

Initial state of the individual (disaster-affected)

2024 / Tohoku

Overview

This dataset represents the initial state of each individual at the start of observation, including demographic, socio-economic, and locational attributes such as gender, age, marital status, number of children, disaster experience, and initial place of residence. Some values are normalized, while education and employment type are expressed as binary indicators.

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Data Column Specification

Column Name	Data Type	Description
no	Int64	Record number (row index in the dataset)
gender	Int64	Gender (1 = male, 0 = female)
age	Float64	Age (normalized between 0 and 1)
married	Int64	Marital status at the initial observation (1 = married, 0 = unmarried)
child_num	Int64	Number of children at the initial observation (integer or normalized value)
disaster	Int64	Disaster experience indicator (1 = affected by disaster, 0 = not affected)
individual_id	Int64	Unique identifier for the individual
transformed_income	Float64	Annual household income (normalized or transformed value)
man_permanent	Int64	Employment type of the male household member (1 = permanent, 0 = non-permanent)

Column Name	Data Type	Description
woman_permanent	Int64	Employment type of the female household member (1 = permanent, 0 = non-permanent)
man_univ_grad	Int64	Education level of the male household member (1 = university graduate, 0 = otherwise)
woman_univ_grad	Int64	Education level of the female household member (1 = university graduate, 0 = otherwise)
Sendai	Int64	Initial residence in Sendai City (1 = yes, 0 = no)
Iwate	Int64	Initial residence in Iwate Prefecture (1 = yes, 0 = no)
Miyagi	Int64	Initial residence in Miyagi Prefecture (excluding Sendai) (1 = yes, 0 = no)
Fukushima	Int64	Initial residence in Fukushima Prefecture (1 = yes, 0 = no)

Hash Value

56ed62e949505d10c9643cc0f03a051688e6a5a09d0d0c4ec8017a6331be5c96

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