

The openness.csv dataset has data on the Openness to Experience scale collected as part of an honor's project. Below are some statements describing people's behaviours.

- o1 : Believe in the importance of art.
- o2 : Have a vivid imagination.
- o3 : Tend to vote for liberal political candidates.
- o4 : Carry the conversation to a higher level.
- o5 : Enjoy hearing new ideas.
- o6 : Enjoy thinking about things.
- o7 : Can say things beautifully.
- o8 : Enjoy wild flights of fantasy.
- o9 : Get excited by new ideas.
- o10 : Have a rich vocabulary.
- o11 : Am not interested in abstract ideas.
- o12 : Do not like art.
- o13 : Avoid philosophical discussions.
- o14 : Do not enjoy going to art museums.
- o15 : Tend to vote for conservative political candidates.
- o16 : Do not like poetry.
- o17 : Rarely look for a deeper meaning in things.
- o18 : Believe that too much tax money goes to support artists.
- o19 : Am not interested in theoretical discussions.
- o20 : Have difficulty understanding abstract ideas.

The statements were measured on the rating scale below

Scale : very inaccurate (1), moderately inaccurate (2), neither inaccurate nor accurate (3), moderately accurate (4), very accurate (5).

Conduct exploratory factor analysis.