

Digital Wellness Assignment 10

PART A: PEARSON CORRELATION

Question 1

24 pts

paired variables	correlation coefficient (r) <i>include + or - sign</i>	coefficient of determination (r^2) <i>multiply by 100</i>	standard error of the estimate ($S_{y.x}$)	is the correlation significant? YES or NO
touch (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>
PSS_total_ave (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>
ST_daily_ave (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>
PVS_ave (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>
MICROoptimism (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>
MACROoptimism (IV) & Suicidality (DV)	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>

Question 2

5 pts

In the space below, describe all the significant relationships you found. Use the format:

as __name of IV__ increases, __name of DV__ increases/decreases (whichever is the case). You can leave out the word "probably" here. By now, you should know that every conclusion is "probable".

Edit View Insert Format Tools Table

12pt Paragraph | **B** *I* U A A $\frac{\square}{\square}$ $\frac{\square}{\square}$ $\frac{\square}{\square}$ | | |

Question 3

13 pts

Upload your word doc or pdf with the 6 scatterplots here. Remember, suicidality needs to be on the Y-axis for each, and each scatterplot must show the line of best fit. Put them in the same order as in the table above.

Upload

Choose a File

PART B: REGRESSION

Question 4

4 pts

What predicts suicidality?

What does r equal? Note: r in multiple regression will be +	<input type="text"/>
What does the adjusted r squared equal? Multiply by 100	<input type="text"/> %
What does the sig value in the ANOVA equal?	<input type="text"/>
Does the regression equation predict generalized optimism above chance, probably? Answer YES or NO	<input type="text"/>

Question 5

24 pts

PREDICTOR	standardized beta coeff. with sign +/-	t value with the sign +/-	Sig value	Significant contributor? YES or NO
touch	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
PSS total	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
ST daily average	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
PVS average	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MICRO optimism	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
MACRO optimism	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Question 6

2 pts

The strongest predictor of suicidality is probably _____

- perceived social support
- daily average screen time
- perceived vitality
- micro optimism
- macro optimism
- touch

Question 7

2 pts

Explain how you came to this conclusion.

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12pt Paragraph | **B** *I* U   T^2    |    |     

5 BONUS points

Go to the assignment called "Digital Wellness Assignment 10: Bonus points" to upload a single doc, docx, or pdf. Include all the relevant SPSS output for Parts A and B with the numbers you used highlighted.