\<CAL NERDY\>

The Nerdy Personality Attributes Scale was developed to quantify what exactly nerdiness is
여기에 표가 나와 있는데 여기에서 상관관계 지수가 나와있음

Q1   I am interested in science.
0.308

Q2   I was in advanced classes.
0.282

Q3   I like to play RPGs. (Ex. D&D)
0.29

Q4   My appearance is not as important as my intelligence.
0.258

Q5   I collect books.
0.263

Q6   I prefer academic success to social success.
0.272

Q7   I watch science related shows.
0.29

Q8   I spend recreational time researching topics others might find dry or overly rigorous.
0.281

Q9   I like science fiction.
0.33

Q10   I would rather read a book than go to a party.
0.29

Q11   I am more comfortable with my hobbies than I am with other people.
0.282

Q12   I spend more time at the library than any other public place.
0.264

Q13   I would describe my smarts as bookish.
0.34

The Nerdy Personality Attributes Scale was developed to quantify what exactly nerdiness is

Q14   I like to read technology news reports.

0.262

Q15   I have started writing a novel.

0.267

Q16   I gravitate towards introspection.

0.291

Q17   I am more comfortable interacting online than in person.

0.251

Q18   I love to read challenging material.

0.303

Q19   I have played a lot of video games.

0.28

Q20   I was a very odd child.

0.324

Q21   I sometimes prefer fictional people to real ones.

0.305

Q22   I enjoy learning more than I need to.

0.261

Q23   I get excited about my ideas and research.

0.263

Q24   I am a strange person.

0.412

Q25   I care about super heroes.

0.284

Q26   I can be socially awkward at times.

0.301

일단 Q에 해당하는 질문들은 5에 가까울수록 널디에 가까운 요소들임 따라서 reverse를 굳이 할 필요가 없을 듯 (1~5까지의 값)

-> 설문지에서 높은 피처들만 뽑았다는데 q가 뭐 어느정도 공선성도 고려를 한 부분이 아닌가 싶음

이건 응답시간에 따른 것 같은데 상관관계를 한번 봐야할 듯

Introelapse   The time spent on the introduction/landing page (in seconds)

testelapse   The time spent on the RWAS questions

surveyelapse   The time spent answering the rest of the demographic and survey questions

===

<TIPI>

The Ten Item Personality Inventory was administered (see Gosling, S. D., Rentfrow, P. J., & Swann, W. B., Jr. (2003). A Very Brief Measure of the Big Five Personality Domains. Journal of Research in Personality, 37, 504-528.):

-> 약간 성격 측정을 하는 설문인데 이게 논문까지 있음

-> 논문에서는 1~7 사이값으로 측정을 하는데 우리 데이터는 1~5 임

Scoring the TIPI

1. Recode the reverse-scored items (i.e., recode a 7 with a 1, a 6 with a 2, a 5 with a 3, etc.). The reverse scored items are 2, 4, 6, 8, & 10.

2. Take the AVERAGE of the two items (the standard item and the recoded reverse-scored item) that make up each scale.

Example using the Extraversion scale: A participant has scores of 5 on item 1 (Extraverted, enthusiastic) and and 2 on item 6 (Reserved, quiet). First, recode the reverse-scored item (i.e., item 6), replacing the 2 with a 6. Second, take the average of the score for item 1 and the (recoded) score for item 6. So the TIPI Extraversion scale score would be: (5 + 6)/2 = 5.5

LOOKING FOR A QUICK WAY TO COMPUTE AND DISPLAY TIPI SCORES?

-> 이게 질문이 긍정, 부정, 긍정 이렇게 섞여 있음

-> 홈페이지에 따르면 산출 방법이 긍정 질문:5 점 부정질문:2 점 이면 부정질문 점수 2->4 로 전환 후 평균을 내는 방식

-> 이때 매칭시키는 질문 1 은 6 2 는 7 이렇게 진행

-> 따라서 피처 전처리때 위 작업을 수행을 해야함 (필수)

1 = Disagree strongly
2 = Disagree moderately
3 = Disagree a little
4 = Neither agree nor disagree
5 = Agree a little
6 = Agree moderately
7 = Agree strongly

TIPI1   Extraverted, enthusiastic.   외향적, 열정적.

TIPI2   Critical, quarrelsome.   비판적, 다툼

TIPI3   Dependable, self-disciplined.   신뢰할 수 있는, 자제력 있는

TIPI4   Anxious, easily upset.   불안하다, 쉽게 화를 낸다

TIPI5   Open to new experiences, complex.   새로운 경험에 대한 개방성, 복합성

TIPI6   Reserved, quiet.   예약됨, 조용함

TIPI7   Sympathetic, warm.   동정심, 따뜻한

TIPI8   Disorganized, careless.   무질서한, 부주의한

TIPI9   Calm, emotionally stable.   차분하고 정서적으로 안정됨

TIPI10   Conventional, uncreative.   관습적, 비창조적

==

The following items were presented as a check-list and subjects were instructed "In the grid below, check all the words whose definitions you are sure you know":

-> 아래 단어에 대해서 정의를 알고 있다고 확신하는 단어에 1 체크 아니면 0
-> 이게 왜 들어갔는지는 의문 (약간 그건가 투표 하냐 안 하냐 차이가 지적 수준?)
-> VCL6, VCL9 및 VCL12 의 단어는 실제 단어가 아니며 유효성 검사로 사용할 수 있음

VCL1   boat

VCL2   incoherent

VCL3   pallid

VCL4   robot

VCL5   audible

VCL6   cuivocal

VCL7   paucity

VCL8   epistemology

VCL9   florted

VCL10   decide

VCL11   pastiche

VCL12   verdid

VCL13   abysmal

VCL14   lucid

VCL15   betray

VCL16   funny

==

education   "How much education have you completed?",
1=Less than high school, 2=High school, 3=University degree, 4=Graduate degree

urban   "What type of area did you live when you were a child?",
1=Rural (country side), 2=Suburban, 3=Urban (town, city)

gender   "What is your gender?",
1=Male, 2=Female, 3=Other

engnat   "Is English your native language?",
1=Yes, 2=No

age   "How many years old are you?"

hand   "What hand do you use to write with?",
1=Right, 2=Left, 3=Both

religion   "What is your religion?",
1=Agnostic, 2=Atheist, 3=Buddhist, 4=Christian (Catholic), 5=Christian (Mormon), 6=Christian (Protestant), 7=Christian (Other), 8=Hindu, 9=Jewish, 10=Muslim, 11=Sikh, 12=Other

orientation   "What is your sexual orientation?",
1=Heterosexual, 2=Bisexual, 3=Homosexual, 4=Asexual, 5=Other

voted   "Have you voted in a national election in the past year?",
1=Yes, 2=No

married   "What is your marital status?",
1=Never married, 2=Currently married, 3=Previously married

familysize   "Including you, how many children did your mother have?"

ASD   " Have you even been diagnosed with an Autism Spectrum Disorder? "

-> 자폐 스펙트럼 장애 진단을 받은적 있나요?

1=yes, 2=no