

Sample

The sample is from the addhealth data set. The National Longitudinal Study of Adolescent to Adult Health (Add Health) is a longitudinal study of a nationally representative sample of adolescents in grades 7-12 in the United States during the 1994-95 school year. 6504 respondents participated in this research. Every respondent was interviewed as individual.

Data collection procedure

My study is going to find out if there is relationship between closeness with parents, feelings and general health.

The Add Health cohort has been followed into young adulthood with four in-home interviews, the most recent in 2008, when the sample was aged 24-32. Data have been collected from adolescents, their fellow students, school administrators, parents, siblings, friends, and romantic partners through multiple data collection components, including four respondent in-home interviews. I am going to process the data and test some hypothesis based on the data, then make conclusion.

Measures

I would like to find out the effects of relationship with parents and the feelings on the health situation of the students. Following is the related variables I chose for analysis:

AID: respondent identifier

H1GH1, H1GH59A-H1GH60: general health and his/her height and weight

H1FS1-H1FS19: how the respondent feels

H1WP9, H1WP16: how close the respondent feels with his/her parents

The following relationships will be analyzed:

1. how close with parents and feelings: they are both categorical variables.
2. feelings and general health. They are both categorical variables.
3. how close with parents and general health. They are both categorical variables.
4. body mass index and general health. BMI is quantitative variable. General health is categorical health.
5. closeness with parents may be confounder or not.

Linear regression is expected.

I will test if they are correlated and find out the expected linear regression model.