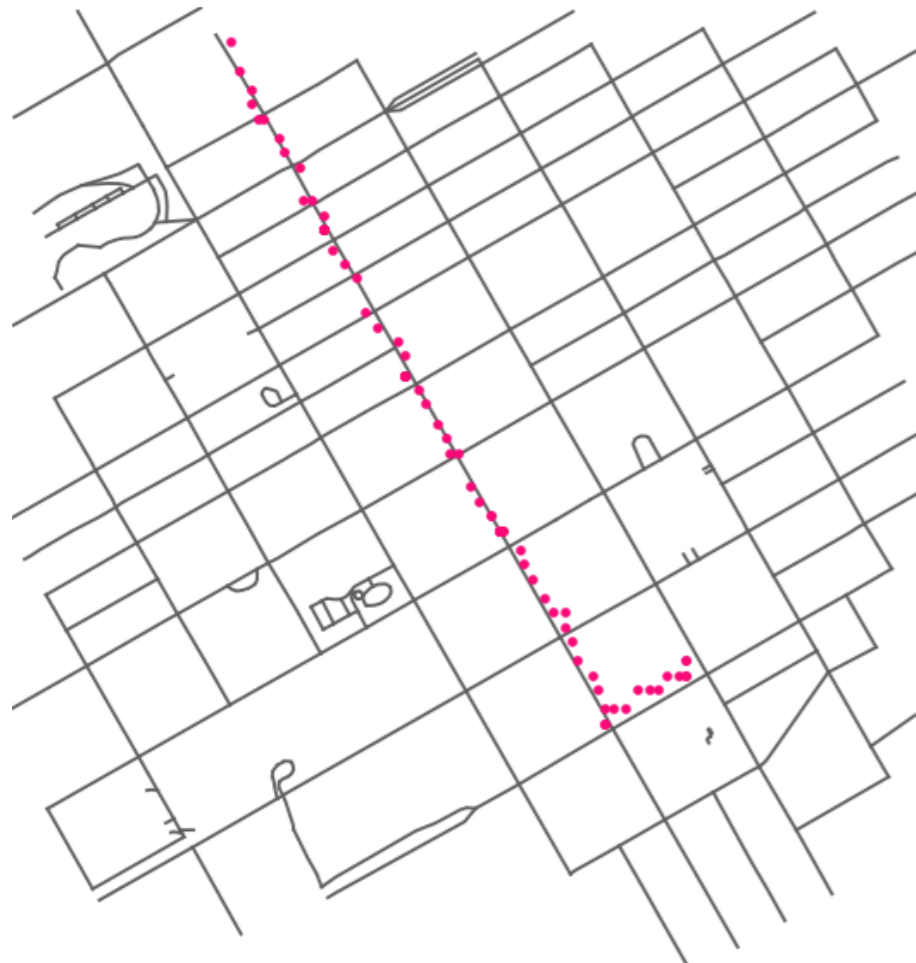
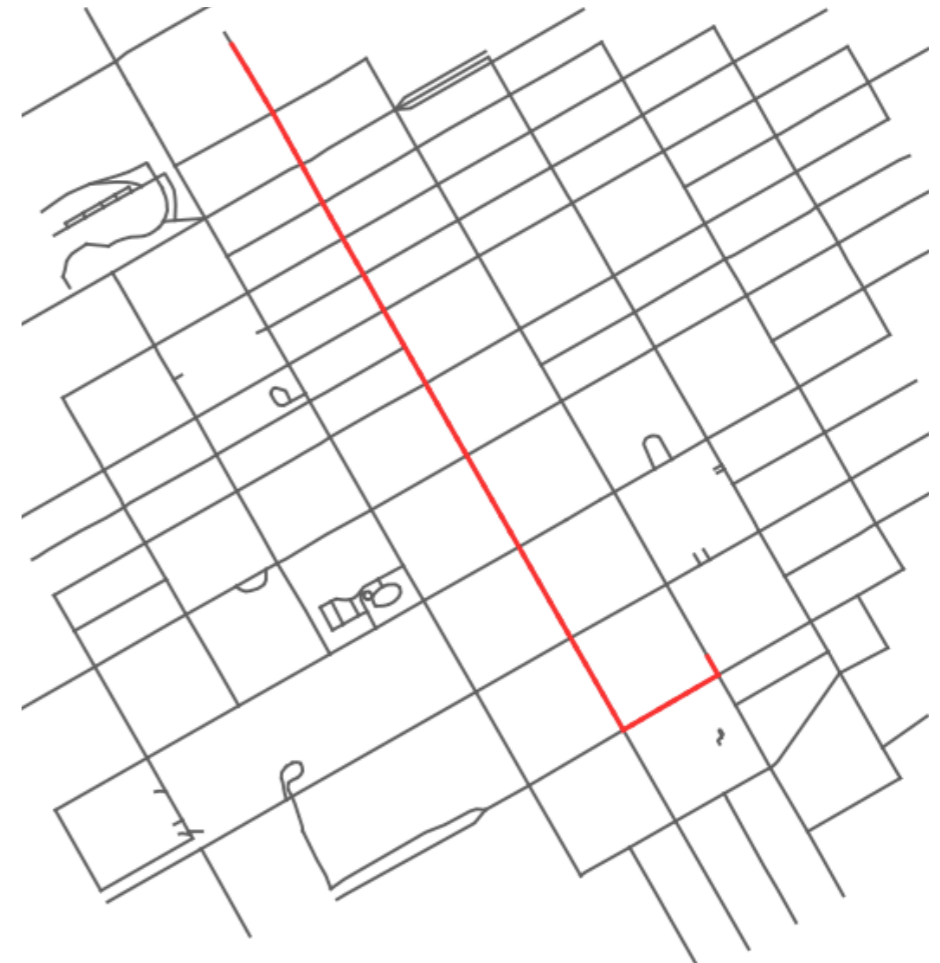


Abgleich einer Trajektorie mit einem Straßennetz in QGIS

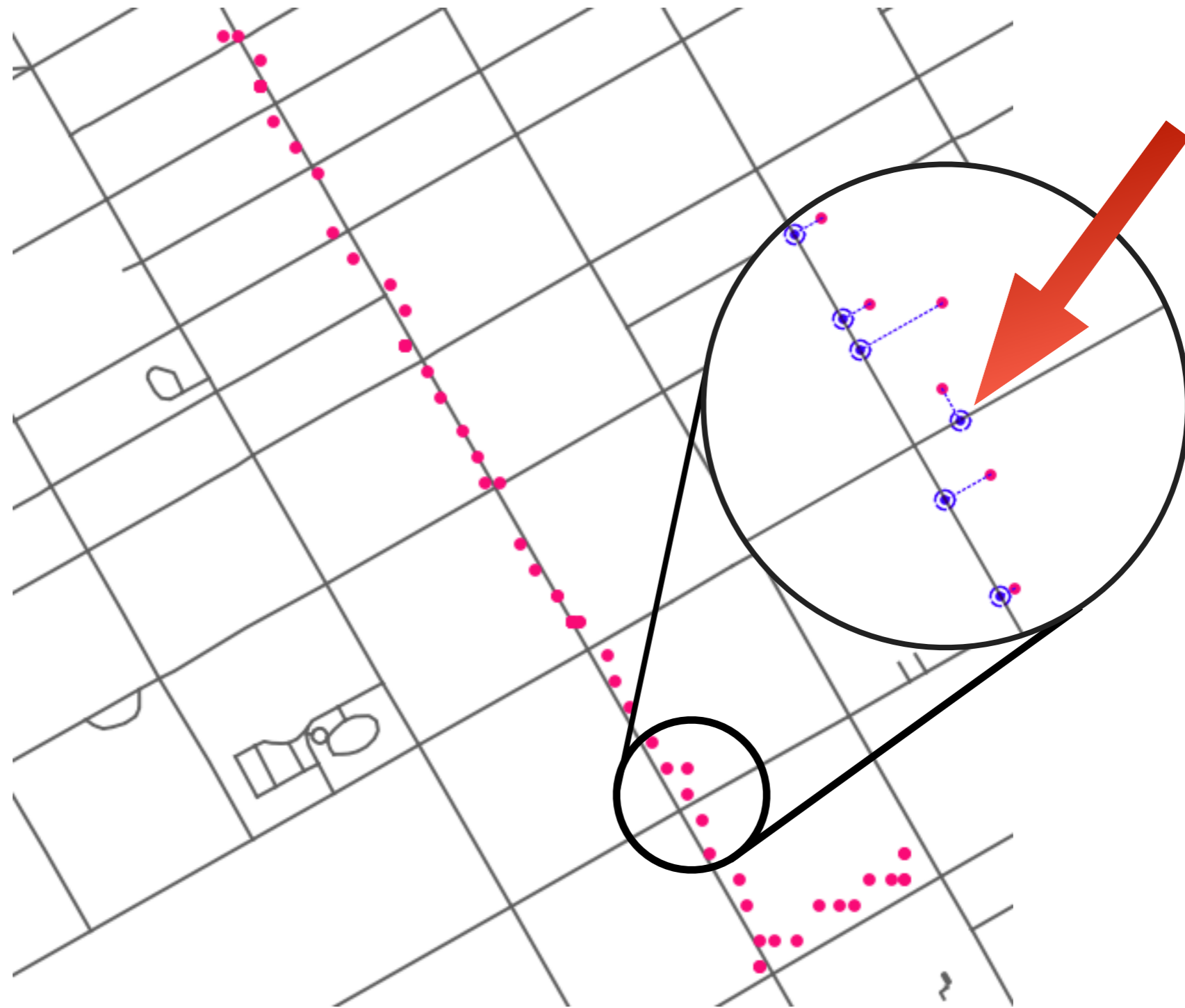
Christoph Jung, GIS Day 2019, Potsdam



— Straße • Trajektorie



— Straße — matched trajectory



— Straße • Trajektorie

Hidden Markov Map Matching Through Noise and Sparseness

Paul Newson and John Krumm

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+1 425 705 4507, +1 425 703 8283

{pnewson, jckrumm}@microsoft.com

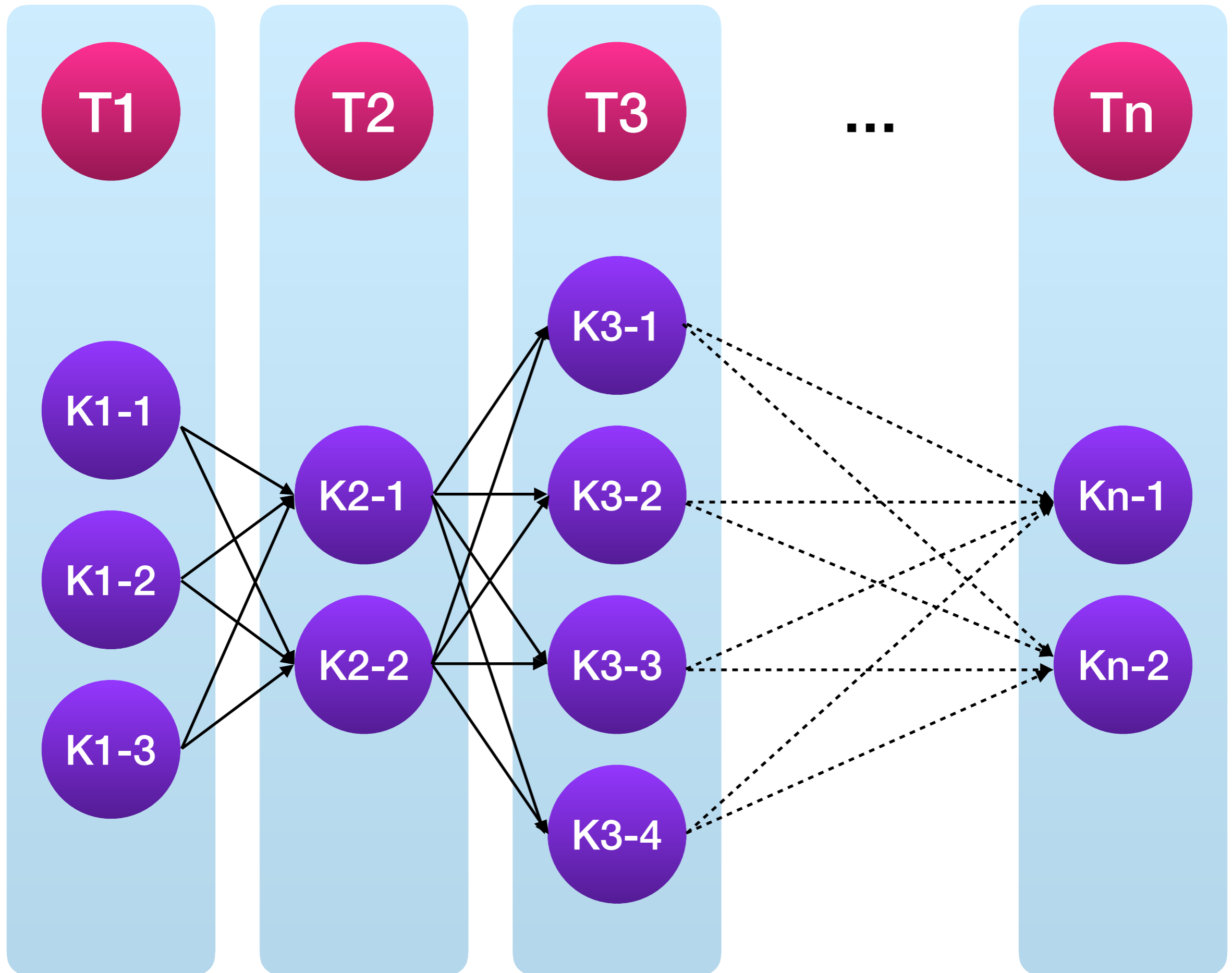
ABSTRACT

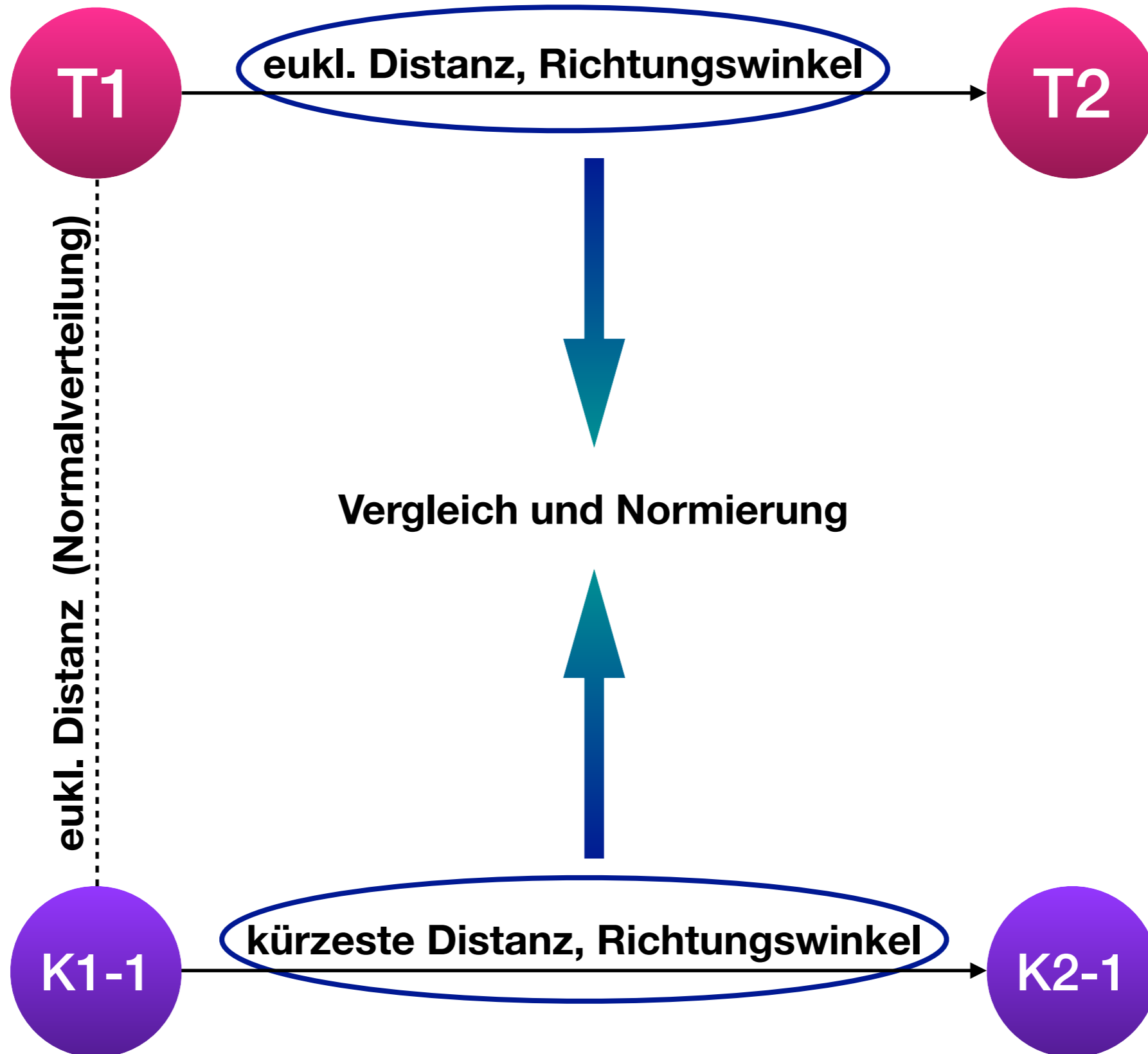
The problem of matching measured latitude/longitude points to roads is becoming increasingly important. This paper describes a novel, principled map matching algorithm that uses a Hidden Markov Model (HMM) to find the most likely road route

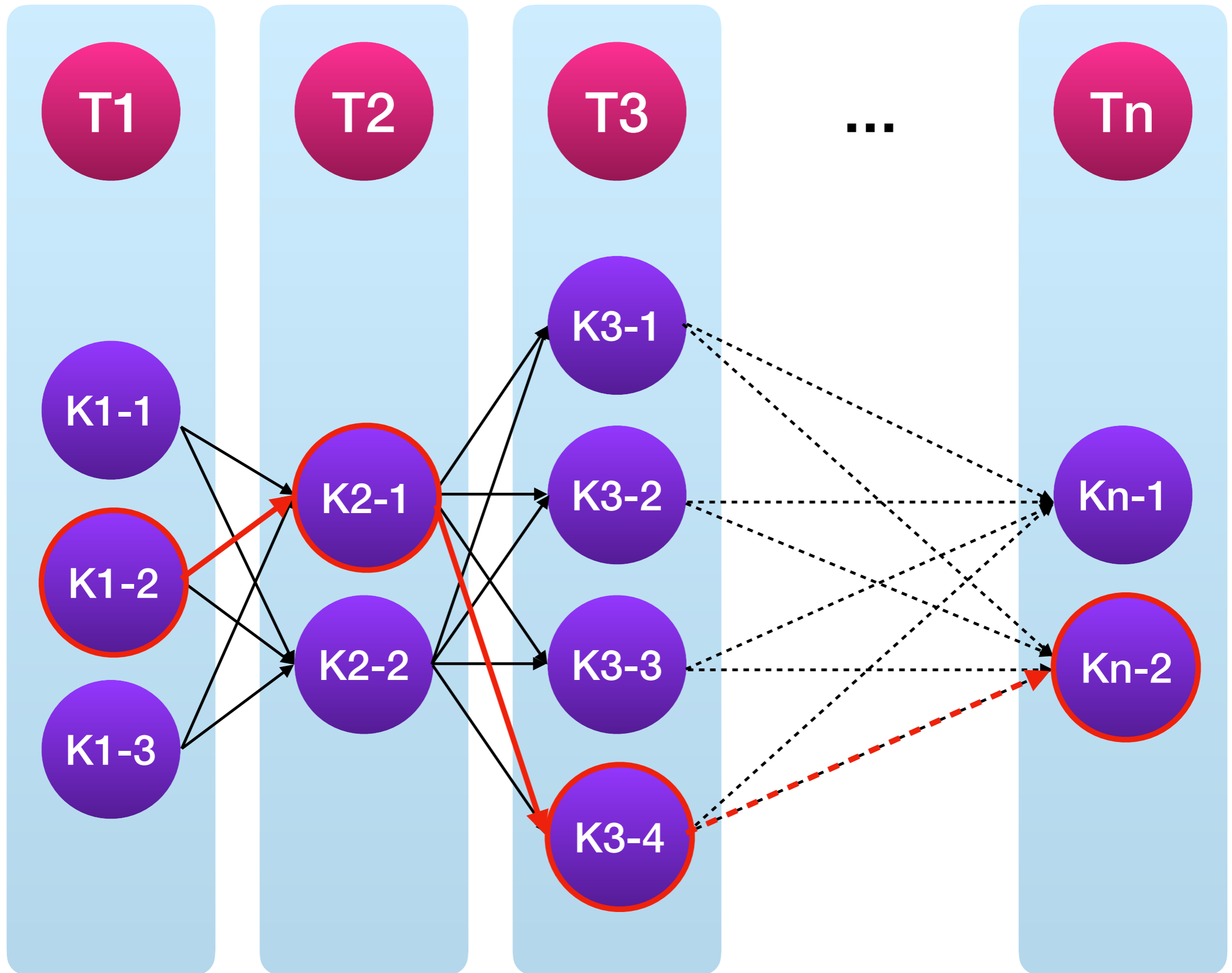


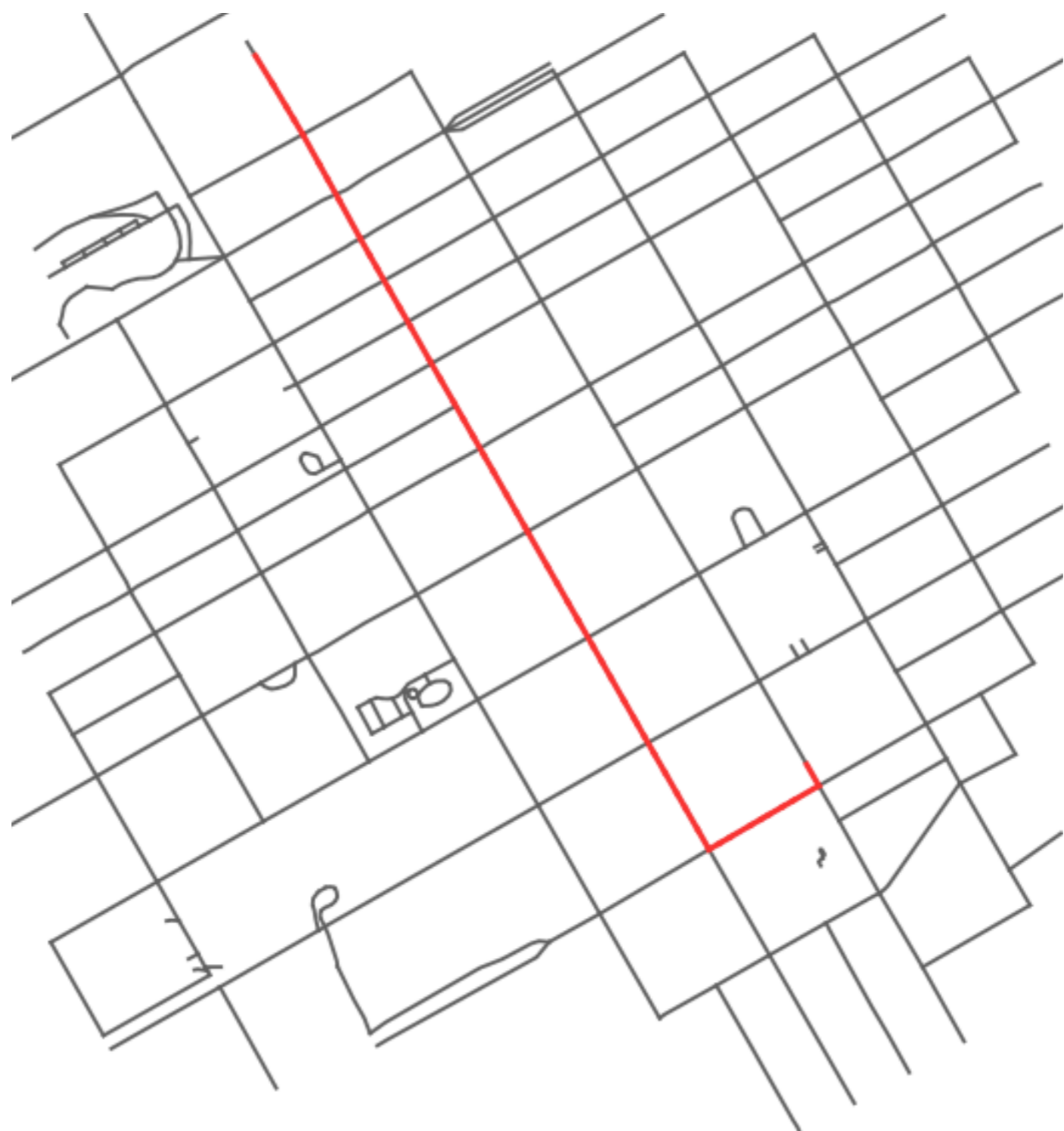
Uber











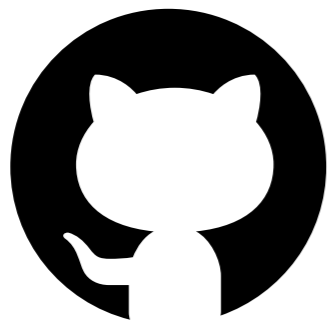
— Straße — matched trajectory



einfache Installation

langsame Laufzeit

Notwendigkeit für Algorithmen zur Vorprozessierung



<https://github.com/jagodki/Offline-MapMatching>



<https://plugins.qgis.org/plugins/Offline-MapMatching>

agit

https://gispoint.de/fileadmin/user_upload/paper_gis_open/AGIT_2019/537669014.pdf

Vorführung des Plugins