# Highlights

* Define a non-perturbative online algorithm for sanitization of trajectory data by swapping segments.
* Formalize the concept of sufficient sanitizer and prove that the proposed algorithm is a sufficient sanitizer for statistcs related to traffic engineering and transportation planning.
* Develop applications that preserve Origin-Destination matrices while providing additional privacy.
* Test the algorithms on a large real-world dataset from 10,357 taxi drivers in Beijing during one week.