**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.