



Supplemental File

S1 Dataset. Raw data. (XLSX)

Appendix A

Questionnaire in English (translated)

Participants: 3,200 people

(Japanese males and females between the ages of 20 and 59, gender and age were equally allocated)

Q1 – Q3. BFS items (Appendix B)

Q4. ABO trait and personality sensitivity items

Please answer the following items on your personality. Answer options

1: It does not fit me at all < 4: Cannot say either way -> 7: It fits me well

Question items

1. Nervous (Type A, BFS N-08)
2. Meticulous (Type A, BFS C-11)
3. Self-centered (Type B, BFS A-10)
4. Hard to be understood (Type AB)
5. Self-paced (Type B)
6. Dual personality (Type AB)
7. Big-hearted (Type O)
8. Laid back (Type O)
9. Interested in your own or others personality (Personality sensitivity)

Q5. TIPI-J items

Q6. Do you think blood type and personality are related? (Relation)

1: Not related

2: Somewhat related

3: Strongly Related 4: I don't know

Q7. Do you know the traits and the compatibilities of blood types? (Knowledge) 1: I don't know at all

2: I know a little 3: I know some 4: I know a lot

Q8. Lastly, please tell us your blood type.

1: Type A

2: Type B

3: Type O

4: Type AB

5: I don't know

Appendix B

BFS question items in English (translated)

Personality trait terms based on the items of ACL (Adjective Check List)

<BFS-E>

1. Talkative
2. Silent R
3. Cheerful
4. Extravert
5. Introvert R
6. Unsociable R
7. Sociable
8. Misanthropic R
9. Active
10. Without expressing one's intention R
11. Aggressive
12. Sober R

<BFS-N>

1. Overthinking
2. Anxiety-prone
3. Worried
4. Easily concerned
5. Faint-hearted
6. Easily hurt
7. Easily upset
8. Nervous (Blood type A trait)
9. Uncomfortable R
10. Pessimistic
11. Tense

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12. Melancholic

<BFS-O>

1. Creative
2. Versatile
3. Progressive
4. Insightful
5. Imaginative
6. Aesthetically astute
7. Quick-witted
8. Flexible
9. Wide-ranging interests
10. Curious
11. Independent
12. Quick understanding

<BFS-C>

1. Irresponsible
2. Careless
3. Lazy
4. happy-go-lucky
5. Slothful
6. Designing R
7. Unconcerned
8. Thoughtless

9. Diligent R

10. Unprincipled

11. Meticulous R (Blood type A trait)

12. Easily bored

<BFS-A>

1. Mild-mannered
2. Short-tempered R
3. Angry R
4. Generous
5. Kind
6. Conscientious
7. Cooperative
8. Thorny R
9. Temperamental R
10. Self-centered R (Blood type B trait)
11. Honest
12. Rebellious R

(R: Reverse item)

<Source>

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Construction of the Big Five Scales of personality trait terms and concurrent validity with NPI. The Japanese Journal of Psychology 1996, Vol. 67, No. 1, 61-67. <https://doi.org/10.4992/jjpsy.67.61>