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Supplementary Material

Article Title: Impact of Depression on Anxiety, Well-Being, and Suicidality in Mexican Adolescent and Young Adult Students From Mexico City: A Mental Health Screening Using Smartphones

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List of Supplementary Material for the article

1. [Appendix 1](#) Coefficients and Statistical Significance, by SEM Model

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This Supplementary Material has been provided by the author(s) as an enhancement to the published article. It has been approved by peer review; however, it has undergone neither editing nor formatting by in-house editorial staff. The material is presented in the manner supplied by the author.

Appendix 1. Coefficients and statistical significance, by SEM model.

Descriptive statistics for ITEMS – Latent variables and hypothesis testing (Main model)

Item - Latentvariable	Mean	Standard Deviation	T-Statistics	p-value
WHO-5 (question 1) <-> Well-being	0.83	0.04	27.10	0.00
WHO-5 (question 2) <-> Well-being	0.74	0.05	12.91	0.00
WHO-5 (question 3) <-> Well-being	0.73	0.08	16.40	0.00
WHO-5 (question 4) <-> Well-being	0.74	0.06	21.50	0.00
WHO-5 (question 5) <-> Well-being	0.74	0.05	15.14	0.00
PHQ-9 (question 1) <-> Depression	0.17	0.30	0.89	0.48
PHQ-9 (question 2) <-> Depression	0.77	0.03	16.53	0.00
PHQ-9 (question 3) <-> Depression	0.50	0.09	5.61	0.00
PHQ-9 (question 4) <-> Depression	0.60	0.09	8.75	0.00
PHQ-9 (question 5) <-> Depression	0.60	0.11	5.44	0.00
PHQ-9 (question 6) <-> Depression	0.79	0.08	13.32	0.00
PHQ-9 (question 7) <-> Depression	0.50	0.09	5.31	0.00
PHQ-9 (question 8) <-> Depression	0.59	0.13	11.38	0.00
PHQ-9 (question 9) <-> Depression	0.70	0.10	14.88	0.00
GAD-2 (question 1) <-> Anxiety	0.75	0.09	31.26	0.00
GAD-2 (question 2) <-> Anxiety	0.70	0.03	18.88	0.00
C-SSRS (question 1) <-> Suicidal behavior	0.83	0.04	15.21	0.00
C-SSRS (question 2) <-> Suicidal behavior	0.65	0.08	18.22	0.00
C-SSRS (question 3) <-> Suicidal behavior	0.55	0.11	8.21	0.00
C-SSRS (question 4) <-> Suicidal behavior	0.60	0.13	5.21	0.00

Descriptive statistics for ITEMS – Latent variables and hypothesis testing (Males)

Item - Latentvariable	Mean	Standard Deviation	T-Statistics	p-value
WHO-5 (question 1) <-> Well-being	0.86	0.10	9.50	0.00
WHO-5 (question 2) <-> Well-being	0.73	0.16	5.51	0.00
WHO-5 (question 3) <-> Well-being	0.71	0.09	7.05	0.00
WHO-5 (question 4) <-> Well-being	0.72	0.09	14.87	0.00
WHO-5 (question 5) <-> Well-being	0.72	0.11	6.97	0.00
<i>PHQ-9 (question 1) <-> Depression</i>	<i>0.13</i>	<i>0.23</i>	<i>1.49</i>	<i>0.10</i>
PHQ-9 (question 2) <-> Depression	0.77	0.08	21.34	0.00
PHQ-9 (question 3) <-> Depression	0.46	0.17	2.90	0.00
PHQ-9 (question 4) <-> Depression	0.58	0.13	5.90	
PHQ-9 (question 5) <-> Depression	0.57	0.16	3.80	0.00
PHQ-9 (question 6) <-> Depression	0.80	0.12	5.97	0.00
PHQ-9 (question 7) <-> Depression	0.49	0.16	3.46	0.00
PHQ-9 (question 8) <-> Depression	0.61	0.10	6.01	0.00
PHQ-9 (question 9) <-> Depression	0.69	0.09	8.62	0.00
GAD-2 (question 1) <-> Anxiety	0.79	0.08	15.30	0.00
GAD-2 (question 2) <-> Anxiety	0.65	0.11	6.71	0.00
C-SSRS (question 1) <-> Suicidal behavior	0.80	0.19	3.78	0.00
C-SSRS (question 2) <-> Suicidal behavior	0.64	0.22	6.48	0.00
C-SSRS (question 3) <-> Suicidal behavior	0.48	0.10	2.01	0.04
<i>C-SSRS (question 4) <-> Suicidal behavior</i>	<i>0.57</i>	<i>0.26</i>	<i>1.21</i>	<i>0.14</i>

Descriptive statistics for ITEMS – Latent variables and hypothesis testing (Females)

Item - Latentvariable	Mean	Standard Deviation	T-Statistics	p-value
WHO-5 (question 1) <-> Well-being	0.80	0.09	10.21	0.00
WHO-5 (question 2) <-> Well-being	0.73	0.13	5.14	0.00
WHO-5 (question 3) <-> Well-being	0.73	0.08	11.88	0.00
WHO-5 (question 4) <-> Well-being	0.74	0.10	4.45	0.00
WHO-5 (question 5) <-> Well-being	0.75	0.09	6.78	0.00
<i>PHQ-9 (question 1) <-> Depression</i>	<i>0.21</i>	<i>0.23</i>	<i>0.80</i>	<i>0.31</i>
PHQ-9 (question 2) <-> Depression	0.77	0.05	11.40	0.00
PHQ-9 (question 3) <-> Depression	0.52	0.11	5.62	0.00
PHQ-9 (question 4) <-> Depression	0.62	0.09	7.47	0.00
PHQ-9 (question 5) <-> Depression	0.59	0.14	3.16	0.00
PHQ-9 (question 6) <-> Depression	0.78	0.03	16.20	0.00
PHQ-9 (question 7) <-> Depression	0.51	0.16	3.50	0.00
PHQ-9 (question 8) <-> Depression	0.58	0.05	9.21	0.00
PHQ-9 (question 9) <-> Depression	0.73	0.04	11.20	0.00
GAD-2 (question 1) <-> Anxiety	0.73	0.08	9.85	0.00
GAD-2 (question 2) <-> Anxiety	0.72	0.09	10.02	0.00
C-SSRS (question 1) <-> Suicidal behavior	0.84	0.03	14.20	0.00
C-SSRS (question 2) <-> Suicidal behavior	0.66	0.09	6.89	0.00
C-SSRS (question 3) <-> Suicidal behavior	0.59	0.11	8.96	0.00
C-SSRS (question 4) <-> Suicidal behavior	0.61	0.13	4.85	0.00