Table S1. Estimates of total, direct, and indirect effects between mandatory quarantine status and probable depression/self-harm/suicidal ideation/depressive symptoms (n=24,378).

| **Paths** | **Unstandardized estimate [95% bias-corrected CI] ‡** | **Standardized estimate ‡** | **% of the total effect** |
| --- | --- | --- | --- |
| *Outcome 1: Probable depression (binary: yes/no) †* |  |  |  |
| **1. Total effect:** quarantined status 🡪 outcome | 0.153 [0.114, 0.195] \*\*\* | 0.062 \*\*\* | \ |
| **2. Direct effect:** quarantined status 🡪 outcome | 0.132 [0.094, 0.173] \*\*\* | 0.054 \*\*\* | 87.1% |
| **3. Indirect effect:** | 0.021 [0.016, 0.027] \*\*\* | 0.008 \*\*\* | 12.9% |
| (1) quarantined status🡪 perceived discrimination🡪 outcome | 0.002 [-0.002, 0.005] | 0.001 | 1.6% |
| (2) quarantined status🡪 perceived discrimination🡪 emotional distress 🡪 outcome | 0.012 [0.010, 0.015] \*\*\* | 0.005 \*\*\* | 8.1% |
| (3) quarantined status🡪 perceived risk of infection🡪 outcome | 0.003 [0.001, 0.006] \*\*\* | 0.002 \*\*\* | 3.2% |
| (4) quarantined status🡪 perceived risk of infection🡪 emotional distress 🡪 outcome | 0.001 [0.000, 0.001] \*\*\* | 0.0004 \*\*\* | 0.6% |
| (5) quarantined status🡪 emotional distress 🡪 outcome | 0.002 [-0.001, 0.006] | 0.001 | 1.6% |
|  |  |  |  |
| *Outcome 2: Self-harm/suicidal ideation (binary: yes/no) †* |  |  |  |
| **1. Total effect:** quarantined status 🡪 outcome | 0.275 [0.236, 0.317] \*\*\* | 0.118 \*\*\* | \ |
| **2. Direct effect:** quarantined status 🡪 outcome | 0.234 [0.195, 0.276] \*\*\* | 0.100 \*\*\* | 84.8% |
| **3. Indirect effect** | 0.041 [0.034, 0.048] \*\*\* | 0.018 \*\*\* | 15.2% |
| (1) quarantined status🡪 perceived discrimination🡪 outcome | 0.030 [0.025, 0.036] \*\*\* | 0.013 \*\*\* | 11.0% |
| (2) quarantined status🡪 perceived discrimination🡪 emotional distress 🡪 outcome | 0.006 [0.005, 0.008] \*\*\* | 0.003 \*\*\* | 2.5% |
| (3) quarantined status🡪 perceived risk of infection🡪 outcome | 0.003 [0.001, 0.006] \*\*\* | 0.002 \*\*\* | 1.7% |
| (4) quarantined status🡪 perceived risk of infection🡪 emotional distress 🡪 outcome | 0.000 [0.000, 0.001] \*\*\* | 0.0002 \*\*\* | 0.2% |
| (5) quarantined status🡪 emotional distress 🡪 outcome | 0.001 [0.000, 0.003] | 0.0005 | 0.4% |
|  |  |  |  |
| *Outcome 3: Depressive symptoms (continuous: scored 0-27)* |  |  |  |
| **1. Total effect:** quarantined status 🡪 outcome | 1.153 [0.799,1.484] \*\*\* | 0.064 \*\*\* | \ |
| **2. Direct effect:** quarantined status 🡪 outcome | 0.913 [0.557, 1.238] \*\*\* | 0.050 \*\*\* | 79.7% |
| **3. Indirect effect** | 0.240 [0.186, 0.306] \*\*\* | 0.013 \*\*\* | 20.3% |
| (1) quarantined status🡪 perceived discrimination 🡪 outcome | 0.019 [-0.021, 0.055] | 0.001 | 1.6% |
| (2) quarantined status🡪 perceived discrimination🡪 emotional distress 🡪 outcome | 0.152 [0.122, 0.189] \*\*\* | 0.008 \*\*\* | 12.5% |
| (3) quarantined status🡪 perceived risk of infection🡪 outcome | 0.029 [0.013, 0.050] \*\*\* | 0.002 \*\*\* | 3.1% |
| (4) quarantined status🡪 perceived risk of infection🡪 emotional distress 🡪 outcome | 0.010 [0.005, 0.016] \*\*\* | 0.0006 \*\*\* | 0.9% |
| (5) quarantined status🡪 emotional distress 🡪 outcome | 0.030 [-0.010, 0.072] | 0.002 | 3.1% |

†Probable depression was defined as a PHQ-9 score above 9; presence of self-harm/suicidal ideation was defined as a score above 0 in the Item 9 of the PHQ-9 scale.

‡ Estimation with adjustment for significant background factors including age, sex, and provincial COVID-19 epidemic level.