**Supplemental Table 1.** Measures used to assesspurpose in life correlates.

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| --- | --- |
| **Measure** | **Assessment** |
| *Perceived Purpose in life*  | Score on the Purpose in Life Test-Short Form.1 |
|  |  |
| *Personality* |  |
|  Extraversion | Score on the extraversion subscale of the Ten-Item Personality Inventory.2 |
|  Agreeableness | Score on the agreeableness subscale of the Ten-Item Personality Inventory.2 |
|  Openness to experience | Score on the openness to experience subscale of the Ten-Item Personality Inventory.2 |
|  Conscientiousness | Score on the conscientiousness subscale of the Ten-Item Personality Inventory.2 |
|  Emotional stability | Score on the emotional stability subscale of the Ten-Item Personality Inventory.2 |
|  |  |
| *Sociodemographic characteristics* | A general sociodemographic questionnaire was used to assess age, gender, race/ethnicity, education, marital status, employment status, and household income.  |
|  |  |
| *Military and trauma characteristics* |  |
| Enlisted/Commissioned vs. Drafted | Were you drafted or did you enlist or earn a commission into the military? |
| Positive effect of military on life | How has being in the military affected your life? Score range: 1-7 (1=Strong negative effect; 7=Strong positive effect) |
| Years of military service | How many years did you spend in the military? |
|  Adverse childhood experiences | Score on Adverse Childhood Experiences Questionnaire.3 |
|  Cumulative trauma burden | Count of potentially traumatic events on the Life Events Checklist for DSM-5.4 |
| *Physical and mental health characteristics*  |  |
|  Number of medical conditions | Sum of the number of medical conditions endorsed in response to the question: “Has a doctor or healthcare professional ever told you that you have any of the following medical conditions?” (e.g., arthritis, cancer, diabetes, heart disease, asthma, kidney disease). Range: 0-24 conditions. |
|  Somatic symptoms | Score on the Somatization subscale of the Brief Symptom Inventory-18.5 |
|  Cognitive functioning | Score on the Medical Outcomes Study Cognitive Functioning Scale.6 |
|  Any disability | Any disability in activities of daily living or instrumental activities of daily living. The following questions was asked: “At the present time, do you need help from another person to do the following?” (e.g., bathe; walk around your home or apartment; get in and out of chair). Endorsement of any of these activities was indicative of having a disability with an activity of daily living. Any disability in instrumental activities of daily living. The following question was asked: “At the present time, do you need help from another person to do the following?” (e.g., pay bills or manage money; prepare bills; get dressed). Endorsement of any of these activities was indicative of having a disability.7 |
|  Physical exercise | Score on the Godin Leisure-Time Exercise Questionnaire.8 |
|  Depressive symptoms | Total score on the Patient Health Questionnaire-2.9 |
|  Anxiety symptoms  | Total score on the Generalized Anxiety Disorder-2.9 |
|  PTSD symptoms  | Total score on the PTSD Checklist for DSM-5.10 |
|  Current AUD | Score ≥8 on the Alcohol Use Disorders Identification Test.11 |
|  Current DUD | Score ≥7 on the Screen of Drug Use,12 which asked “How many days in the past 12 months have you used drugs other than alcohol?” or score of ≥2 to the question: “How many days in the past 12 months have you used drugs more than you meant to?” |
| Current suicidal ideation | Past-year SI was assessed via positive endorsement of any frequency of SI (1 to 5+ times) on Question 2 of the Suicide Behaviors Questionnaire-Revised (SBQ-R):13 “How often have you thought about killing yourself in the past year?” Response options: Never; Rarely (1 time); Sometimes (2 times); Often (3-4 times); and Very Often (5+ times).  |
| Loneliness | Total score on the Brief Loneliness Scale (adapted from the UCLA Loneliness Scale).14 |
| *Psychosocial and spiritual factors* |  |
|  Community integration | Perceived level of community integration: “I feel well integrated in my community (e.g., regularly participate in community activities)” rating 1=strongly disagree to 7=strongly agree. |
|  Structural social support | Response to question: “About how many close friends and relatives do you have (people you feel at ease with and can talk to about what is on your mind)?” |
|  Social support received | Score on the 5-item version of the Medical Outcomes Study Social Support Scale.15,16 |
|  Social support provided | Score on the modified 5-item version of the Medical Outcomes Study Social Support Scale15,16 that assesses the extent to which an individual provided support to others (e.g., “How often do you provide the following kinds of support to others who need it? – I am someone that helps others with daily chores if they were sick.” |
|  Attachment style | Endorsement of secure attachment (response a) to the following question: “Please select the statement below that best describes your feelings and attitudes in relationships17: (a) feeling that it is easy to get close to others and feeling comfortable with them (secure); (b) feeling uncomfortable being close to others (avoidant); or (c) feeling that others are reluctant to get close (anxious/ambivalent). |
|  Religious service attendance | Frequency of attending religious services on the Duke University Religion Index.18 |
|  Private spiritual activities | Frequency of private spiritual activities on the Duke University Religion Index.18 |
|  Intrinsic religiosity | Score on the measure of intrinsic religiosity on the Duke University Religion Index; sample item: “In my life, I experience the presence of the Divine (i.e., God).”18 |
|  Resilience | Score on the Connor-Davidson Resilience Scale-10.19 |
|  Dispositional optimism | Score on the single-item measure of optimism from the Life Orientation Test-Revised20; “In uncertain times, I usually expect the best”); rating 1=strongly disagree to 7=strongly agree. |
|  Dispositional gratitude | Score on the single-item measure of gratitude from the Gratitude Questionnaire21: “I have so much in life to be thankful for” (rating 1=strongly disagree to 7=strongly agree). |

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