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**Table S1. Characteristics of COVID-19 (*T2*) Participants and Non-participants.**

|  |  |  |  |
| --- | --- | --- | --- |
| **CHARACTERISTICS and MEASURES AT *T1* (Pre-COVID-19) N (%)** | **Participants (N=204)** | **Non-participants (N=45)** | ***p*-value** |
| **MDD RISK** |  |  | .339 |
| High | 125 (61.3) | 31 (68.9) |  |
| Low | 79 (38.7) | 14 (31.1) |  |
| **Generation** |  |  | .894 |
| G2 | 92 (45.1) | 22 (48.9) |  |
| G3 | 103 (50.5) | 21 (46.7) |  |
| **Lifetime MDD History** |  |  | .154 |
| Present | 103 (50.5) | 28 (62.2) |  |
| Absent | 101 (49.5) | 17 (37.8) |  |
| **Psychiatric Historya** |  |  | .771 |
| Present | 97 (48.5) | 18 (48.6) |  |
| Absent | 103 (51.5) | 19 (51.4) |  |
| **Recent Medical Historya** |  |  | .858 |
| Present | 76 (39.0) | 15 (40.5) |  |
| Absent | 119 (61.0) | 22 (59.5) |  |
| **SEX** |  |  | .115 |
| Male | 87 (42.6) | 25 (55.6) |  |
| Female | 117 (57.4) | 20 (44.4) |  |
| **MARITAL STATUSa** |  |  | .096 |
| Single/never married | 80 (40.8) | 16 (43.2) |  |
| Married/remarried | 96 (49.0) | 13 (35.1) |  |
| Separated/Divorced/Widowed | 20 (10.2) | 8 (21.6) |  |
| **MEAN (STANDARD DEVIATION)** |  |  |  |
| Age (years) | 40.9 (14.9) | 43.0 (14.6) | .400 |
| Education (level) | 6.7 (1.9) | 7.2 (1.5) | .119 |
| Depression (IDAS-II) | 40.5 (14.0) | 41.9 (12.7) | .532 |
| Suicidal Ideation (IDAS-II) | **7.0 (2.1)** | **8.0 (3.0) \*** | **.011** |
| Anxiety (IDAS-II) | 9.3 (3.6) | 10.3 (4.4) | .119 |
| Traumatic Symptoms (IDAS-II) | **6.7 (3.1)** | **7.8 (3.5)** | **.046** |
| Well Being (IDAS-II) | **23.1 (6.9)** | **20.1 (6.7) \*** | **.011** |

**Note**. For categorical/dichotomous variables, significance obtained via chi-square analysis. For continuous variables, means (and standard deviations) obtained via independent samples *T*-tests. All significance tests are two-tailed, \**p*< .05. aFor some variables, the N’s do not add up to the total sample size due to missing data for individuals.

**Table S2a. COVID-19 Worry Domains and items (1-13\*), *N*= 204.**

|  |  |  |  |
| --- | --- | --- | --- |
| **WORRY SCALE ITEMS** | **FACTOR LOADINGS** | | |
| **DOMAIN 1**  **(Illness & Death)** | **DOMAIN 2**  **(Financial)** | **DOMAIN 3**  **(Social isolation)** |
| Getting COVID-19 | **.78** |  |  |
| Dying from COVID-19 | **.66** |  |  |
| Family members getting COVID-19 | **.86** |  |  |
| Losing a loved one to COVID-19 | **.91** |  |  |
| Unknowingly infected others with COVID-19 | **.68** |  |  |
| Having significant financial burdens because of COVID-19 |  | **.62** |  |
| Losing my Job |  | **.69** |  |
| Not having enough food |  | **.90** |  |
| Not having access to mental health care or medication |  | **.82** |  |
| Not having access to other (non-mental health) medical care or medication |  | **.87** |  |
| Reduction in interactions with other people |  |  | **.94** |
| Separation from family members |  |  | **.66** |
| Being lonely |  |  | **.67** |
| **CRONBACH’s ALPHA** | .89 | .88 | .82 |

Extraction Method: Principal Axis Factoring, showing pattern matrix.

Rotation Method: Oblimin with Kaiser Normalization.

\*Excluded item #14: “Safety of my home” due to low factor loadings (.16, .33, .09) and lack of differentiation (<.10) across two domains.

**Table S2b. COVID WORRY DOMAINS Demographic and risk group differences.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **WORRY DOMAINS Mean (SD)** | | |
| **DOMAIN 1**  **(Illness & Death)** | **DOMAIN 2**  **(Financial)** | **DOMAIN 3**  **(Social Isolation)** |
| **MDD Familial Risk** |  |  |  |
| Low (*n*=79) | 2.4 (0.8) Ϯ | 1.7 (0.8) | **2.1 (0.9) \*** |
| High (*n*=125) | 2.6 (0.8) | 1.7 (0.7) | **2.4 (0.9)** |
| **PSYCHIATRIC HISTORY** |  |  |  |
| No/Only-past (*n*=111) | **2.4 (0.8) \*** | **1.5 (0.6) \*\*** | 2.2 (0.8) |
| Recent (*n*=79) | **2.7 (0.8)** | **1.9 (0.8)** | 2.4 (0.9) |
| **GENERATIONa** |  |  |  |
| G2 (Offspring *n* = 92) | **2.4 (0.8) \*** | **1.6 (0.6) \*** | **2.1 (0.9) \*\*** |
| G3(Grandchildren, *n* = 103) | **2.7 (0.8)** | **1.8 (0.8)** | **2.5 (0.9)** |
| **SEX** |  |  |  |
| Male (*n*=87) | **2.4 (0.8) \*** | 1.7 (0.8) | **2.1 (0.8) \*\*** |
| Female (*n*=117) | **2.6 (0.8)** | 1.7 (0.7) | **2.4 (0.9)** |
| **AGE** |  |  |  |
| < 40 years (*n*=97) | **2.7 (0.8) \*\*** | **1.8 (0.8) \*\*** | **2.5 (0.9) \*\*\*** |
| 40 years+ (*n*=107) | **2.3 (0.8)** | **1.5 (0.6)** | **2.1 (0.9)** |
| **EDUCATION** |  |  |  |
| Less than college degree (*n*=95) | 2.4 (0.8) | **1.8 (0.8) \*** | **2.1 (0.9) \*** |
| College degree or higher (*n*=109) | 2.6 (0.8) | **1.6 (0.6)** | **2.4 (0.9)** |
| **MARITAL STATUS** |  |  |  |
| Single (never married) (*n*=73) | **2.7 (0.8)** | **1.9 (0.8)** | **2.6 (0.9)** |
| Married/remarried (*n*=103) | **2.4 (0.8) \* b** | **1.5 (0.6) \*\* b** | **2.1 (0.9) \*\* b** |
| Separated/divorced/widowed (*n*=28) | 2.4 (0.9) | 1.8 (0.7) | 2.1 (0.8) |

**Note**. Scores in each domain could range from 1-4. Sample mean and standard deviation (SD) for Domain 1, (**I**)= 2.5 (0.8), Domain 2 **(F)** = 1.7 (0.7), Domain 3 (**S**) = 2.3 (0.9). Higher scores mean more frequent worries.

Tests of significance: Independent samples *T*-tests used for MDD Risk, GENERATION, SEX, AGE and EDUCATION; one-way Analysis of Variance (ANOVA) used for MARITAL STATUS (with Bonferroni adjustments for post-hoc comparisons), two-tailed, \*\**p* <.01; \**p* < .05, Ϯ *p* < .10.

a Nine (9) married-in cases were omitted for the “Generation” analysis, and fourteen (14) individuals omitted from the “Psychiatric History” analysis due to completion of ***T1*** after March 2020 (*n*=8) and missing psychiatric history at one or more timepoints prior to ***T2*** (*n*=6).

b Married/remarried group significantly lower than Single/never married group.

**Table S3. *T1*-*T2* IDAS symptom changes according to Disorder Categories among individuals with recent Psychiatric History.**

|  |  |  |  |
| --- | --- | --- | --- |
| **DISORDER CATEGORY -IDAS II SYMPTOMS** | **T1: Mean (SD)** | **T2: Mean (SD)** | ***p*-value** |
| **MOOD DISORDERS (*n*=59)** |  |  |  |
| General Depression | 52.4 (13.8) | 45.6 (14.2) | **.001** |
| Suicidality | 8.2 (3.0) | 7.4 (2.2) | **.031** |
| Anxiety | 11.7 (4.3) | 10.4 (4.7) | **.030** |
| Traumatic Symptoms | 9.2 (3.6) | 7.2 (3.8) | **.001** |
| Wellbeing | 19.0 (6.3) | 19.5 (6.6) | .621 |
| **ANXIETY DISORDERS (*n*=60)** |  |  |  |
| Depression | 48.7 (13.7) | 42.7 (13.2) | **.000** |
| Suicidality | 7.7 (2.8) | 7.0 (1.8) | .059 |
| Anxiety | 11.2 (3.8) | 9.8(4.2) | **.005** |
| Traumatic Symptoms | 8.7 (3.6) | 6.9 (3.7) | **.000** |
| Wellbeing | 20.5 (6.8) | 20.6 (6.4) | .862 |
| **SUBSTANCE USE DISORDERS (*n*=36)** |  |  |  |
| Depression | 47.6 (14.3) | 41.8 (13.4) | **.012** |
| Suicidality | 7.9 (2.9) | 7.2 (2.2) | .157 |
| Anxiety | 10.6 (3.9) | 9.3 (3.6) | **.035** |
| Traumatic Symptoms | 8.4 (3.5) | 7.0 (3.4) | **.008** |
| Wellbeing | 21.2 (6.7) | 20.4 (6.4) | .533 |
| **ANY DISORDER (*n*=79)** |  |  |  |
| Depression | 48.8 (14.2) | 42.9 (13.6) | **.000** |
| Suicidality | 7.8 (2.7) | 7.2 (2.0) | **.022** |
| Anxiety | 11.0 (4.0) | 9.7 (4.3) | **.005** |
| Traumatic Symptoms | 8.5 (3.5) | 6.9 (3.5) | **.000** |
| Wellbeing | 20.3 (6.5) | 20.4 (6.4) | .925 |

**Note.** Means and standard deviations (SD) obtained via paired samples T-tests, two-tailed significance.

**Table S4a. Age effects among no/past psychiatric history group.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SYMPTOMS** | **Less than Age 40 Years**  **(n=47)** | | **Age 40+ Years**  **(n=64)** | |
| **T1:** Mean (SD) | **T2:** Mean (SD) | **T1:** Mean (SD) | **T2:** Mean (SD) |
| DEPRESSION | 36.3 (11.0) | 38.1(12.0) | 33.2 (10.2) | 32.2 (9.7) |
| SUICIDALITY | 6.6 (1.6) | 6.6 (1.2) | 6.5 (1.4) | 6.5 (1.2) |
| ANXIETY | 8.1 (2.4) | 8.2 (2.3) | **7.9 (2.5)** | **7.2 (1.4) \*\*** |
| TRAUMATIC SYMPTOMS | 5.6 (1.9) | 5.8 (2.9) | 5.4 (2.2) | 5.3 (1.9) |
| WELL BEING | **24.6 (6.8)** | **21.7 (7.1) \*\*** | **25.3 (6.4)** | **23.2 (6.3) \*\*\*** |

**Table S4b. Age Effects among recent psychiatric history group.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SYMPTOMS** | **Less than 40 Years**  **(*n*=45)** | | **Age 40+ Years**  **(*n*=34)** | |
|  | ***T1***: Mean (SD) | ***T2***: Mean (SD) | ***T1***: Mean (SD) | ***T2***: Mean (SD) |
| DEPRESSION | **50.3 (15.4)** | **45.2 (14.8) \*** | **48.8 (12.3)** | **39.9 (11.6) \*\*** |
| SUICIDALITY | 7.9 (2.7) | 7.3 (2.2) Ϯ | 7.7 (2.8) | 7.0 (1.8) |
| ANXIETY | 11.3 (4.6) | 10.2 (4.9) | **10.6 (3.2)** | **9.0 (3.2) \*** |
| TRAUMATIC SYMPTOMS | **8.9 (3.9)** | **7.2 (3.8) \*\*** | **8.0 (3.0)** | **6.6 (3.2) \*** |
| WELL BEING | 20.5 (3.4) | 19.8 (6.3) | 20.1 (6.7) | 21.2 (6.5) |

**Figure S1 (Corresponding to Table 2b):** Mean score changes from *T1-T2* according to lifetime Psychiatric History (2-Category)

***F* (1, 372) = 4.8 \***

|  |  |  |
| --- | --- | --- |
| ***F* (1, 374) = 15.8 \*\*\*** |  | ***F* (1, 373) = 5.6 \*** |
| ***F* (1, 373) = 15.2 \*\*\*** | ***F* (1, 373) = 7.3 \*** | **Note.** Estimates (mean scores) obtained using general linear mixed models (GLMM) analysis, with mean IDASII scores at T1 and T2 as dependent variables, and Psychiatric History status as independent variables. Higher mean scores indicate greater psychiatric symptoms or greater wellbeing. All models shown are controlling for family, and one or more of age, marital status, MDD risk, and generation. |