Supplementary Table 2. Generalized regression analyses of Symptoms of Depression and Symptoms of Anxiety

| S. Depression | Total sample | Lower Illness Risk | Higher Illness Risk |
|---------------|--------------|--------------------|---------------------|
|               | Pseudo $R^2$=.291 | Pseudo $R^2$=.316 | Pseudo $R^2$=.453 |
| Gender        | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) |
|               | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) |
| Gender        | -0.204 (.049, .358) ** 22.6% (.030) ** | -0.106 (.051, .263) | -0.306 (.030, .582) y | 35.8% (.061) y |
| Age           | -0.102 (-.179, -.025) ** 10.7% (.047) ** | -0.079 (-.158, -.001) ** 8.2% (.062) ** | -0.259 (-.415, -.101) ** 29.5% (.099) ** |
| Susceptibility | .049 (-.036, .133) | - .019 (-.064, .101) | - .159 (-.062, .379) | - |
| Severity      | .044 (-.041, .130) | - .016 (-.097, .065) | - .167 (.047, .287) y 18.1% (.115) y |
| Q. Costs      | .176 (.101, .251) ** 19.3% (.144) ** | .203 (.131, .275) ** 22.5% (.162) ** | .238 (.088, .388) y 26.9% (.075) y |
| Q. Benefits   | -.007 (-.064, .050) | -.006 (-.037, .049) | - .050 (-.139, .040) | - |
| Social Pressure | .025 (-.055, .105) | - .054 (-.030, .137) | - .129 (-.349, .091) | - |
| Self-Efficacy | -.079 (-.155, -.004) y 8.2% (.028) y | -.123 (-.199, -.046) ** 12.9% (.054) ** | -.013 (-.168, .141) | - |
| Resilience    | -.160 (-.218, -.102) ** 17.4% (.075) ** | -.151 (-.211, -.091) ** 16.3% (.079) ** | -.125 (-.253, .002) y | - |
| D. Optimism   | -.034 (-.118, .050) | -.017 (-.057, .091) | - .267 (-.450, -.085) ** 30.7% (.209) y |

| S. Anxiety | Lower Illness Risk | Higher Illness Risk |
|------------|--------------------|---------------------|
| Pseudo $R^2$=.316 | Pseudo $R^2$=.332 | Pseudo $R^2$=.496 |
| Gender        | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) | $b$ (95% CI) |
|               | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) | $b$ (AR^2) |
| Gender        | -.253 (-.086, .419) ** 28.7% (.042) ** | -.302 (.101, .502) y 35.2% (.052) y | .010 (-.324, .304) | - |
| Age           | -.042 (-.113, .029) | -.013 (-.066, .093) | - .256 (-.383, -.128) y 29.0% (.190) y |
| Susceptibility | .091 (.022, .161) ** 9.6% (.045) ** | .115 (.040, .191) y 12.2% (.057) ** | .077 (-.043, .197) | - |
| Severity      | .189 (.106, .272) ** 20.8% (.122) ** | .104 (.018, .189) y 10.9% (.065) ** | .266 (.160, .372) ** 30.4% (.235) ** |
| Q. Costs      | .134 (.062, .205) ** 14.3% (.074) ** | .174 (.093, .256) y 19.0% (.121) y | .102 (.012, .192) y 10.8% (.025) y |
| Q. Benefits   | -.009 (-.066, -.049) | -.020 (-.078, .037) | - .122 (-.044, .289) | - |
| Social Pressure | .023 (-.055, .100) | -.030 (-.070, .129) | - .072 (-.214, .070) | - |
| Self-Efficacy | -.048 (-.117, -.022) | -.084 (-.167, -.002) 8.8% (.029) | -.001 (-.110, .107) y | - |
| Resilience    | -.140 (-.195, -.086) ** 15.1% (.079) ** | -.132 (-.197, -.067) ** 14.1% (.059) ** | -.120 (-.240, .001) y | - |
| D. Optimism   | -.019 (-.086, .049) | -.093 (-.043, .094) | - .128 (-.246, -.011) y 13.6% (.159) y |