**Cognitive and socio-emotional correlates of psychological well-being and mental health in Guatemalan adults**

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**Supplemental Table 1** Characteristics of participants in the trial lost to follow up 1

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Death** | **International Migration** | **Did not otherwise participate in 2017-19 study wave** | **Participated in 2017-19 study wave** | **Total** |
|  | **n** |  | **n** |  | **n** |  | **n** |  | **n** |  |
| Female, % | 385 | 41.6 | 252 | 34.9 | 487 | 43.1 | 1268 | 55.5 | 2392 | 48.6 |
| Year of birth | 385 | 1971(1968, 1974) | 252 | 1971(1967, 1974) | 487 | 1970(1967, 1973) | 1268 | 1970(1967, 1974) | 2392 | 1971(1967, 1974) |
| Childhood household SES, SD | 385 | -0.01(-0.61, 0.52) | 252 | 0.08(-0.48, 0.73) | 487 | -0.01(-0.58, 0.52) | 1268 | -0.09(-0.69, 0.39) | 2392 | -0.03(-0.61, 0.52) |
| Maternal age, y | 378 | 26(21, 33) | 248 | 25(21, 32) | 459 | 26(21, 32) | 1259 | 26(21, 32) | 2344 | 26(21, 32) |
| Maternal height, cm | 295 | 148(144, 152) | 187 | 149(146, 152) | 318 | 149(146, 152) | 997 | 148(145, 152) | 1799 | 148(145, 152) |
| Maternal schooling, y | 336 | 0.0(0.0, 2.0) | 228 | 1.0(0.0, 2.0) | 382 | 0.0(0.0, 2.0) | 1223 | 1.0(0.0, 2.0) | 2169 | 1.0(0.0, 2.0) |

1Values presented are medians (25th, 75th percentiles) or percents

**Supplemental Table 2** First-order factor loadings for socio-emotional scales, by gender 1

|  |  |  |
| --- | --- | --- |
|  | **Women** | **Men** |
| Happiness 2 |  |  |
| 1. How happy would you rate yourself?
 | 0.86 | 0.86 |
| 1. How happy would you rate yourself compared to most of your peers?
 | 0.89 | 0.77 |
| 1. Some people are generally very happy. They enjoy life regardless of what is going on, getting the most out of everything. To what extent does this characterization describe you.
 | 0.72 | 0.69 |
| 1. Some people are generally not very happy. Although they are not depressed, they never seem as happy as they might be. To what extent does this characterization describe you.
 | 0.40 | 0.47 |
| Life Satisfaction 3 |  |  |
| 1. My life is going well
 | 0.79 | 0.82 |
| 1. My life is just right
 | 0.79 | 0.76 |
| 1. I wish I had a different kind of life
 | 0.39 | 0.28 |
| 1. I have a good life
 | 0.83 | 0.87 |
| 1. I have what I want in life
 | 0.79 | 0.77 |
| Meaning and Purpose 4 |  |  |
| 1. I understand my life’s meaning
 | 0.82 | 0.83  |
| 1. My life has a clear sense of purpose
 | 0.78 | 0.78  |
| 1. I have a good sense of what makes my life meaningful
 | 0.76 | 0.80  |
| 1. I have discovered a satisfying life purpose
 | 0.81 | 0.80  |
| 1. My life has no clear purpose
 | 0.28 | 0.41  |
| 1. I generally feel that what I do in my life is valuable and worthwhile
 | 0.81 | 0.86  |
| 1. I feel grateful for each day
 | 0.71 | 0.77  |
| 1. My daily life is full of things that are interesting to me
 | 0.83 | 0.80  |
| 1. There is not enough purpose in my life
 | 0.27 | 0.36  |
| Self-efficacy 5 |  |  |
| 1. I can manage to solve difficult problems if I try hard enough
 | 0.71  | 0.72  |
| 1. If someone opposes me, I can find the means and ways to get what I want
 | 0.70  | 0.59  |
| 1. It is easy for me to stick to my aims and accomplish my goals
 | 0.75  | 0.70  |
| 1. I am confident that I could deal efficiently with unexpected events
 | 0.78  | 0.71  |
| 1. Thanks to my talents and skills, I know how to handle unexpected situations
 | 0.82  | 0.76  |
| 1. I can solve most problems if I try hard enough
 | 0.76  | 0.75  |
| 1. I stay calm when facing difficulties because I can handle them
 | 0.75  | 0.74  |
| 1. When I have a problem, I can find several ways to solve it
 | 0.78  | 0.75  |
| 1. If I am in trouble, I can think of a solution
 | 0.77  | 0.71  |
| 1. I can handle whatever comes my way
 | 0.73  | 0.66  |
| Emotional Support 6 |  |  |
| 1. I have someone who understands my problems
 | 0.76 | 0.77 |
| 1. I have someone who will listen to me when I need to talk
 | 0.84 | 0.80 |
| 1. I feel there are people I can talk to if I am upset
 | 0.89 | 0.79 |
| 1. I have someone to talk with when I have a bad day
 | 0.87 | 0.79 |
| 1. I have someone I trust to talk with about my problems
 | 0.87 | 0.87 |
| 1. I have someone I trust to talk with about my feelings
 | 0.87 | 0.82 |
| 1. I can get helpful advice from others when dealing with a problem
 | 0.83 | 0.76 |
| 1. I have someone to turn to for suggestions about how to deal with a problem
 | 0.76 | 0.70 |
| Hope 7 |  |  |
| 1. How hopeful do you feel?
 | 0.78 | 0.72 |
| 1. To what extent are you hopeful about your life?
 | 0.78 | 0.83 |
| 1. To what extent does being optimistic improve your quality of life?
 | 0.84 | 0.73 |
| 1. How able are you to remain optimistic in times of uncertainty?
 | 0.77 | 0.72 |
| Faith 8 |  |  |
| 1. To what extent does faith contribute to your well-being?
 | 0.88 | 0.81 |
| 1. To what extent does faith give you comfort in daily life?
 | 0.89 | 0.91 |
| 1. To what extent does faith contribute to your well-being?
 | 0.90 | 0.88 |
| 1. To what extent does faith give you strength in daily life?
 | 0.79 | 0.80 |

1All factor loadings are statistically significant, p<0.01; 2 Lyubomirsky Subjective Happiness Scale;

3 National Institutes of Health (NIH) Life Satisfaction Survey; 4 NIH Meaning and Purpose Survey;

5 NIH Self-efficacy Survey; 6 NIH Emotional Support; 7 Hope facets of the World Health Organization Quality of Life Spirituality, Religiosity and Personal Beliefs (WHOQoL SRPB); 8 Faith facet of the WHOQoL SRPB.