Data Analysis :
Drug consumation

Data set description
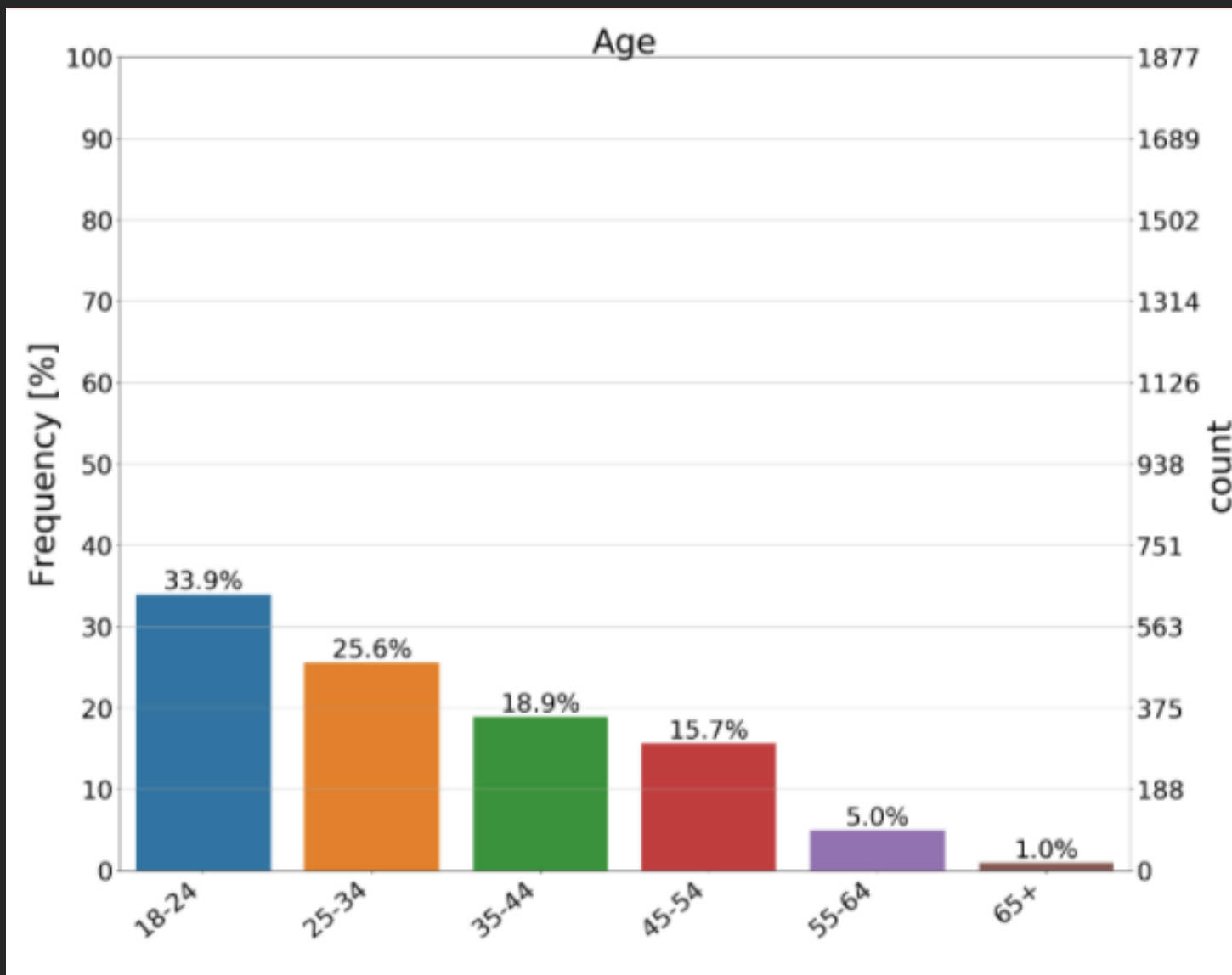
- Data was collected by asking people to fill a form about themself and their drug consummation. We have 1885 – 8 = 1877 respondents (8 lied).

- 12 personals metric (age, gender, personality traits…)

- 18 Drug consummation (tobacco, cocaine, alcohol…) rated from "never consumed" to "consumed today".
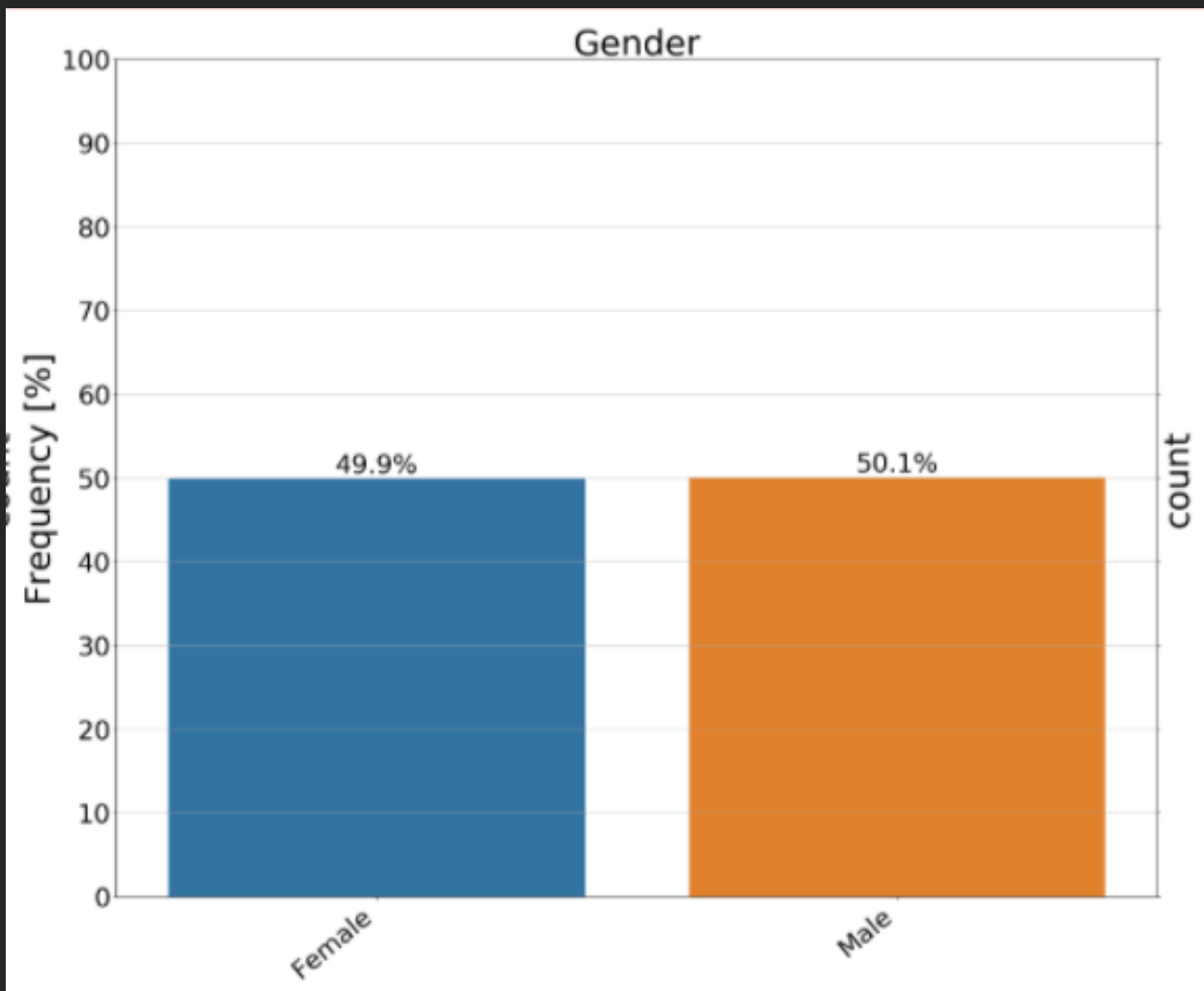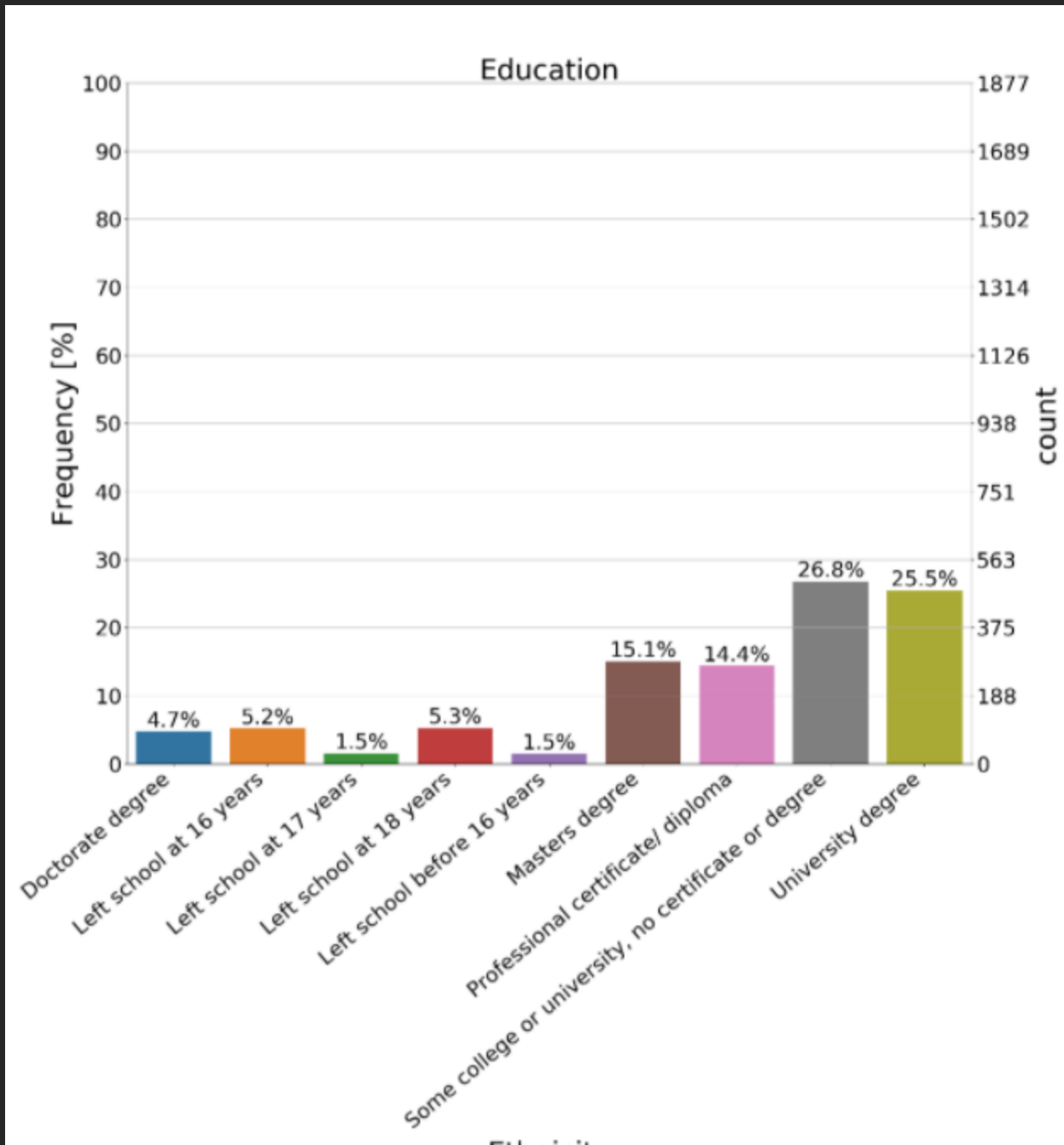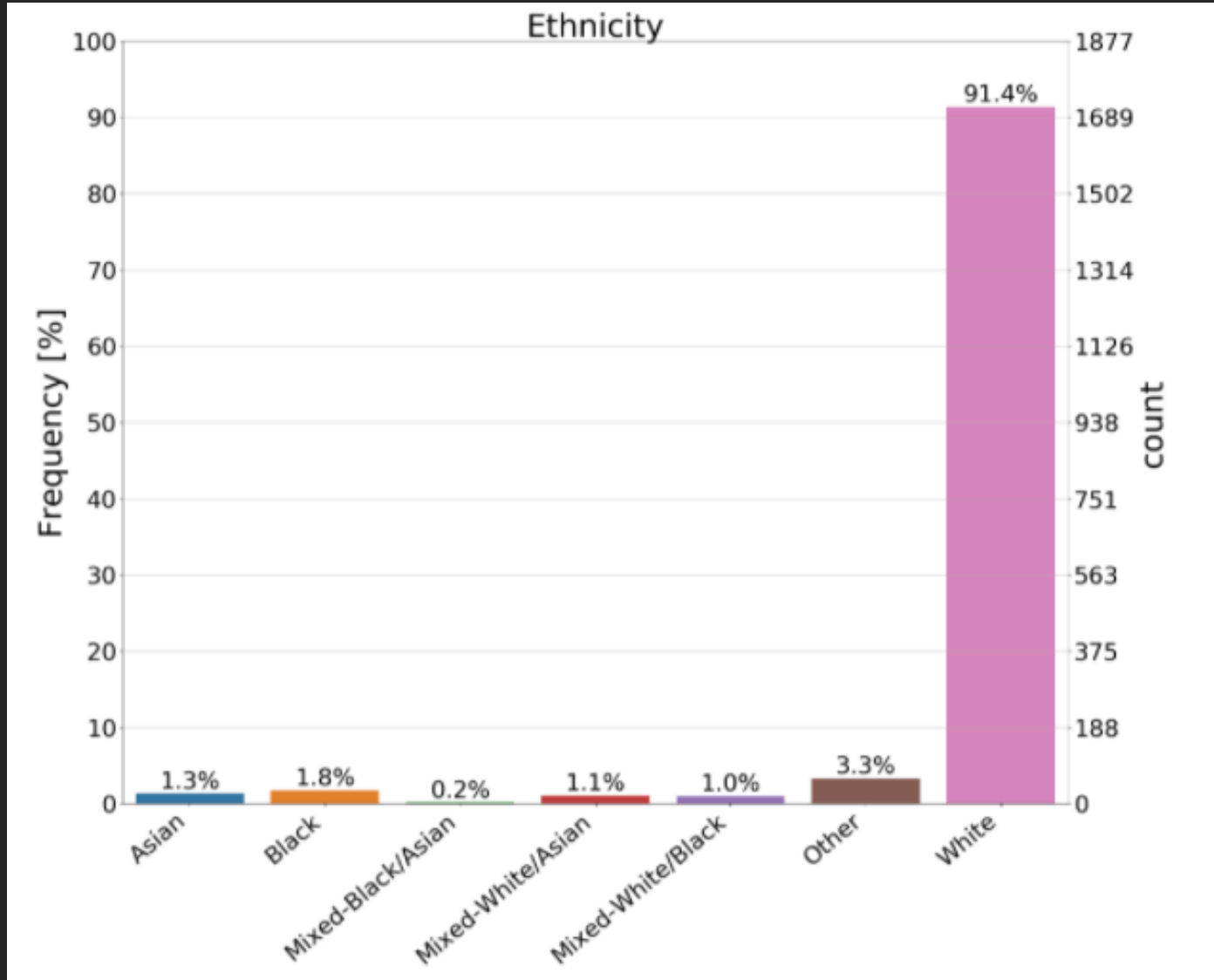
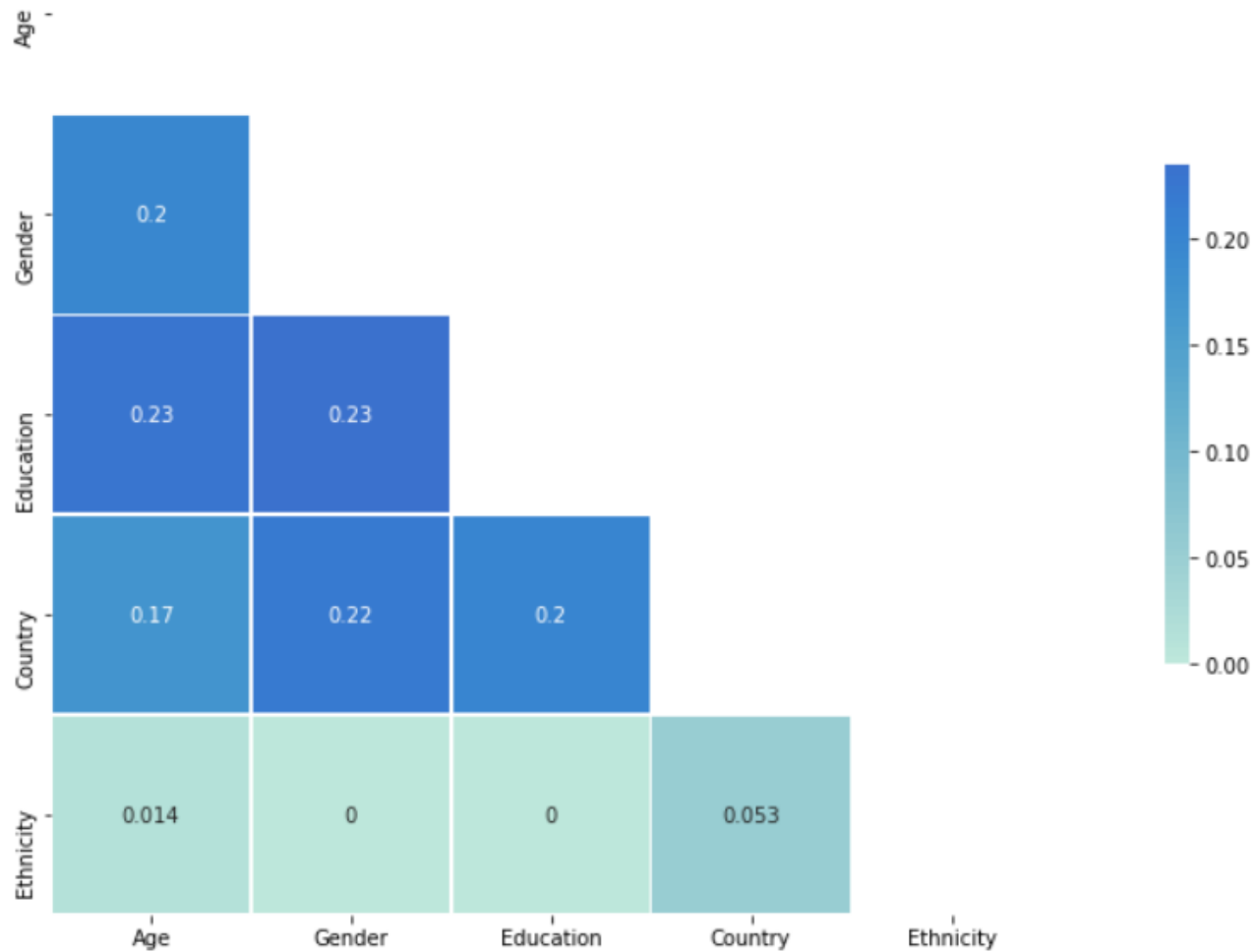**Population demographic**

Population demographic: Age

Population demographic: Gender

Population demographic: Education

Population demographic: Ethnicity
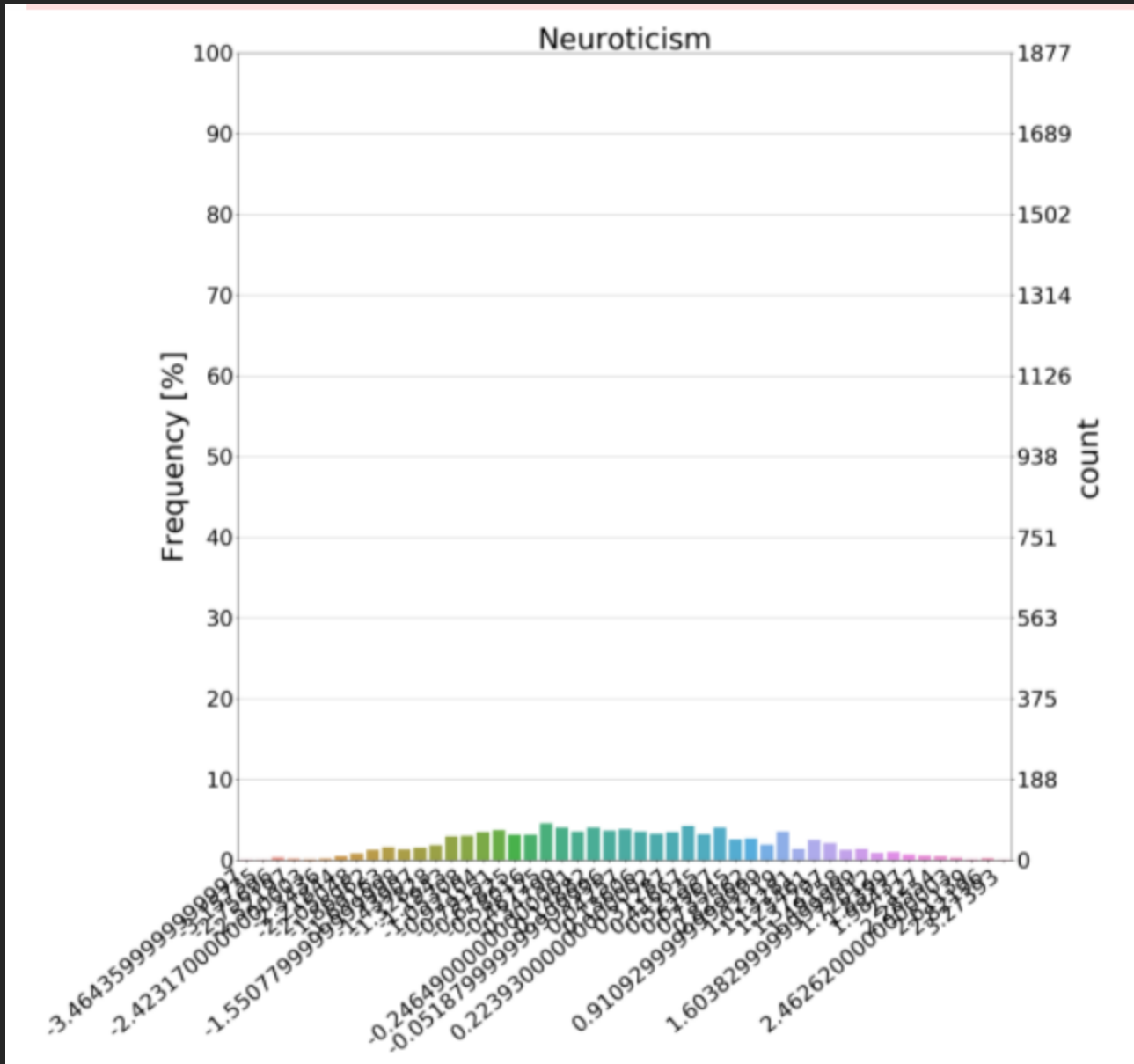
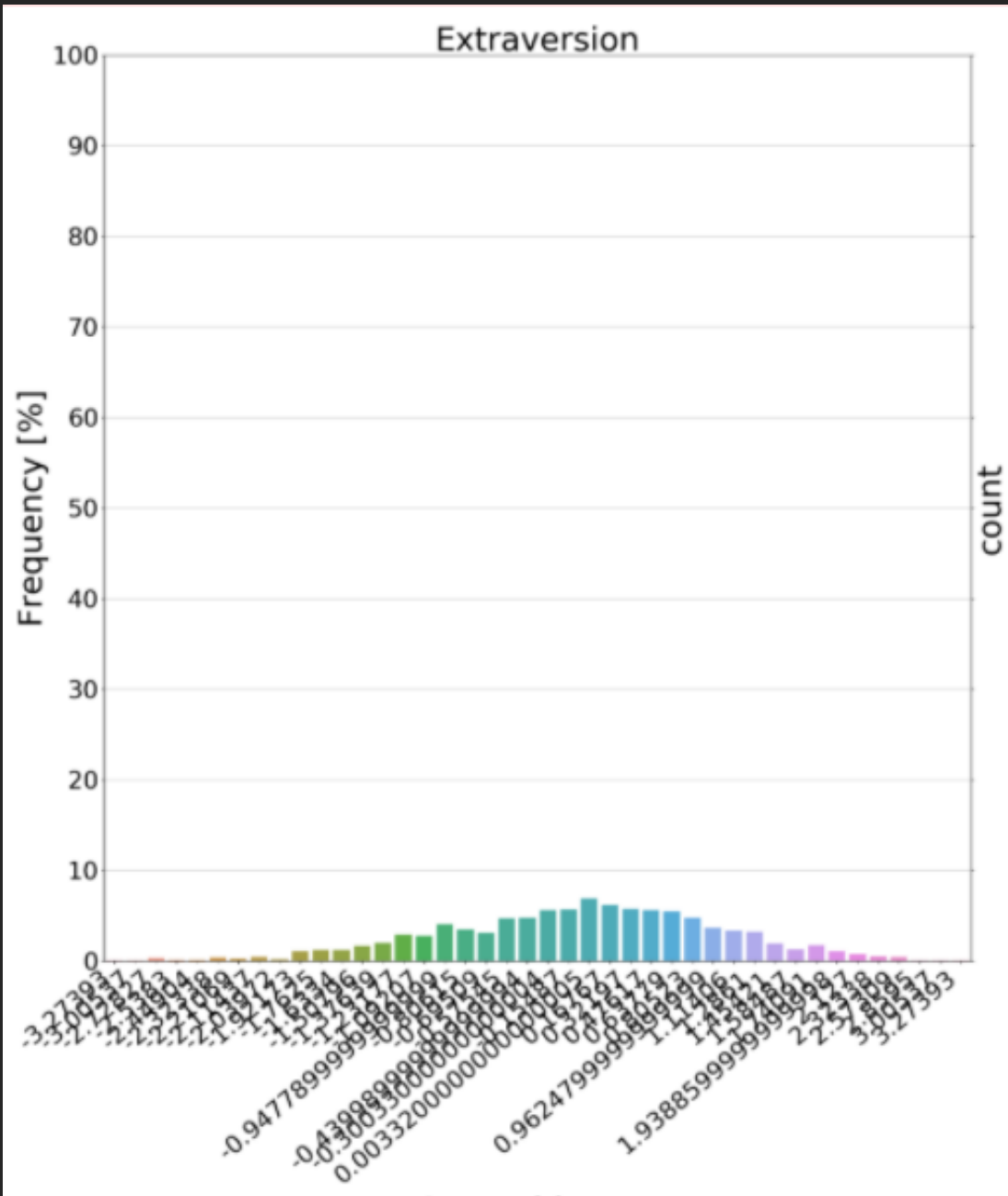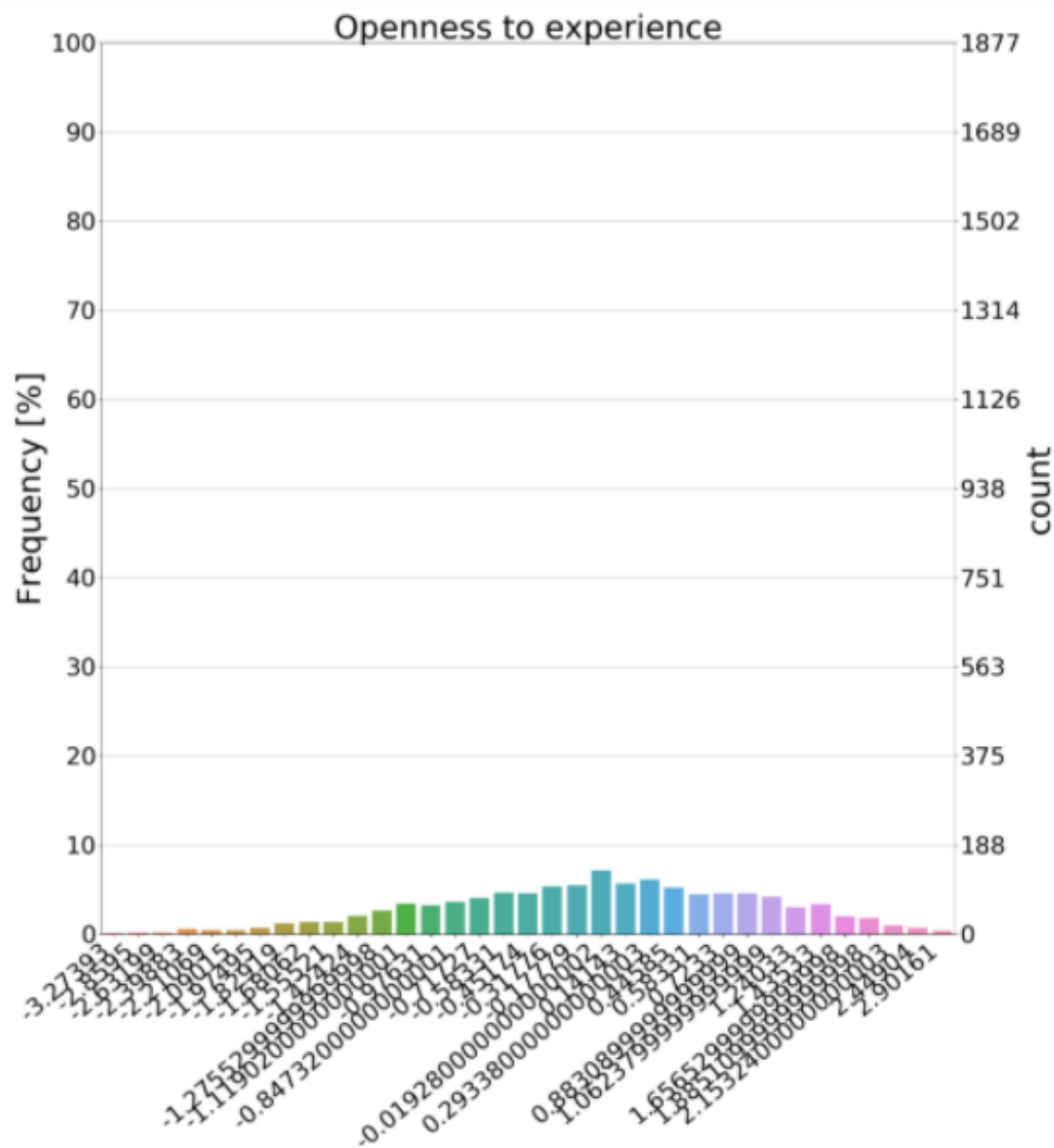# Population demographic: Are they correlated ?

Population personality
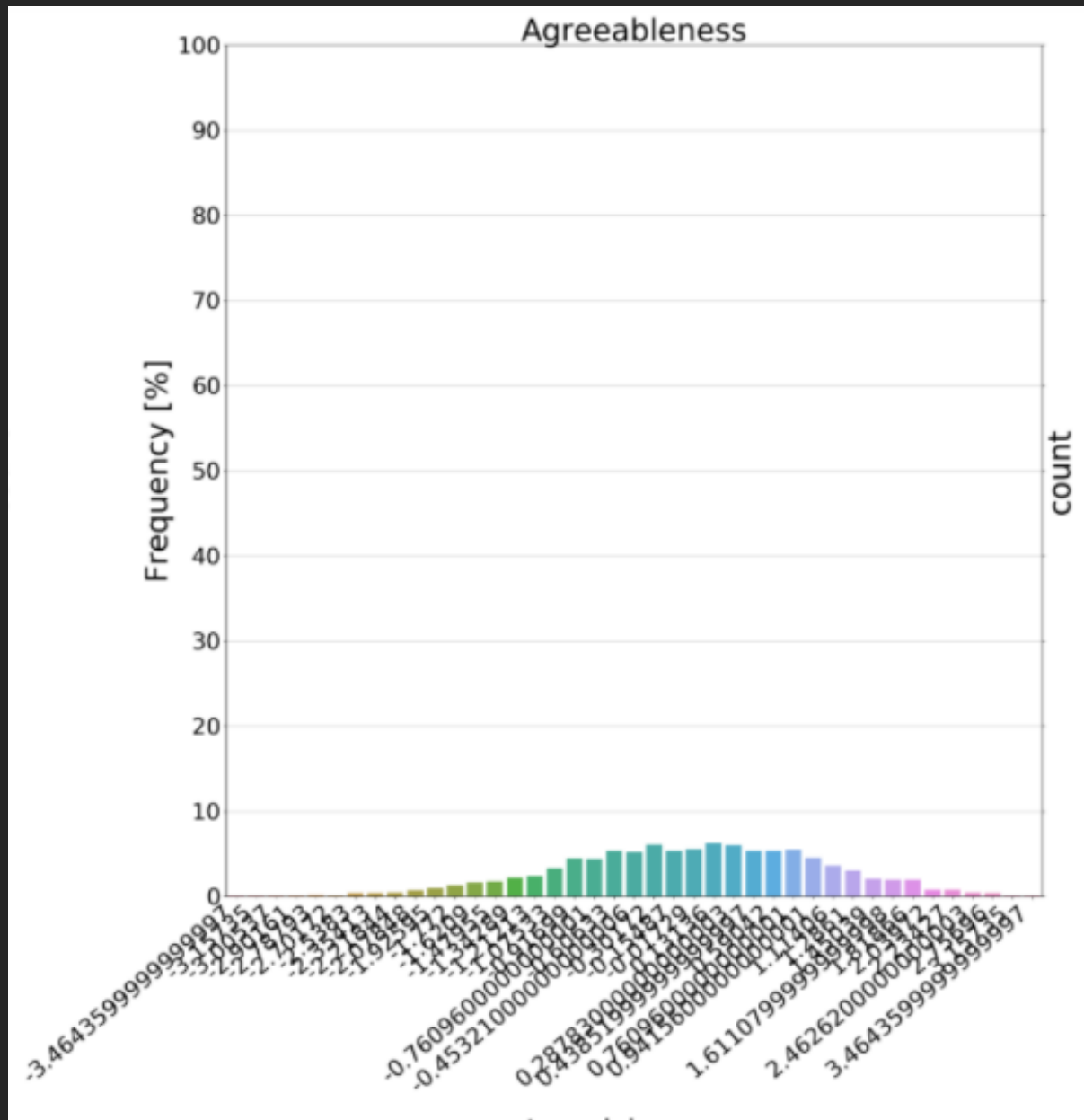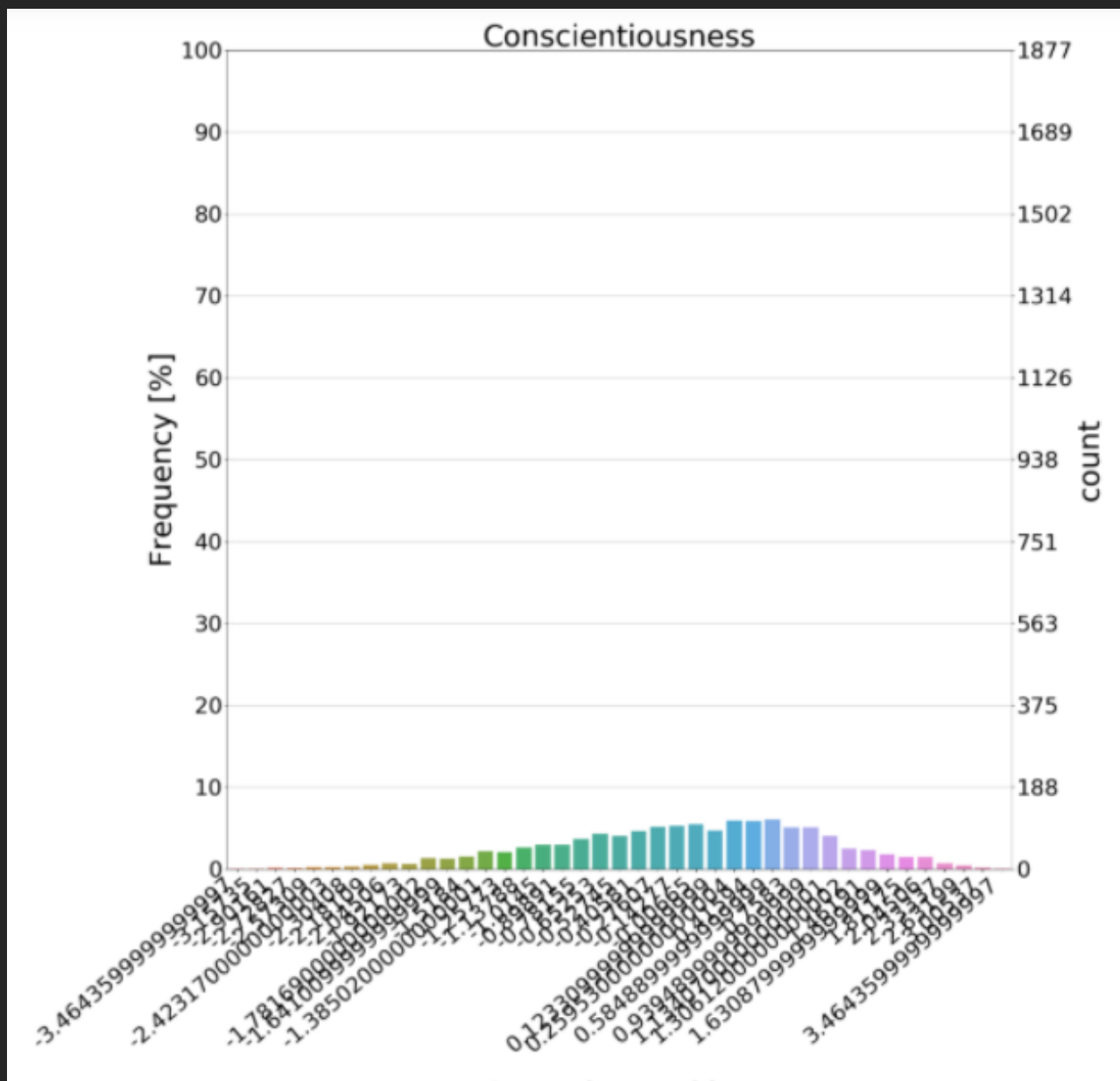
Population personality : Neuroticism

Population personality : Extraversion
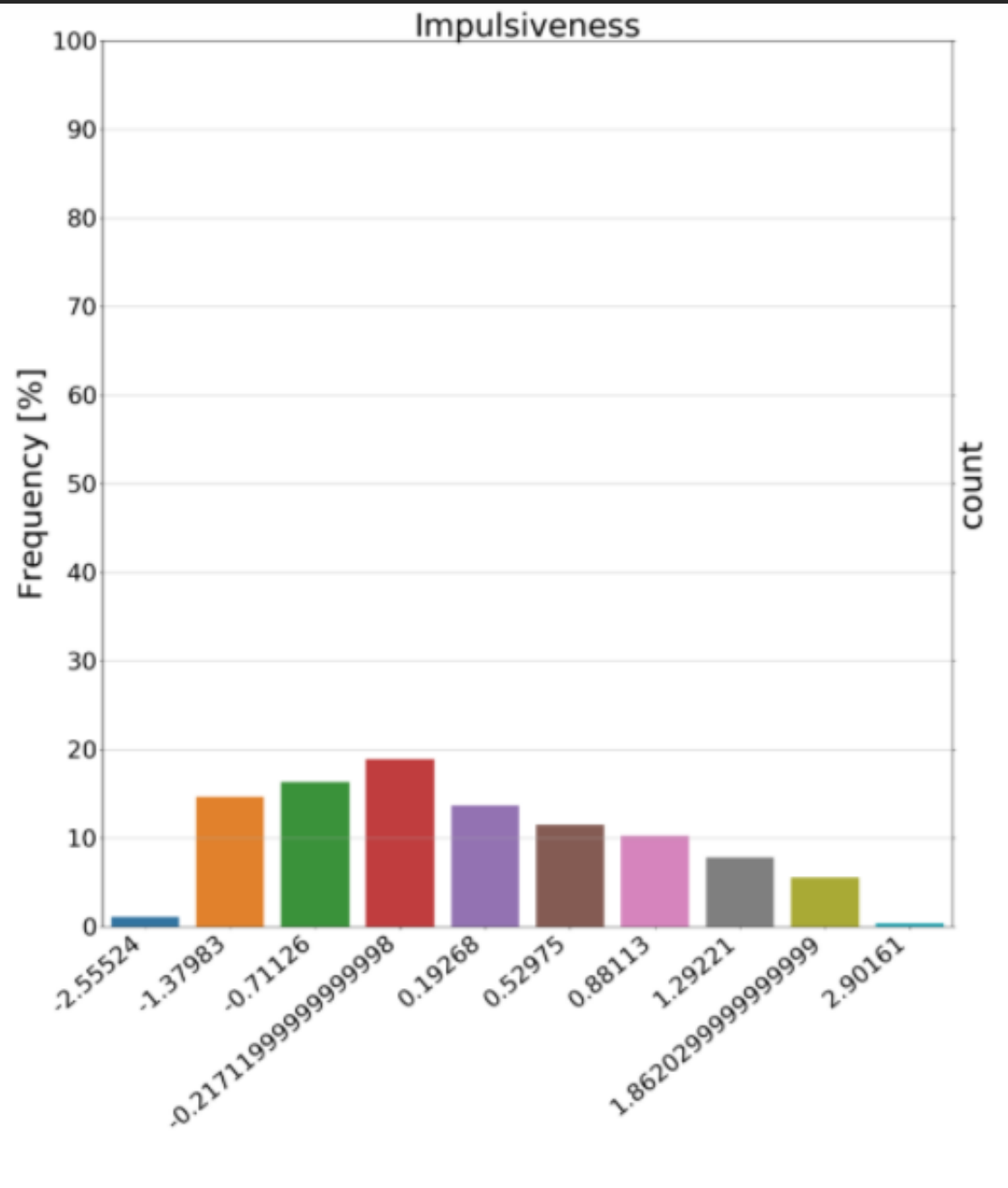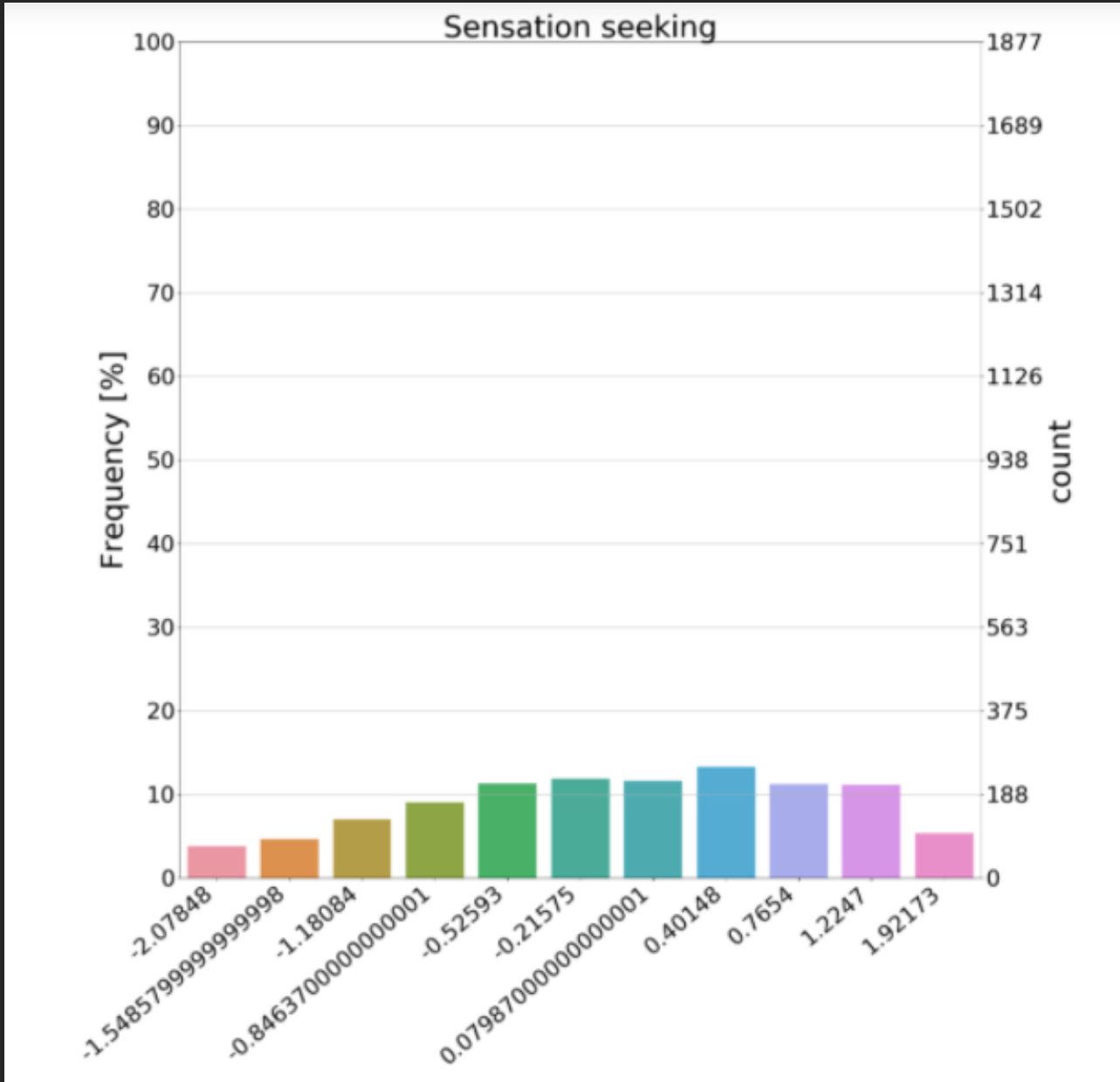
Population personality : Openness to experience

Population personality : Agreeableness
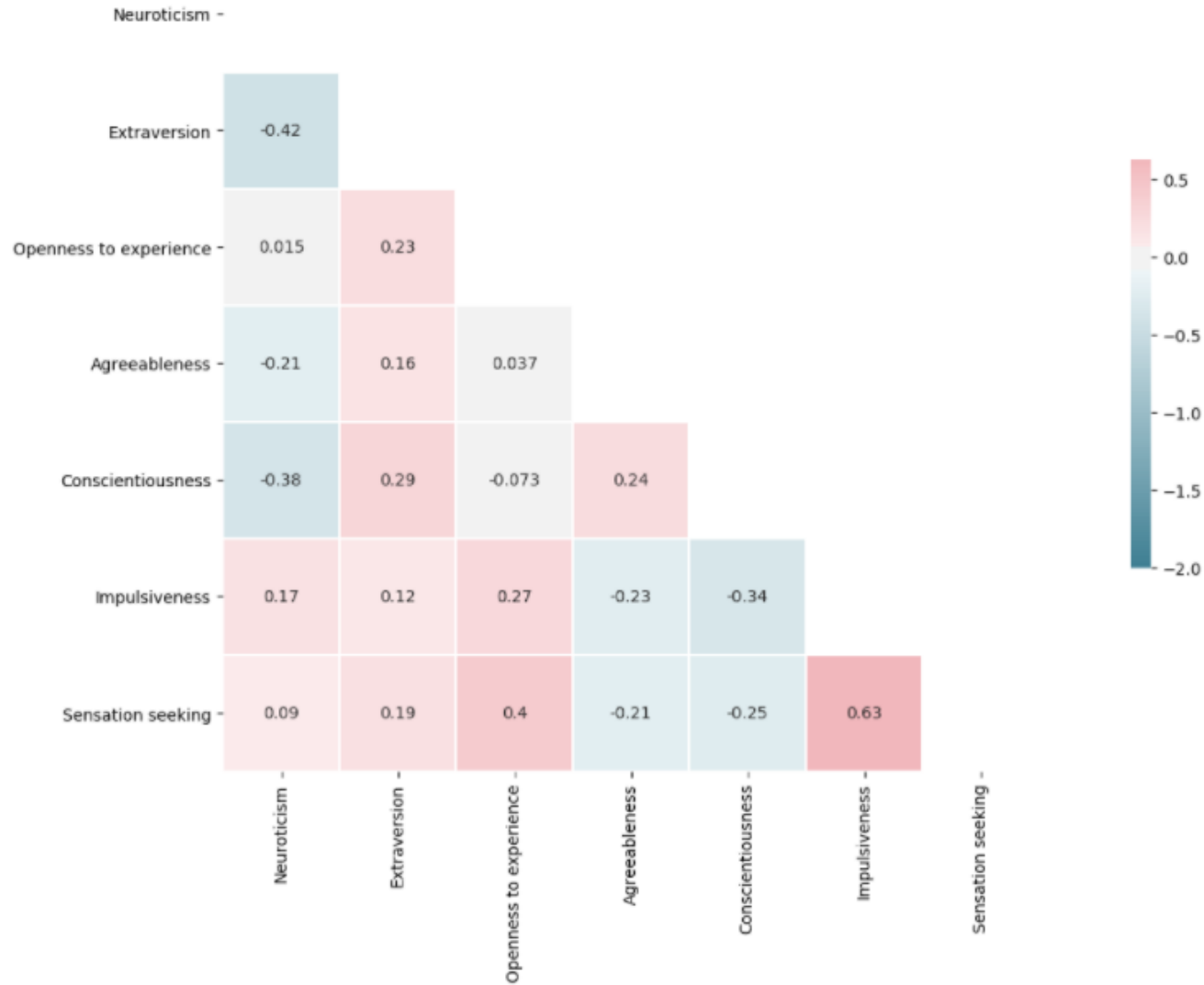
Population personality : Conscientiousness

Population personality : Impulsiveness
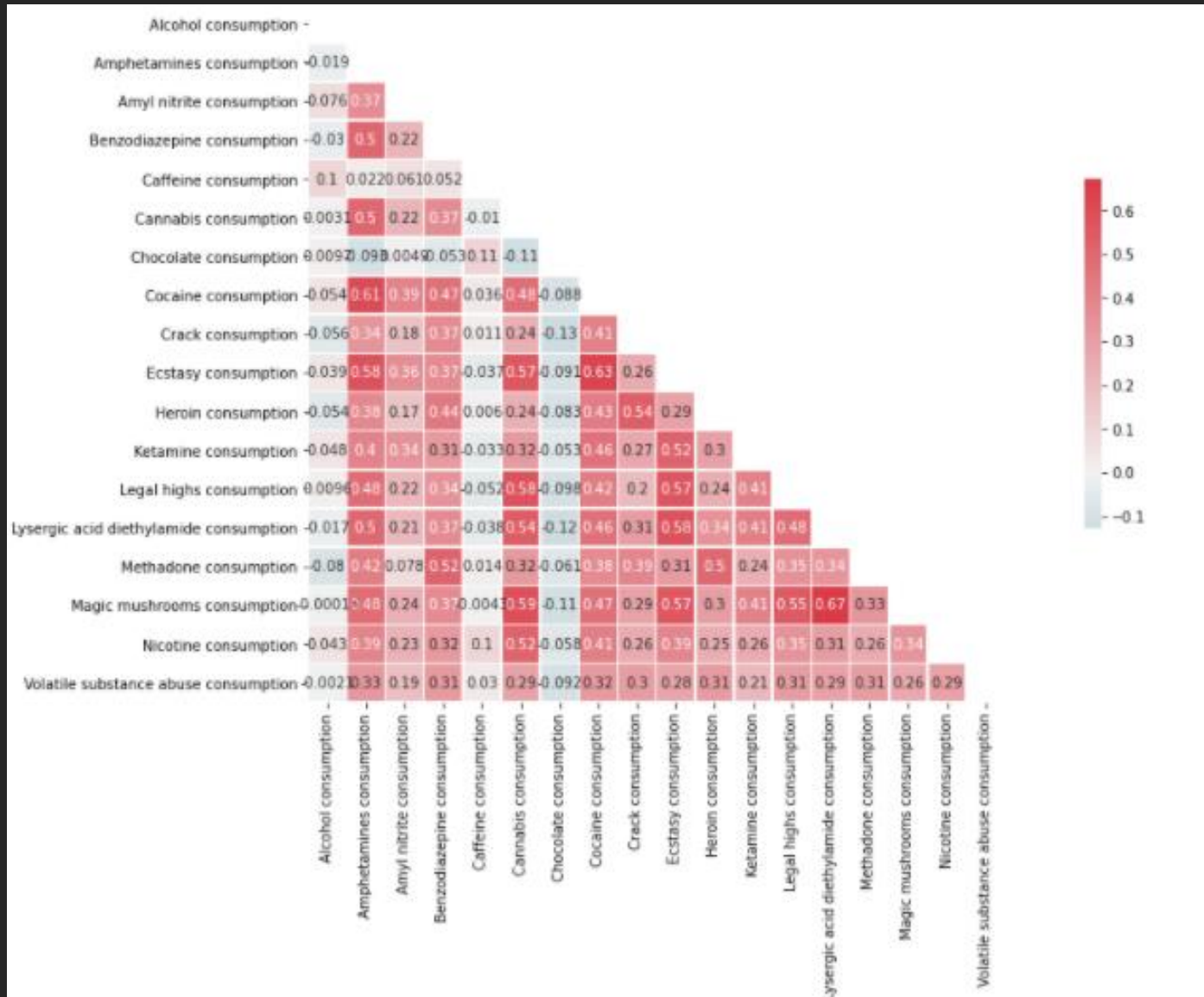
Population personality : Sensation seeking

Population personality :
are they correlated ?

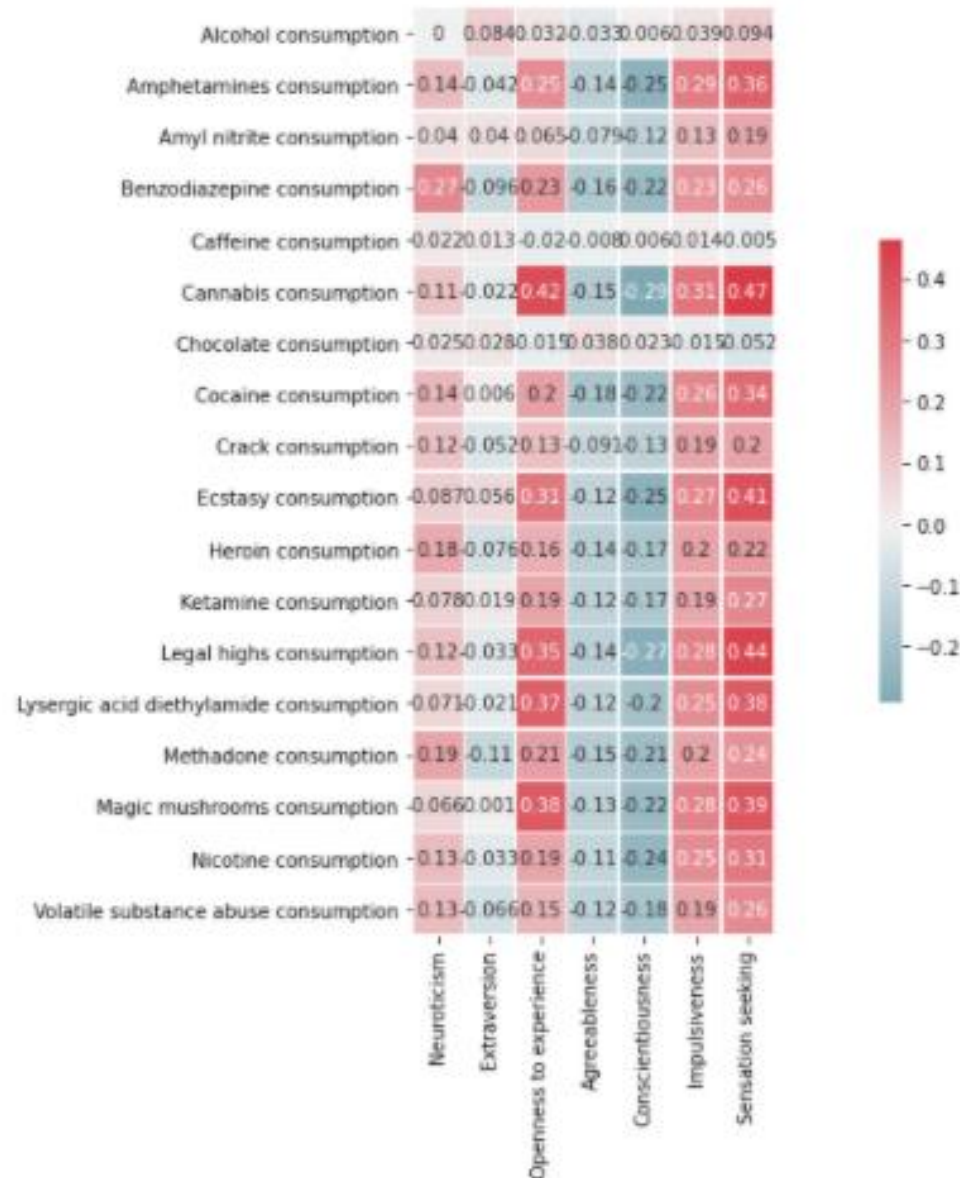**Based on some basic information about you, can we predict which drugs you consumed in the last decade ?**

Analysis : Are drug consumptions correlated between them ?

Notable high correlation with a high population :

- Acid / Mushrooms : 0.67
- Cocaine / Extasy : 0.63
- Cocaine / amphetamine : 0.60

Analysis : Are drug consumption and personality correlated ?

- Alcohol, caffeine and chocolate do not have any correlation with personality

- Impulsiveness and sensation seeking are the most correlated with drug consumption

Analysis : Is the demographic and drug consumption correlated ?