

## Mobility and GNSS-route Data from a Smartphone App-based Travel Survey from Berlin and Dresden (Städte in Bewegung 2025)

With "Städte in Bewegung: Understanding mobility – Shaping the future", the research team at the Chair of Mobility System Planning (MSP) at TUD Dresden University of Technology aimed to better understand current mobility trends among people in Berlin and Dresden.

Participants were mainly recruited via a probability sample from the cities' population registers by sending out letters by post. In addition, there was an open sample, in which participants mainly joined the data collection via advertisement on social media.

Travel behavior was collected as part of the DFG-funded "Research Training Group 2947" using the smartphone app "StiB: Städte in Bewegung" (Cities in Motion, also referred to as StiB-app), which was developed specifically for the research project. The app was programmed by the German software company motiontag GmbH.

Thanks to the BMBF-funded research project "DDtrust-scale", a subset of the collected data is available for non-commercial scientific reuse in the areas of mobility research, urban and transport planning, and geoinformation upon authorized request. Given the fact that the datasets contain personal data, only authorized research institutions in Germany can be granted full access. More information on data request can be found at <https://dd-trust.zih.tu-dresden.de/msp-main/> (German).

Datasets can be provided as SAV or CSV files, collectively forming the StiB database of persons and their travel behavior, based in the cities of Berlin and Dresden, who have given their broad consent for scientific data reuse of pseudonymized data—referred to as the StiB Broad Consent Database. The database is hierarchical and consists of four interconnectable levels.

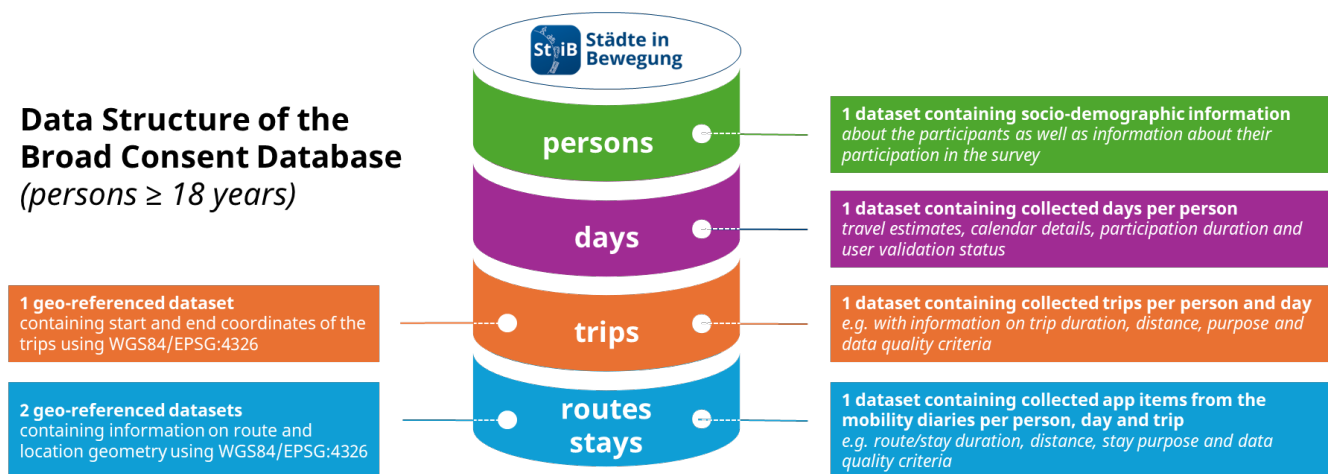


Figure 1 Schematic overview of the StiB Broad Consent Database Structure

Fictional test data, including geo-references, can be downloaded here on OPARA. Please note that these were generated for illustrative purposes and should therefore be used for guidance only.