

Predicting Self-Rated Mental Health Based on Demographic and Family Traits

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Abstract

Predicting mental health in the context of the nuclear family. Does having children have a positive (fulfilled) or negative impact (stressed)? Does being married have a positive or negative impact?

Introduction

Data

The dataset we used in our modeling is the 2017 General Social Survey (Family cycle). The following sections will discuss how the data was collected, what the key features of the dataset are, and what the data looks like.

Data Collection

From February 1, 2017 to November 30, 2017, Statistics Canada gathered data on the Canadian family unit by conducting voluntary telephone interviews. Their target population was all non-institutionalized individuals living in Canada, aged 15 or older. Cross-sectional sampling was conducted in a two-stage design. The stratified simple random sampling method was used in the first stage. The stage one sampling frame consisted of the telephone numbers of Canadian households obtained from the Census and Statistics Canada's dwelling dataset. Stratifying the sample frame by geographic location, the sampled population consisted of chosen households in each of the 10 provinces.

In the second stage, a single family member 15 or older was randomly chosen to take the survey. In the second stage, the sampling frame is the . The sample is the chosen

-methodology: how they found people, population, frame, sample, what sampling approach,
trade-offs, non-response, cost -what is good and bad about the questionnaire

Data Characteristics

-key features, strengths, weaknesses -discuss variables: similar that you don't use, construct variables by combining various ones

Data Visualization

-what does the data look like -plot the raw data

Model

Results

Discussion

Weaknesses

Next Steps

References

Interview method: <https://www.statcan.gc.ca/eng/survey/household/4501> Detailed information about GSS 2017: <https://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&Id=335816> Questionnaire: https://www23.statcan.gc.ca/imdb/p3Instr.pl?Function=assembleInstr&lang=en&Item_Id=335815#qb345205