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PERSONALITY AND INDIVIDUAL DIFFERENCES

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Abstract

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Keywords:

1. Introduction

Constitutive equations for the shear modulus G and the Poisson ratio ν of the two-phase material are given by

E-mail address: e-mail address

This image shows a single sheet of handwriting practice paper. The page is filled with a grid of horizontal rows for practicing letter formation. On the left side, there are ten numbered boxes from 1 to 10, each containing a small 'e' for tracing. The rows themselves are mostly blank, except for the first row which features a large, bold, blue '1' written across it. The rest of the rows contain mostly lowercase 'e's and some other small, faint markings.

and the mean age was 21.2 years (SD = 2.1). All participants were Chinese. There were 112 males and 112 females. All participants were university students. All participants had normal or corrected-to-normal vision. All participants were right-handed. All participants had no history of neurological or psychiatric disorders. All participants had no history of drug or alcohol abuse. All participants had no history of head injury. All participants had no history of any other medical condition that might affect their cognitive performance. All participants had no history of any other medical condition that might affect their cognitive performance.

2. Method

2.1. Participants

The participants were recruited from the university students. All participants were Chinese. There were 112 males and 112 females. All participants were university students. All participants had normal or corrected-to-normal vision. All participants were right-handed. All participants had no history of neurological or psychiatric disorders. All participants had no history of drug or alcohol abuse. All participants had no history of head injury. All participants had no history of any other medical condition that might affect their cognitive performance. All participants had no history of any other medical condition that might affect their cognitive performance.

the Chinese version of the Big Five Inventory (BFI; John et al., 1991). The BFI consists of 40 items, each rated on a 5-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree). The five dimensions are Neuroticism, Extraversion, Agreeableness, Conscientiousness, and Openness. The Chinese version of the BFI has been found to have acceptable psychometric properties (Wang & Shi, 2005).

2.2. Measures

The Chinese version of the Big Five Inventory (BFI; John et al., 1991) was used to measure the five personality dimensions. The BFI consists of 40 items, each rated on a 5-point Likert scale ranging from 1 (strongly disagree) to 5 (strongly agree). The five dimensions are Neuroticism, Extraversion, Agreeableness, Conscientiousness, and Openness. The Chinese version of the BFI has been found to have acceptable psychometric properties (Wang & Shi, 2005).

e	e	e	e	e	e
∞	∞	∞	∞	∞	∞
α	α	α	α	α	α
β_1	β_2	β_3	β_4	β_5	β_6
β_7	β_8	β_9	β_{10}	β_{11}	β_{12}
β_{13}	β_{14}	β_{15}	β_{16}	β_{17}	β_{18}
β_{19}	β_{20}	β_{21}	β_{22}	β_{23}	β_{24}
β_{25}	β_{26}	β_{27}	β_{28}	β_{29}	β_{30}

3.3. Concurrent validity

3.4. Convergent/discriminant validity

	<i>N</i>	<i>E</i>	<i>O</i>	<i>A</i>	<i>C</i>
1	-1/11	-1/11	1/11	1/11	-1/11
2	-1/11	-1/11	1/11	1/11	-1/11
3	-1/11	-1/11	-1/11	-1/11	-1/11
4	-1/11	-1/11	1/11	1/11	-1/11
5	-1/11	-1/11	1/11	1/11	-1/11

Note: *N* = Neutral; *E* = Extraversion; *O* = Openness; *A* = Agreeableness; *C* = Conscientiousness.

1 = $P_1 < P_2$
2 = $P_1 > P_2$

	<i>N</i>	<i>E</i>	<i>O</i>	<i>A</i>	<i>C</i>
1	-1/11	-1/11	1/11	1/11	1/11
2	-1/11	-1/11	1/11	1/11	1/11
3	-1/11	1/11	1/11	1/11	1/11
4	-1/11	-1/11	1/11	1/11	1/11
5	-1/11	-1/11	1/11	1/11	1/11

1 = $P_1 < P_2$
2 = $P_1 > P_2$

Table 2
Gender differences in personality dimensions between Chinese and American college students

3.5. Analysis of gender and age differences

Table 3 shows the results of the ANOVA analysis of gender and age differences in personality dimensions. The results indicate that there were significant differences in extraversion, agreeableness, and conscientiousness between males and females. There were no significant differences in neuroticism, openness, and extroversion between males and females. There were significant differences in extraversion, agreeableness, and conscientiousness between younger and older students. There were no significant differences in neuroticism, openness, and extroversion between younger and older students.

4. Discussion

A dense grid of handwritten cursive 'e' characters on lined paper. The characters are written in blue ink in a cursive script. They are arranged in rows and columns, filling most of the page. Some characters are more prominent than others, particularly those in the center and along the top and bottom edges. The handwriting appears to be done by a single person, with varying levels of pressure and ink saturation.

the Chinese version of the Bar-On EQ-i. The results showed that the Chinese version had acceptable internal consistency reliabilities ($\alpha = .75$ to $.80$) and test-retest reliabilities ($r = .70$ to $.80$). The results also indicated that the Chinese version had acceptable convergent validity with the Chinese version of the NEO-PI-R ($r = .40$ to $.50$) and acceptable discriminant validity ($r = .10$ to $.20$). The results supported the construct validity of the Chinese version of the Bar-On EQ-i.

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