ActiveAge data (AAGE-2015)

Data description:

This data is collected as part of the ActiveAge project and includes the following datasets: Home locations, everyday errand points, and happy places (places where individuals have reported to feel happy).

Who collected (person/organization):

The dataset is collected in department of Built Environment, Aalto University, Finland, in Prof. Marketta Kyttä's research team.

Funding: Finnish ministry of education and culture

when collected the data:

Data is collected in 2015

Data characteristics:

Age range: Data is collected from individuals aged 55-75

Geographical area: The data is collected from Helsinki metropolitan area in Finland covering the municipalities of Helsinki, Vantaa, and Espoo

Spatial reference: ETRS89_TM35FIN_E_N

Data quality:

Tools and methods: The data was collected using the Maptionnaire tool (maptionnaire.com) from a randomly collected sample of 5000 individuals.

Link to survey (if applicable): the survey is online at (https://app.maptionnaire.com/en/825/) (last checked 30 August 2019)

Anonymization: The home locations are spatially anonymized using a customized Gaussian perturbation algorithm developed by the research team. Largest displacements were typically applied in the least dense areas. Sensitive data and attributes are removed.

Distribution:

License: Creative Commons Attribution 4.0 International (`CC-BY-4.0`)

Metadata reference:

Who documented the data: The data is prepared for publishing by SoftGIS team (softgis-be@aalto.fi)

Preparation date: September 2019

Data organization, entity, and attributes:

The spatial data includes three ESRI shapefiles consisting point features. The data also include a table in CSV format and a metadata file in PDF.

1. Home points (shp)

Description: Home location of individuals as marked by them*

*Anonymized: Tool (1.1.2000.0/05.1.4.0/8.200.300.G1/4)

Fields:

uid: unique identifier

age: 1: Under 15 2: 15 to 65 3: Over 65 0: NA

2. Personal variables (csv)

Description: Personal information provided by the individuals in the survey

Fields:

uid: unique identifier

Gender: 1: Male 2 Female

Income: 1: Below data average 2: Above data average

Which of the following personal goals are important to you? (0:not important > 6: very important)

Goal_health: Maintaining health and functional capacity of the body

Goal_incex: Everyday physical activities (e.g. walking, biking)

Goal_indliving: Independent living, the preservation of an independent lifestyle

Goal_self: Self development

Goal_food: Diet / weight loss / physical appearance

Goal_sports: Sports or dance hobby

Goal_memory: Maintaining memory capacities

Goal_sickness: Managing with a disease

Goal_religion: Religion

Goal_travel: Travelling

Goal_polit: Politics and social affairs

Goal_culture: Cultural activities

Goal_hobby: Leisure activities such as gardening

Goal_commun: Social activities, i.e. clubs, voluntary work

Goal_economy: Managing my financial issues and / or assets

Goal_work: Working

Goal_familiy: Taking care of relatives (grandchildren, spouse, sibling)

Goal_relation: Relationships

Goal_others: Health and wellbeing of others

Health: How would you describe your overall health situation at the moment?

Functioning: How would you describe your ability to function at the moment?

QoL: How would you describe your quality of life at the moment?

Happiness: How would you describe your current state of happiness

Pet: Do you have a pet which you take out regularly? (0: No, 1: yes)

Exercise: Do you do sports regularly? (0: No, 1: yes)

Hobby: Do you have other, not sports related, hobbies? (0: No, 1: yes)

Grandchildren: Do you have grandchildren whom you meet regularly? (0: No, 1: yes)

Education: 1: Finished school 2: Some higher degree (e.g. college), 3: Higher education (university)

3. Everyday errand points (shp)

Description: Everyday places as marked by the individuals *

*Anonymized: Tool dep v 1 (40.100)

Fields:

uid: unique identifier

Type: Type of destination

Frequency: How frequently it is visited

Travel_mod: What is the main mode of travel for visit

4. Happy places

Description: Places marked* by the participants as places where they feel happy

*Anonymized: Tool dep v 1 (40.100)

Fields:

uid: unique identifier