

# PODiGG

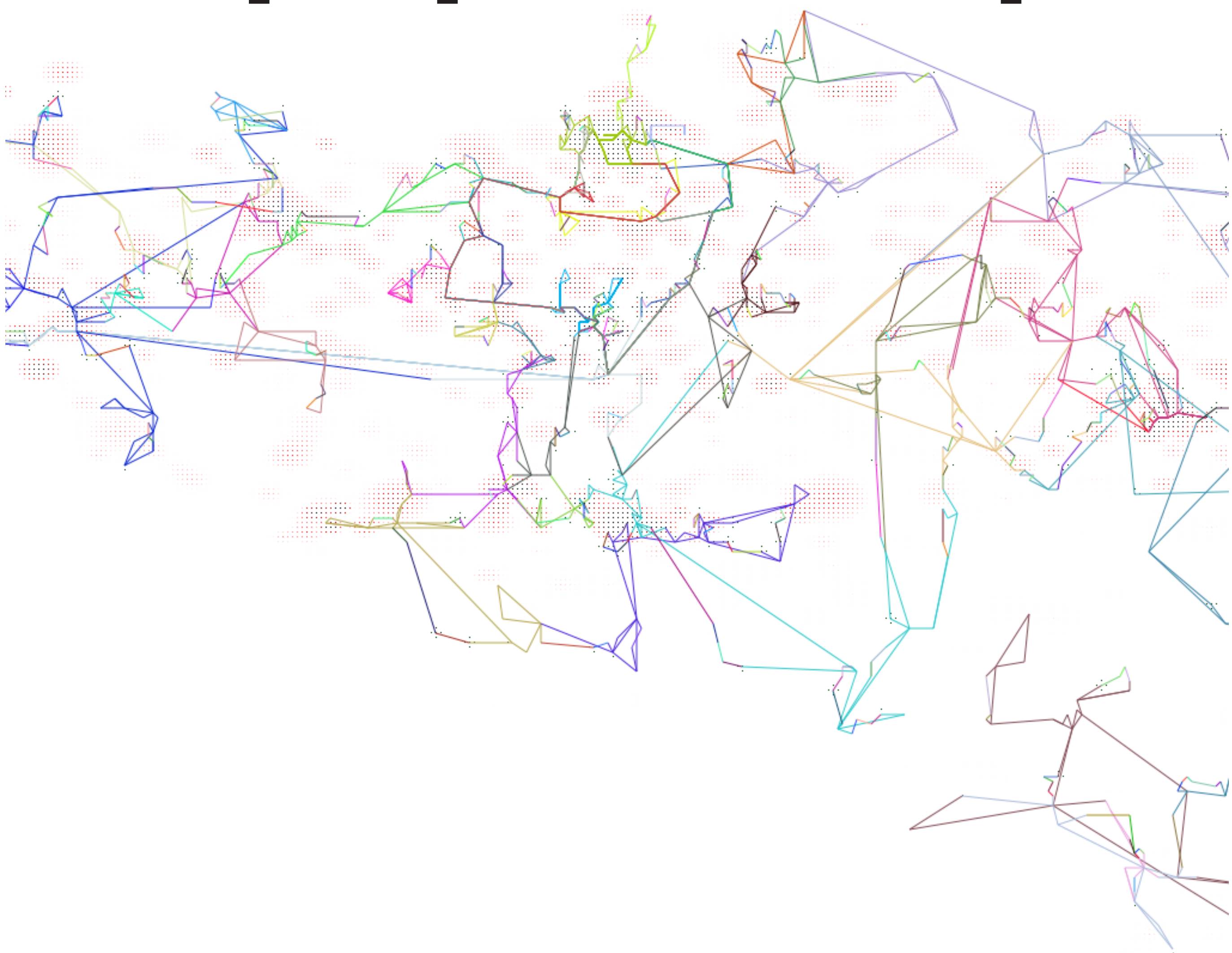
## Public Transport Dataset Generator based on Population Distributions

**Public transport** is a great source of **geospatial** and **temporal** information.

For more flexibility in datasets (e.g. benchmarking) a synthetic dataset generator is needed.

*Flexibility in dataset size, network density, number of stops, ...*

**Correlation between population distributions and properties of public transport networks**



**Generator phases:**

Position **stops**

Connect stops with **edges**

Create synthetic **routes**

Instantiate timely **trips**

Serialize to **GTFS** or **RDF**

 `git clone https://github.com/PoDiGG/podigg.git`

 `npm install -g podigg`

 `docker pull podigg/podigg`

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