GENERAL INFORMATION

Use the template below to write a description of your data for Data in Brief. Throughout your entire Data in Brief (DiB) article keep in mind that you are simply describing data and not providing conclusions/interpretive insights. Please avoid using words such as 'study, 'studied, 'results', 'conclusions', etc. Please do use the word “data” throughout your DiB paper wherever possible. Published DiB examples can be found here: https://github.com/NiloofarNL/Santiago.git

*[please fill in this template below and delete all instruction text above and below before submitting]*

*Data article*

**Title: *[****A dataset to study equity in individual travel behavior and choices in Santiago, Chile]*

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**Abstract**

*[The dataset presented in this article would be advantageous to give intuition about the experience of daily travel and its psychological impact on travelers, ranging from positive feelings of enjoyment in some to the sensation of stress in many others. This dataset particularly examines the feelings of stress by users of active and motorized modes of transportation. Furthermore, it also investigates the importance that travelers attach to their feelings of stress. This allows us to explore the concept of “limited horizons”, the normalization of subpar experiences by those less able to adapt. This data provides information about commuters in terms of their individual characteristics, health-related factors while using transportation modes, feelings and emotions towards different modes of travel, own decisions, social interaction, attitudes towards nature and sustainability, shifts between modes, attitudes towards built environment, traveling to work. Data for the research are drawn from a survey conducted in Santiago, Chile, based on a quota-sampling method based on the information from Pre-Census of 2012, and in total, 451 persons validly completed the survey.*

*Describe the statistics and conclude suggest that… ]*

**Key words:** *limited horizons, transport inequalities, stress, travel behavior, Santiago, Well-being, Built environment*

**Specifications Table** *[please fill in right-hand column of the table below]*

|  |  |
| --- | --- |
| Subject area | *Transportation, Geography, Public Health and Health Policy, Urban development* |
| More specific subject area | *Transport inequalities, Stress and limited horizons, Travel behavior, Global South* |
| Type of data | *R Data Package* |
| How data was acquired | *The survey conducted using questionnaire. The instrument contains descriptive data of respondents and 5-Likert scale questionnaire regarding most sections of the questionnaire* |
| Data format | *Raw Data* |
| Parameters for data collection | *The survey collected by a quota-sampling method based on the information from Pre-Census of 2012, and in total, 451 persons validly completed the survey and face-to-face in Santiago, Chile in 2016.* *The survey collected information on a wide range of travel-related issues (socio-demographics, health-related, perceptions and travel behavior, travel choices and planning, social interaction factors, built environment, among others)* |
| Description of data collection | *Data was acquired through the 5-Likert scale questionnaire regarding most sections of the questionnaire, using a face-to-face and quota-sampling method for individual characteristics* |
| Data source location | *Santiago, Chile* |
| Data accessibility | *State if data is with this article or in public repository. If public repository, please explicitly name repository and data identification number and provide a direct URL to data* |

**Value of the data**

*A large body of the data has made inroads investigating psychological impact on travelers ranging from positive feelings of enjoyment in some to the sensation of stress in many others that can affect the effectiveness of policy measure (in the case of positive feelings) and are known to affect health outcomes (in the case of stress). This would be interesting for those with transport policies concerns.*

*Dataset contribute to psychological impact on travelers both active and motorized modes of transportation to examines not only the feeling of stress, but also how these effects are experienced by travelers and investigates the importance that travelers attach to their feelings of stress which makes it valuable for researchers who focused on public sector development and health-related policies.*

*This dataset allows us to explore the concept of “limited horizons”, the normalization of subpar experiences by those less able to adapt, an advantageous resource for further research regarding transport inequalities, index of stress, travel behavior in the region or even as a representative for other areas with similar attributes.*

*The dataset provides a wide range of travel-related issues such as socio-demographics, health-related, perceptions and travel behavior, travel choices and planning, social interaction factors, built environment, among others.*

**Data**

[*Briefly describe the data you are sharing with this data article here, to give the reader context before you describe the materials and methods]*

The dataset described in this paper contains individual characteristics, health information, feelings and emotions information, reason and planning decision of respondents, social interaction of respondents, nature and sustainability, telecommunication and shifting, built environment and travel-work related information. As can be seen in data set, we have a wide variety of variables in each section.

Data collected regarding individual characteristics reveals interesting difference when it comes to gender, age, income, main mode of transport and so on. Among persons who responded to the survey, males have far more higher income levels than females. It can be seen among people who have a salary more than 997 dollars and 18 aged until 54, using different modes of travel as the main mode is almost similar in terms of using car and metro.

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**Experimental Design, Materials and Methods**

[*Complete description of the Experimental design and methods used to acquire the data and where applicable, in the analysis. Include any relevant figures/tables needed to fully understand the data. Please also provide, where applicable, any code files used to provide base-level analysis or filtering of the data.*]

*The study is based on a paper-based survey conducted face-to-face in Santiago in 2016. The survey collected information on a wide range of travel-related issues (socio-demographics, health-related, perceptions and travel behavior, travel choices and planning, social interaction factors, built environment, among others). The data collection considered a quota-sampling method based on the information from Pre-Census of 2012, and in total, 451 persons validly completed the survey. This paper considers the first part of the survey, with information about the basic socio-economic data, travel choices, activities and commuting information, and the question related to the levels of stress experienced in while traveling.*

*[(NO) Conclusions/Summary: DiB papers are distinctly different from research articles and should* **not** *include interpretations and conclusions. Do not include a Conclusion or Summary section.]*

**Acknowledgements**

**References** *[please include all references relevant to the data described here; references are not limited]*

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