

## Software Lab:

Modeling: ★★☆☆☆  
Mathematics: ★★☆☆☆  
Programming: ★★☆☆☆

# Visualizing Massive Origin-Destination Flows

## Setting

Visualizing origin-destination flows is one of the most difficult visualization task.

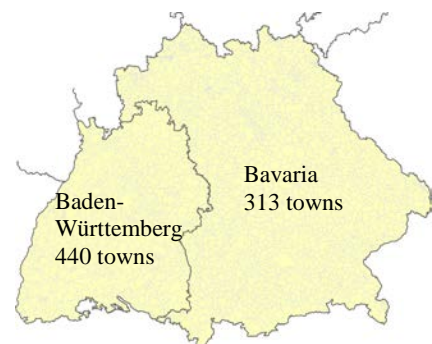
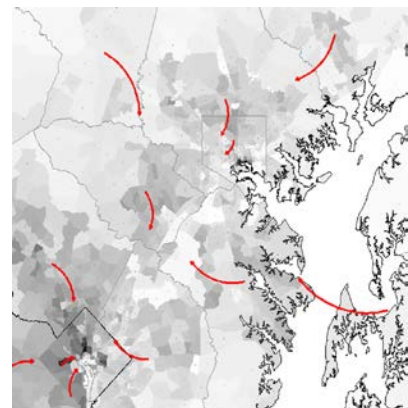
Few origin-destination pairs (such as flight paths) can be visualized with arrows, but many origin-destination pairs require different approaches.



Source: <http://www.aaronkoblin.com/work/flightpatterns/>

## Task

- Create an easily accessible database of commute trips in the two states of Bavaria and Baden-Württemberg
- Create a tool that allows selecting subsets of origin-destination flows
- Develop concepts for arrows, lines, points and color schemes to best visualize origin-destination flows
- The tool will be open source and provide a user interface



## Supervisors

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