

# Choice-specific attributes by individual

2024 / Tohoku

## Overview

This dataset contains individual-level choice-specific explanatory variables for disaster victims, recorded across time and alternative cities. Each row represents the attributes of a given city as an alternative for a specific individual (individual\_id) in a particular year (time). It includes geographical and socio-economic attributes such as population density, commuting costs, and presence of relatives.

## License

Use is permitted only for the 2025 Summer Course on Behavior Modeling in Transportation Networks.

## Data Column Specification

Column Name	Data Type	Description
individual_id	Int64	Unique identifier for the individual
time	Int64	Observation year (Gregorian calendar)
city	Int64	Identifier for the alternative city
density	Float64	Residential density in the city's habitable area (normalized)
distance_array	Float64	Distance from current residence to the city (normalized)
man_commute	Float64	Distance from the city to the male household member's workplace (normalized)
woman_commute	Float64	Distance from the city to the female household member's workplace (normalized)
man_family	Float64	Presence or proximity of male household member's relatives in the city
woman_family	Float64	Presence or proximity of female household member's relatives in the city

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## Hash Value

fabde83b3dbb19bb1a012fa2d7697d05310d2b39e47eba3d3b931a48e3518a185

Last Updated : 2025-09-21 17:49:22

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