

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.