

Midterm

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Module Five

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Description

Instructions

Multiple Attempts Not allowed. This test can only be taken once.

Force Completion This test can be saved and resumed later.

✖ Question Completion Status:

⚠ Moving to another question will save this response.

Question 1 of 20 > >>

Question 1

0.9 points

Save Answer

From Table 3, which variable (BMI, PA, WI, or DD) is the most highly related to Phyfu? [See the Table footnote for the definition of abbreviations.]

- ☐ BMI
- ☐ PA
- ☐ WI
- ☐ DD

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Question 1 of 20 > >>

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⌵ Question Completion Status:

⚠ Moving to another question will save this response.

⏪ < Question 2 of 20 > ⏩

Question 2

0.9 points [Save Answer](#)

From Table 3, the r for PA and age was -0.252 and was statistically significant. What does this mean?

- ☐ Older people tended to be more active.
- ☐ Older people tended to be less active.
- ☐ Age and physical activity were not related.

⚠ Moving to another question will save this response.

⏪ < Question 2 of 20 > ⏩

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⌵ Question Completion Status:

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<< < Question 3 of 20 > >>

Question 3


0.9 points Save Answer

From Table 4, how much variability does BMI account for in PCS above what age and sex account for?

- ☐ 1%
- ☐ 15%
- ☐ 16%
- ☐ 17%

⚠ Moving to another question will save this response.

<< < Question 3 of 20 > >>

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⚙ Question Completion Status:

⚠ Moving to another question will save this response.

<< < Question 4 of 20 > >>

Question 4

0.9 points

[Save Answer](#)

From Table 4, age and sex (together) explain the least amount of variability for what variable?

- ☐ PCS
- ☐ Physical function
- ☐ MCS
- ☐ Vitality
- ☐ Psychological well-being

⚠ Moving to another question will save this response.

<< < Question 4 of 20 > >>

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⌘ Question Completion Status:

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⏪ < Question 5 of 20 > ⏩

Question 5

0.9 points Save Answer

From the Results section, the 7.6 year SD for age means:

- ☐ Body weight is 7.6% variable.
- ☐ The middle 68% of the scores fall between 55.6 years and 70.8 years.
- ☐ The middle 95% of the scores fall between 48.0 years and 78.4 years.
- ☐ Both b and c

⚠ Moving to another question will save this response.

⏪ < Question 5 of 20 > ⏩

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Question Completion Status:

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<< < Question 6 of 20 > >>

Question 6

0.9 points


[Save Answer](#)

From Table 3, the r for BMI and WI was -0.090 and was not statistically significant. What does this mean?

- ☐ Those with a high BMI tended to have a high WI score.
- ☐ Those with a high BMI tended to have a low WI score.
- ☐ BMI and WI were not related.

⚠ Moving to another question will save this response.

<< < Question 6 of 20 > >>

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Question Completion Status:

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<< < Question 7 of 20 > >>

Question 7

0.9 points

[Save Answer](#)

Based on Table 4, which variable accounted for the most variability in PCS?

- ☐ Age and sex
- ☐ BMI
- ☐ PA
- ☐ None were related.

 Moving to another question will save this response.

<< < Question 7 of 20 > >>

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⚡ Question Completion Status:

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<< < Question 8 of 20 > >>

Question 8

0.9 points [Save Answer](#)

Based on Table 4, age, sex, and BMI all together account for 8% of the variability in Vitality. If the R squared is 8%, what would the correlation coefficient (r) be for this analysis?

- ☐ 0.08
- ☐ 0.0064
- ☐ 0.64
- ☐ 0.28

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⌵ Question Completion Status:

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⏪ < Question 9 of 20 > ⏩

Question 9

0.9 points


[Save Answer](#)

From the Results section, third paragraph, for whom was age more scattered (or more variable)?

- ☐ Those participants with a BMI of 25-30
- ☐ Those participants with a BMI of > 35
- ☐ The variability of their distributions was the same.

⚠ Moving to another question will save this response.

⏪ < Question 9 of 20 > ⏩

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Question Completion Status:

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« < Question 10 of 20 > »

Question 10

0.9 points

Save Answer

From the Results section, the range for age was:

- ☐ 36 years
- ☐ 40 years
- ☐ 63 years
- ☐ 76 years

 Moving to another question will save this response.

« < Question 10 of 20 > »

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⌵ Question Completion Status:

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⏪ < Question 11 of 20 > ⏩

Question 11

0.9 points

Save Answer

In this study, 370 people had quality of life and physical activity levels measured. These 370 people were what?

- ☐ A sample
- ☐ A randomly selected and representative sample
- ☐ A population
- ☐ A random population

⚠ Moving to another question will save this response.

⏪ < Question 11 of 20 > ⏩

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⌵ Question Completion Status:

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⏪ < Question 12 of 20 > ⏩

Question 12

0.9 points

[Save Answer](#)

From Table 4, were age and sex significant predictors of PCS?

☐ Yes☐ No

⚠ Moving to another question will save this response.

⏪ < Question 12 of 20 > ⏩

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✖ Question Completion Status:

⚠ Moving to another question will save this response.

⏪ < Question 13 of 20 > ⏩

Question 13

0.9 points Save Answer

From Table 4, which of the following is a y variable?

- ☐ Vitality
- ☐ Age
- ☐ Sex
- ☐ BMI

⚠ Moving to another question will save this response.

⏪ < Question 13 of 20 > ⏩

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Question Completion Status:

⚠ Moving to another question will save this response.

⏪ < Question 14 of 20 > ⏩

Question 14

0.9 points Save Answer

Based on the data in the Results section, how likely is it that a person would have been a diabetic for 45 years?

- ☐ Very likely since this number is well within plus or minus 1 SD of the mean
- ☐ Unlikely since this number is well within plus or minus 1 SD of the mean
- ☐ Very likely since this number is well outside of plus or minus 3 SD of the mean
- ☐ Unlikely since this number is well outside plus or minus 3 SD of the mean

⚠ Moving to another question will save this response.

⏪ < Question 14 of 20 > ⏩

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✧ Question Completion Status:

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⏪ < Question 15 of 20 > ⏩

Question 15

0.9 points

Save Answer

If given that the median for age was 50 years with a mean of 63.2 years, what would this distribution look like?

- ☐ A platykurtic curve
- ☐ A normally distributed curve
- ☐ A leptokurtic curve
- ☐ A positively skewed curve

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⏪ < Question 15 of 20 > ⏩

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⌵ Question Completion Status:

⚠ Moving to another question will save this response.

⏪ < Question 16 of 20 > ⏩

Question 16

0.9 points Save Answer

From Table 4, what was the unstandardized slope for BMI when predicting PCS in Model 3?

- ☐ -0.67
- ☐ 2.16
- ☐ -1.59
- ☐ 0.09

⚠ Moving to another question will save this response.

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⌘ Question Completion Status:

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⏪ < Question 18 of 20 > ⏩

Question 18

0.9 points

Save Answer

From Table 3, how much variability in Phyfu does BMI account for?

- ☐ -38%
- ☐ 14%
- ☐ 62%
- ☐ 38%

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⏪ < Question 18 of 20 > ⏩

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⌘ Question Completion Status:

⚠ Moving to another question will save this response.

⏪ < Question 19 of 20 > ⏩

Question 19

0.9 points Save Answer

From Table 4, age, sex, and BMI accounted for the largest amount of variability for which variable?

- ☐ PCS
- ☐ Physical function
- ☐ MCS
- ☐ Vitality
- ☐ Psychological well-being

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Force Completion This test can be saved and resumed later.

Question Completion Status:

Save and Submit

 Click **Submit** to complete this assessment.

« < Question 20 of 20

Question 20

0.9 points **Save Answer**

The results of this study can be generalized to whom?

- ☐ All men and women with type II diabetes
- ☐ Men and women over 20 years
- ☐ All people with type II diabetes
- ☐ Men and women between 36 and 76 years with type II diabetes