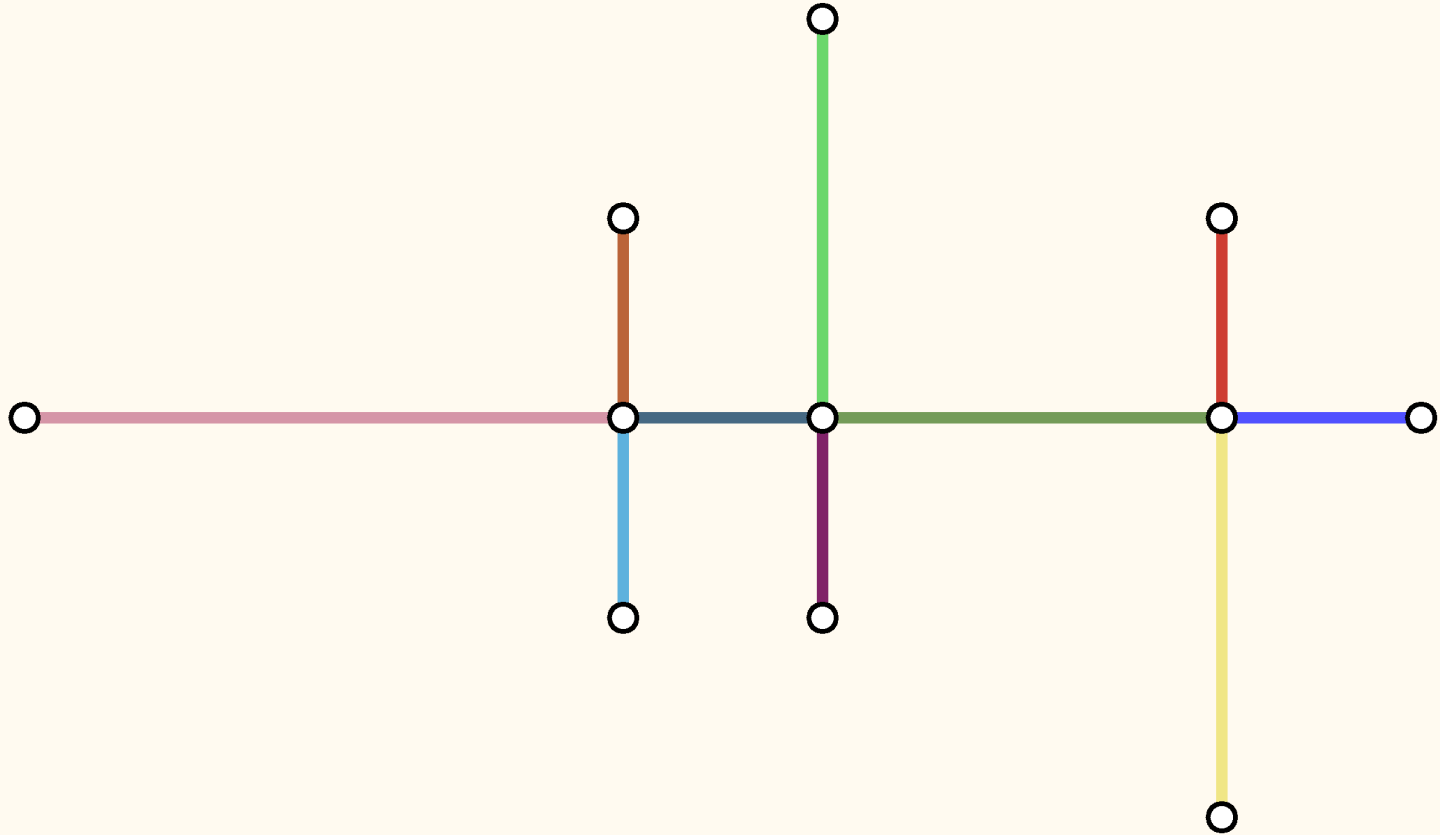# Simplifying edges

Subdividing edges
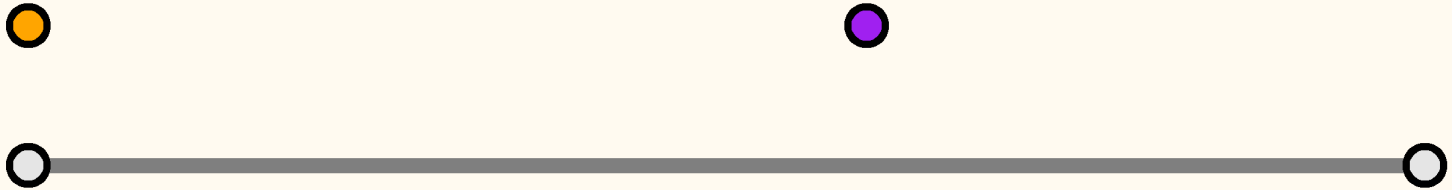
Removing pseudo-nodes
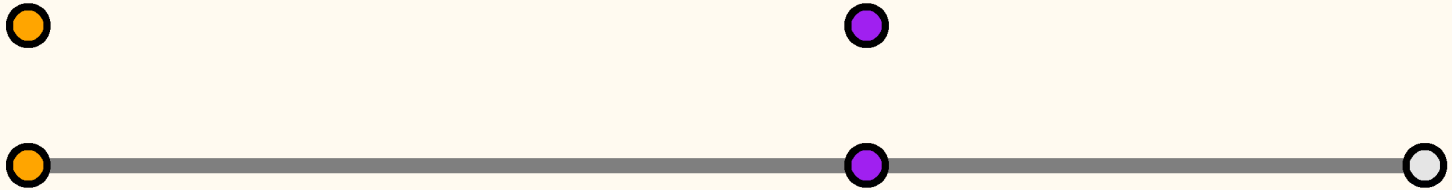
Simplifying intersections

Spatial joins

Blending points into a network

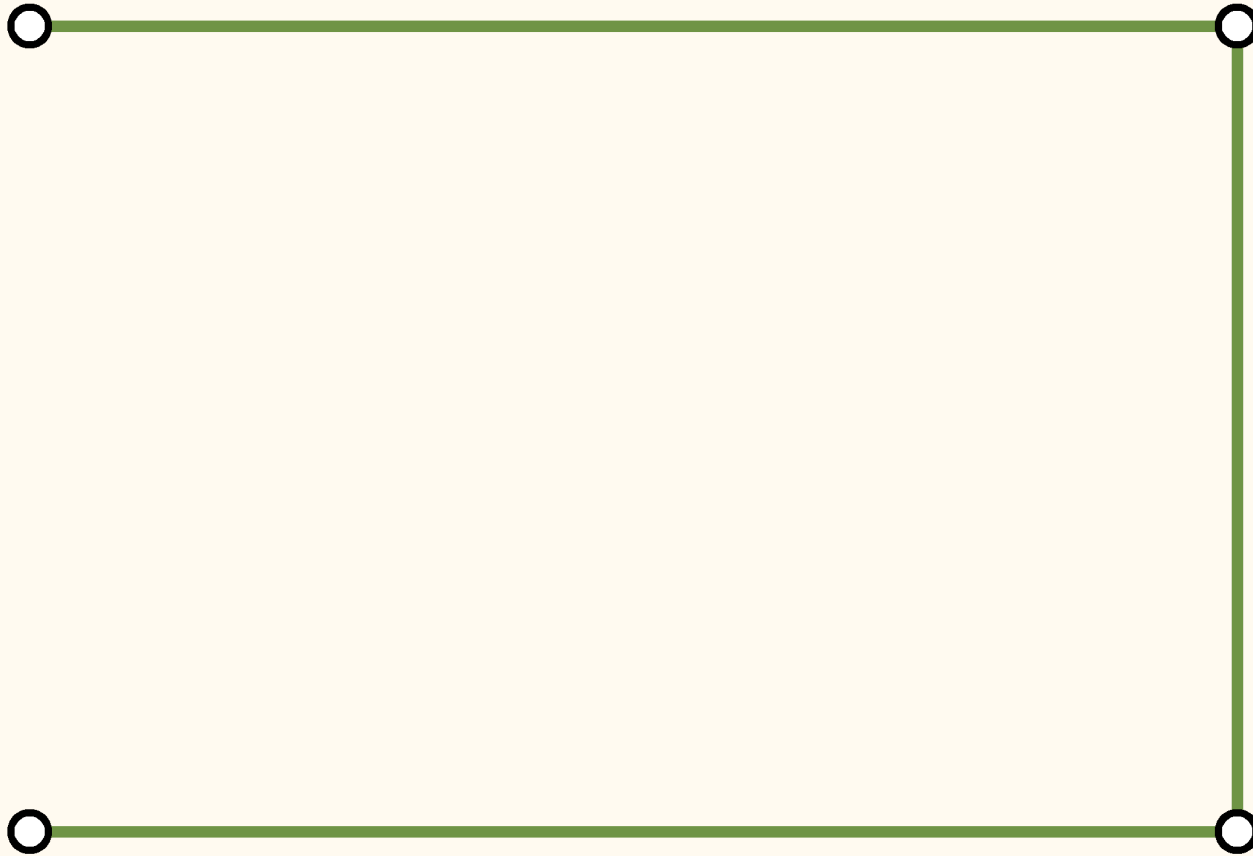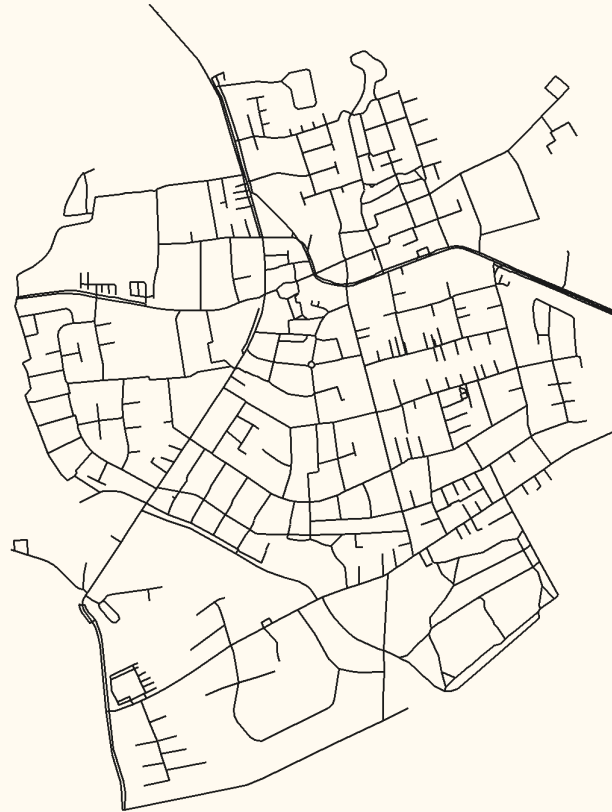# Blending points into a network

Joining two networks
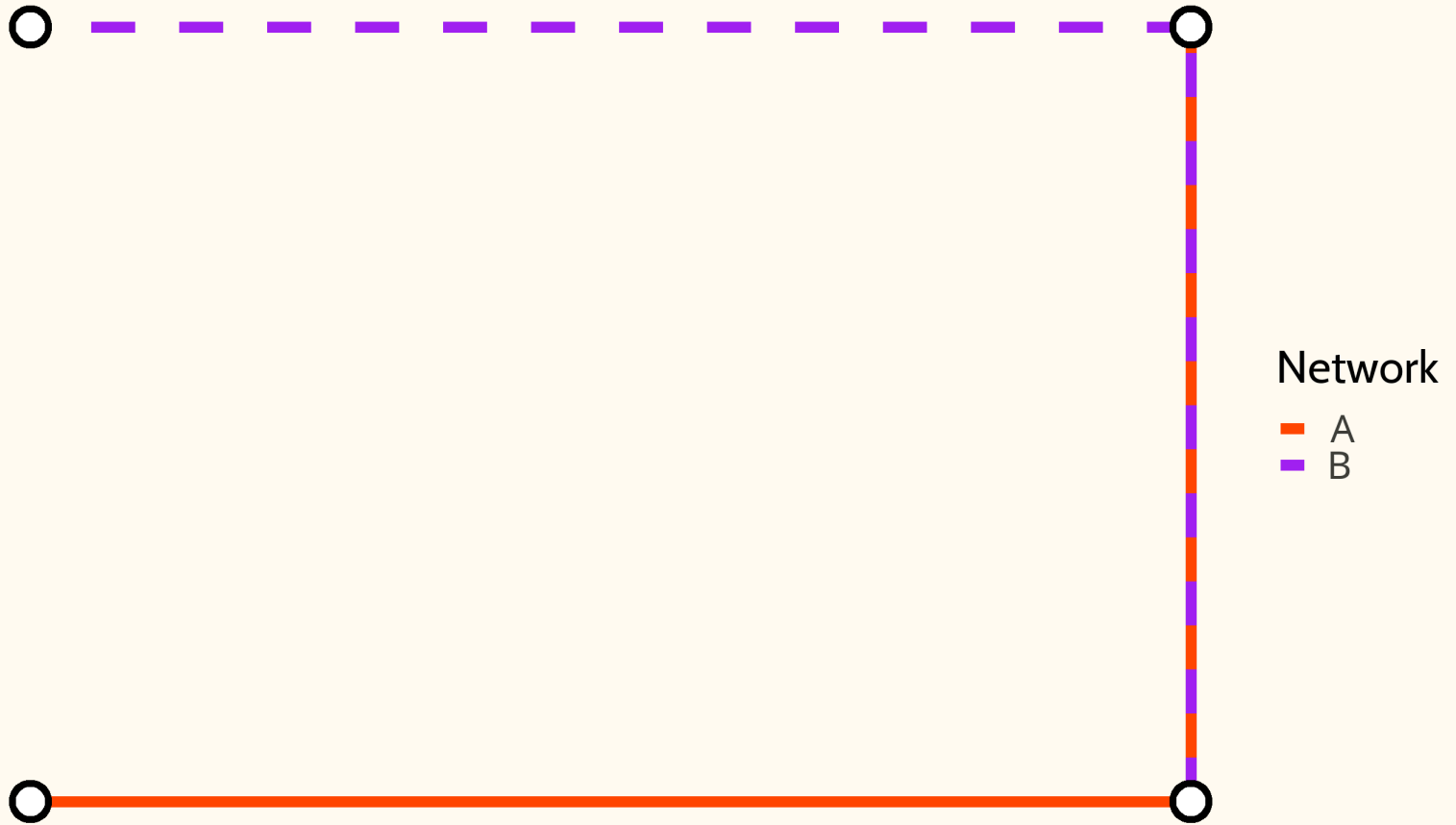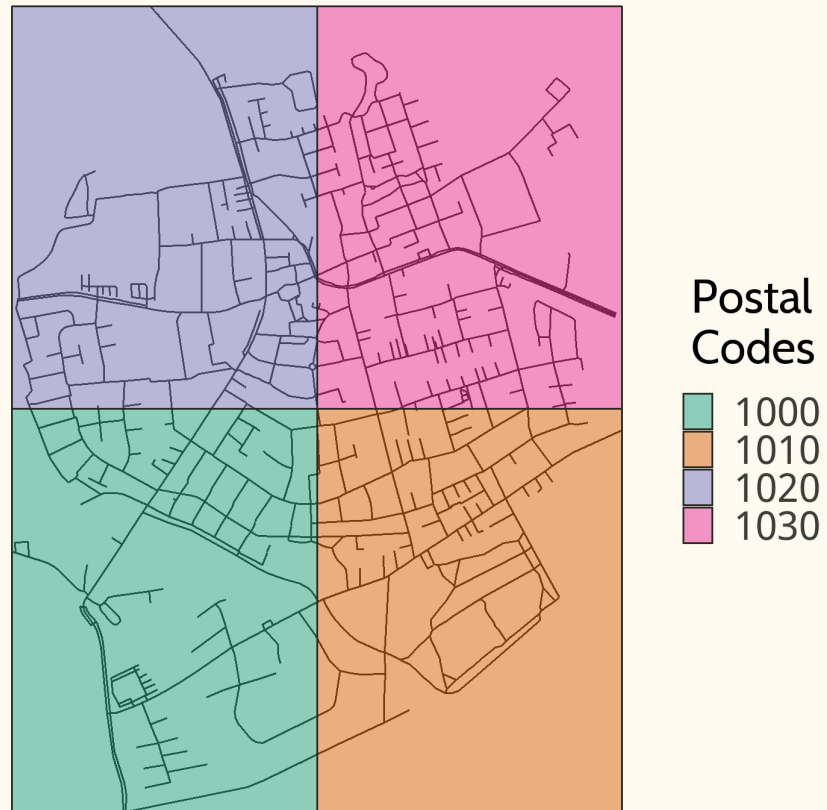

Network
- A
- B

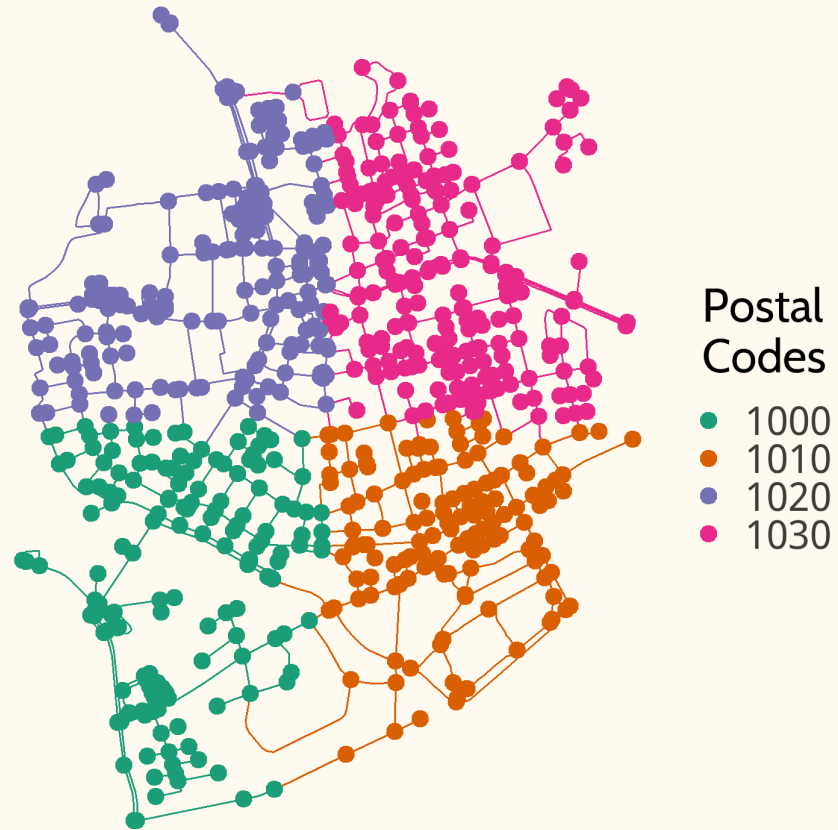# Joining two networks

Network

■ C

Joining spatial information
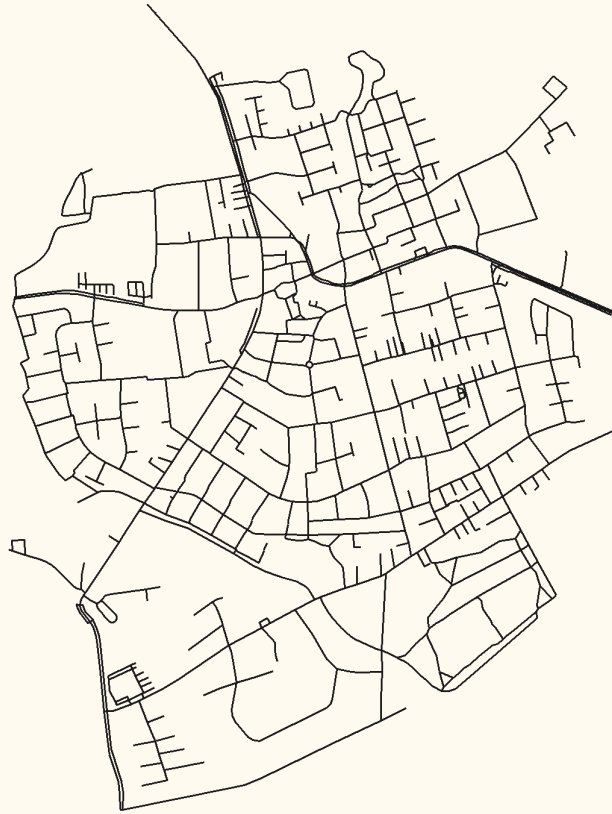
Joining spatial information
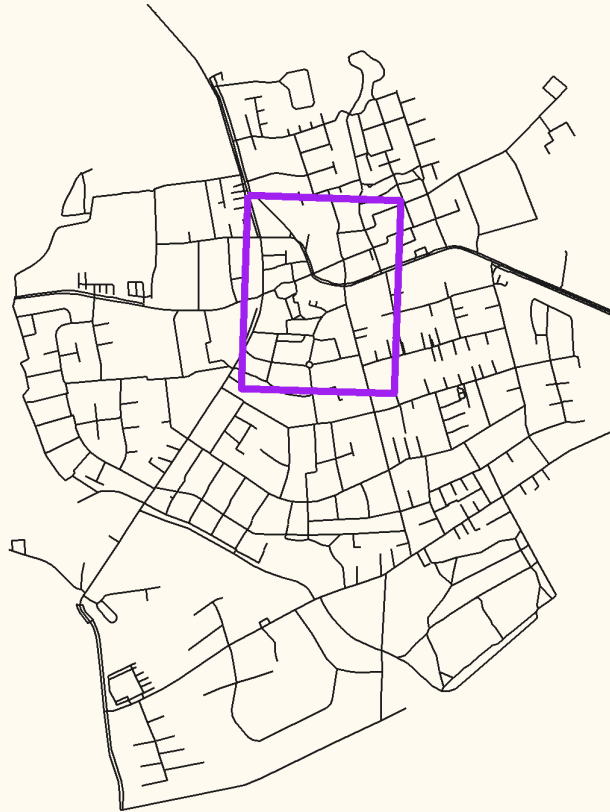
Joining spatial information
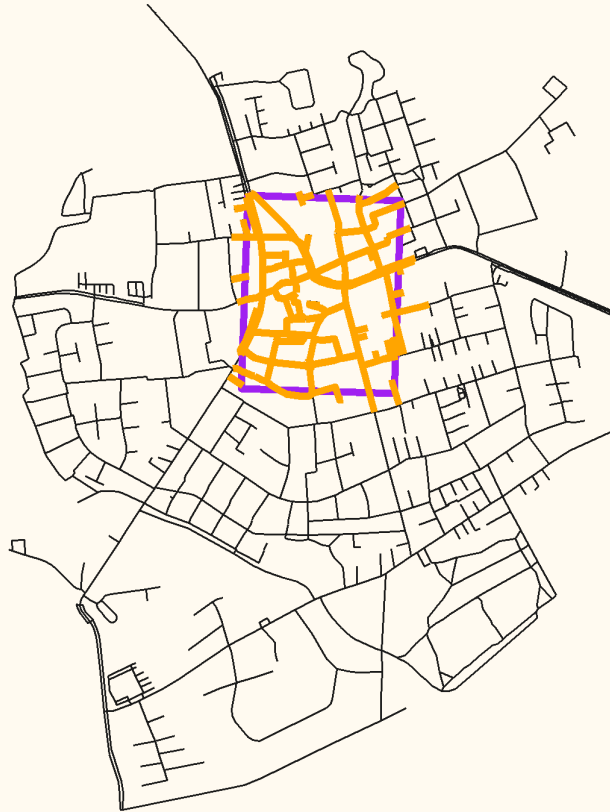
Spatial filters

Filtering by spatial predicates

Filtering by spatial predicates
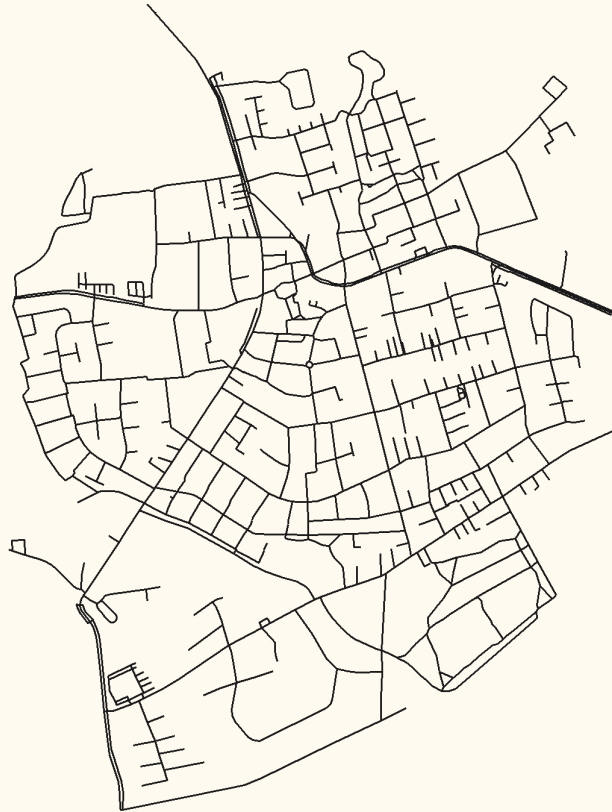
Filtering by spatial predicates

Filtering by spatial predicates

Routing applications
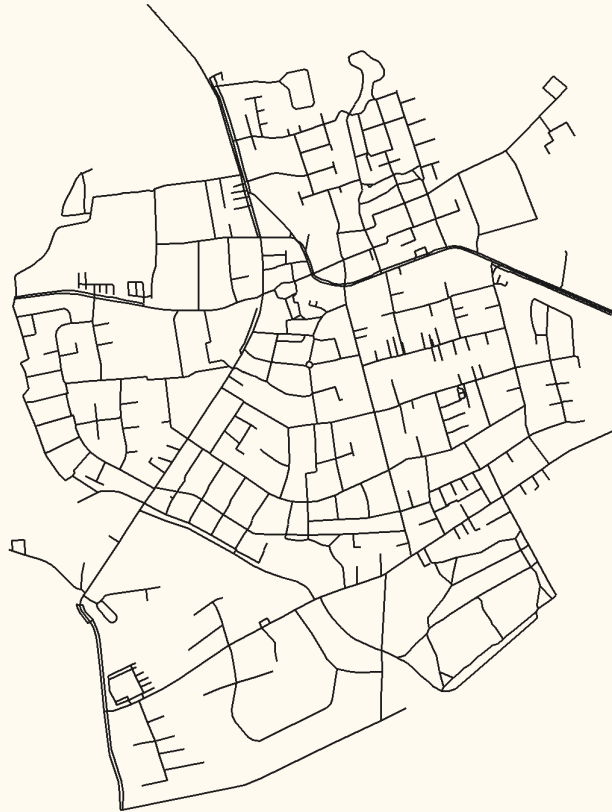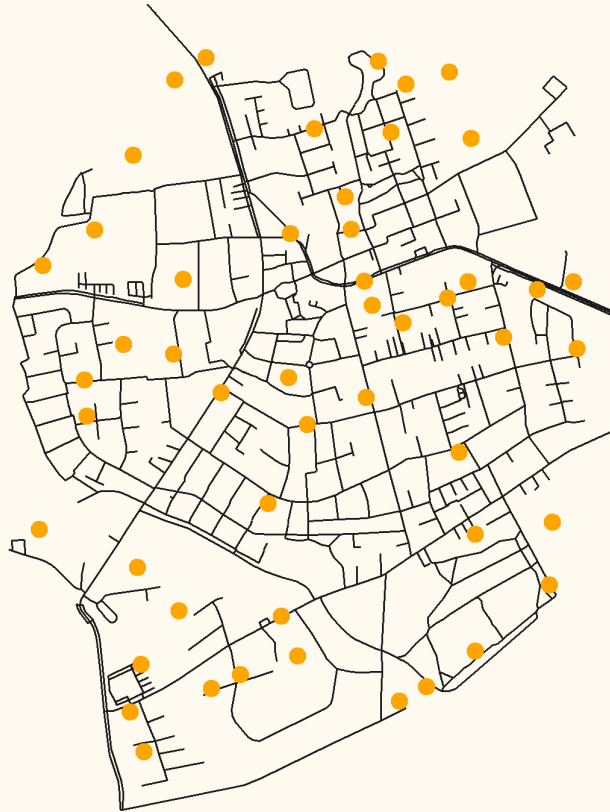
Shortest path calculations

Shortest path calculations
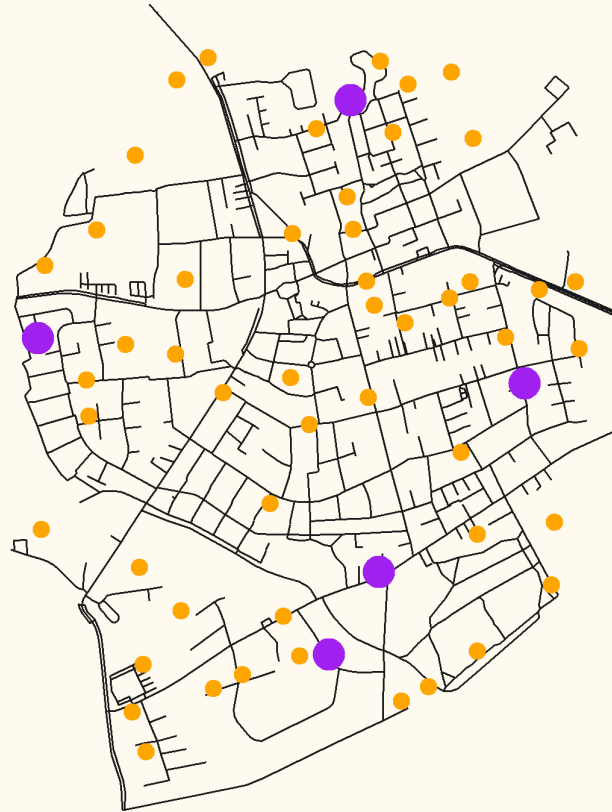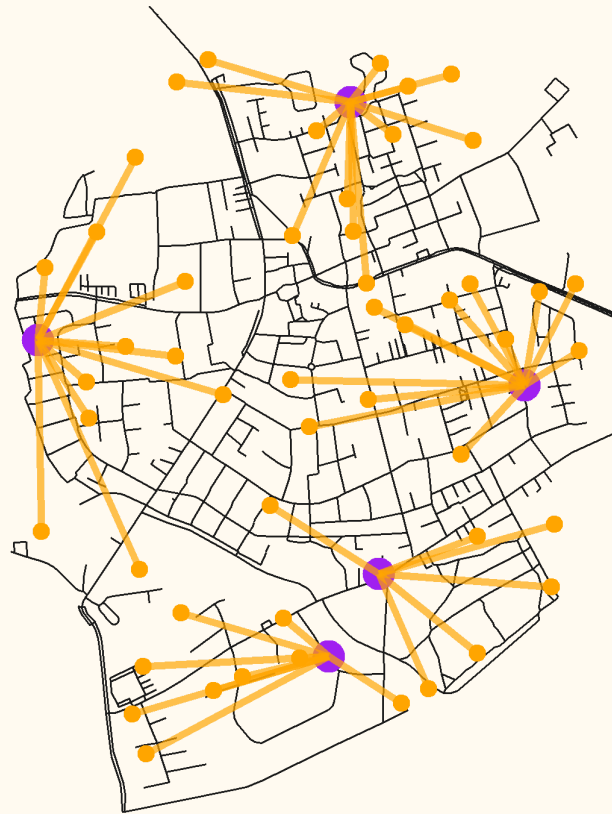
Shortest path calculations

Closest facility analysis
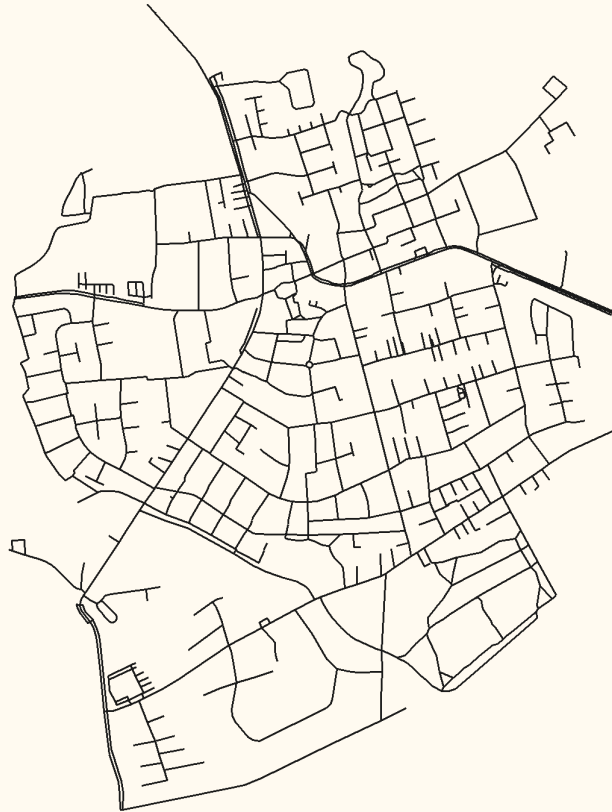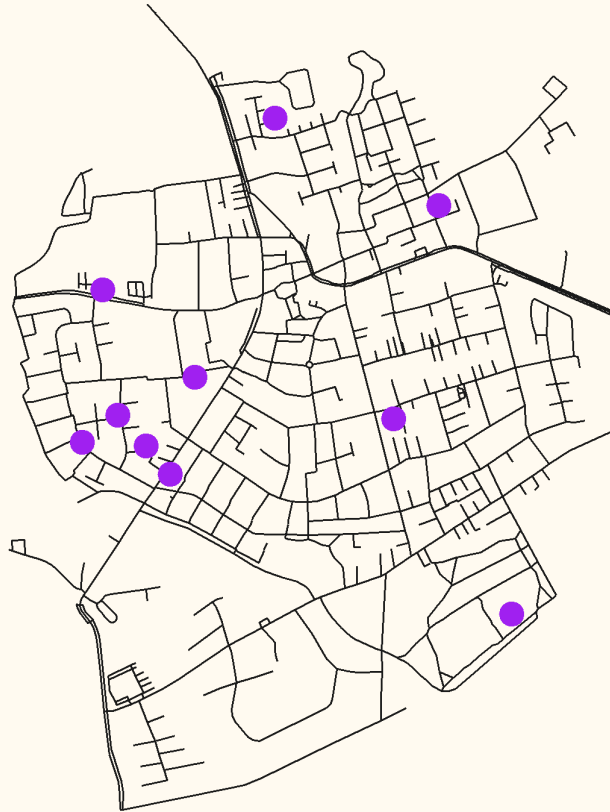
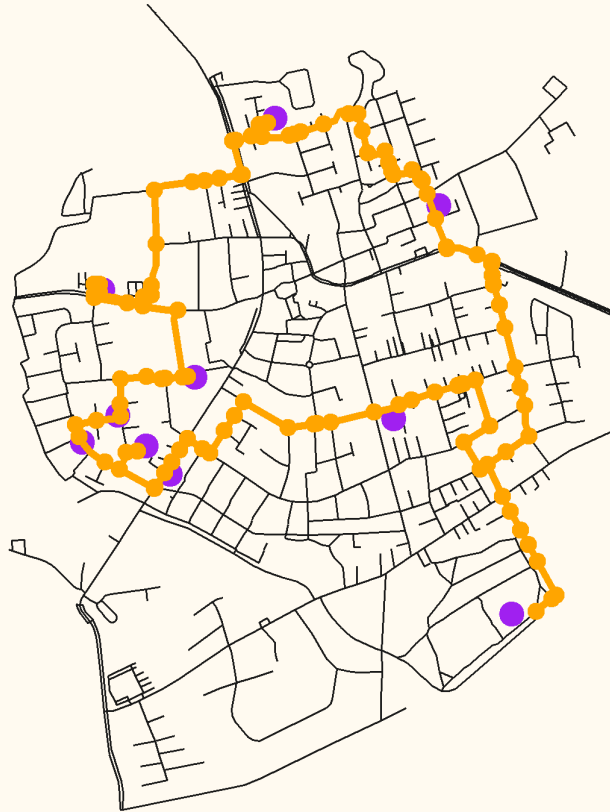# Closest facility analysis

Closest facility analysis

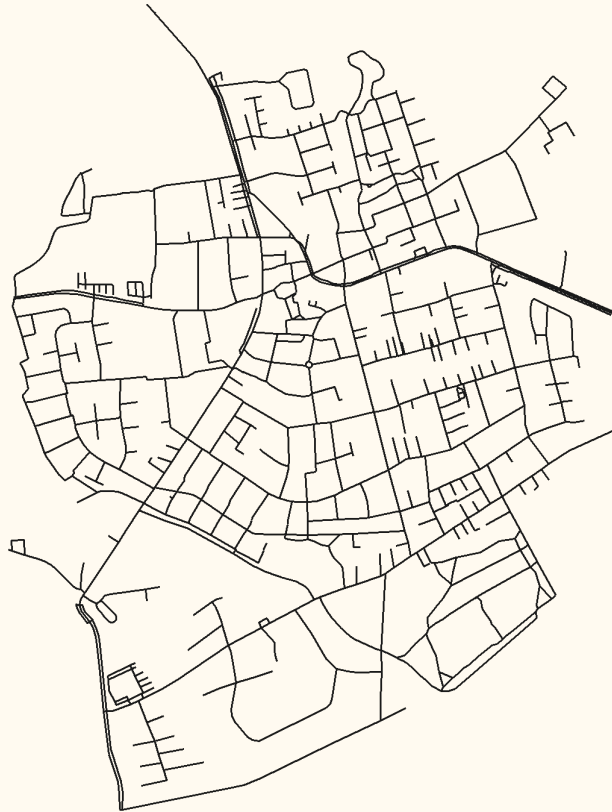# Closest facility analysis

Route optimization
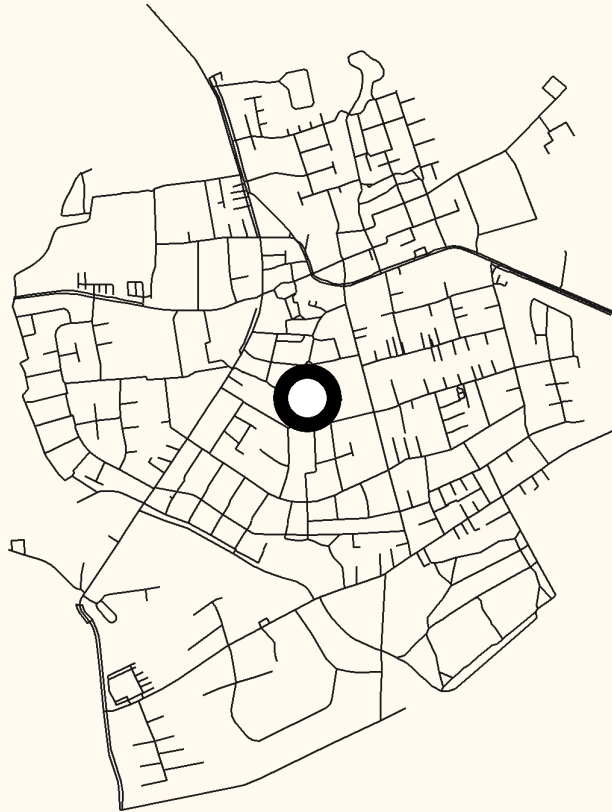
Route optimization

Route optimization

Spatial neighborhoods

Spatial neighborhoods

Spatial neighborhoods

Find out more at:

https://luukvdmeer.github.io/sfnetworks/