**<CAL NERDY>**  
<http://openpsychometrics.org/tests/NPAS/development/>

The [Nerdy Personality Attributes Scale](http://openpsychometrics.org/tests/NPAS/) 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

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

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**<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 1~7사이값으로 측정을 하는데 우리 데이터는 1~5임  
텍스트이(가) 표시된 사진

자동 생성된 설명  
-> 이게 질문이 긍정, 부정, 긍정 이렇게 섞여 있음   
-> 홈페이지에 따르면 산출 방법이 긍정 질문:5점 부정질문:2점 이면 부정질문 점수 2->4로 전환 후 평균을 내는 방식   
-> 이때 매칭시키는 질문 1은6 2는 7이렇게 진행   
-> 따라서 피처 전처리때 위 작업을 수행을 해야함 (필수)  
텍스트이(가) 표시된 사진

자동 생성된 설명

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

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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 VCL12의 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

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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