Supplemental Table 1: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Pre-Pandemic Adolescent Psychological and Behavioral Adjustment on Maladaptive Behavior during the Pandemic

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.15 (0.16) | -0.11 (0.18) | 0.29 (0.13)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | 0.09 (0.08) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Colombia |  |  |  |
| Intercept | 0.39 (0.13)\*\* | 0.17 (0.12) | 0.25 (0.12)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Italy |  |  |  |
| Intercept | 0.13 (0.08) | 0.28 (0.09)\*\* | -0.15 (0.08)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.25 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | 0.04 (0.08) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Jordan |  |  |  |
| Intercept | 0.02 (0.16) | 0.31 (0.12)\*\* | 0.27 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.16 (0.19) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 0.67 (0.23)\*\* | 0.09 (0.07) | 0.02 (0.06) |
| Kenya |  |  |  |
| Intercept | 0.01 (0.18) | -0.22 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | 0.03 (0.21) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Philippines |  |  |  |
| Intercept | 0.75 (0.12)\*\* | -1.12 (0.47)\* | -0.7 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.38 (0.08)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | -1.55 (0.63)\* | 0.02 (0.06) |
| Sweden |  |  |  |
| Intercept | 0.14 (0.13) | 0.24 (0.13) | 0.1 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.22 (0.15) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Thailand |  |  |  |
| Intercept | -0.43 (0.15)\*\* | 1.53 (0.68)\* | -0.07 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.77 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.21 (0.18) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 2 (0.65)\*\* | 0.02 (0.06) |
| United States |  |  |  |
| Intercept | 0.42 (0.1)\*\* | 0.09 (0.09) | 0.27 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 60.55 (55), p=0.28 | 59.89 (59), p=0.44 | 61.94 (59), p=0.37 |
| RMSEA | 0.03 | 0.01 | 0.02 |
| CFI | 0.96 | 0.99 | 0.95 |
| SRMR | 0.03 | 0.03 | 0.03 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 2: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Internalizing Problems and Maladaptive Behavior during the Pandemic by Confidence in Government’s Response

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.16 (0.16) | -0.12 (0.18) | 0.31 (0.13)\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | 0.09 (0.08) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Colombia |  |  |  |
| Intercept | 0.35 (0.13)\* | 0.16 (0.12) | 0.27 (0.12)\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | 0.07 (0.14) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Italy |  |  |  |
| Intercept | 0.15 (0.08) | 0.28 (0.09)\*\* | -0.15 (0.08)\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | -0.24 (0.12) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.25 (0.12)\* |
| Risk-taking Tendencies in Adolescence | 0.03 (0.08) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.23 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | 0.11 (0.05)\* | -0.01 (0.04) | 0.05 (0.03) |
| Jordan |  |  |  |
| Intercept | -0.04 (0.16) | 0.31 (0.12)\*\* | 0.28 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.1 (0.19) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 0.69 (0.22)\*\* | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Kenya |  |  |  |
| Intercept | -6.84 (3.52) | -0.22 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.01 (0.2) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 4.2 (2.2) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Philippines |  |  |  |
| Intercept | 0.75 (0.12)\*\* | -1.12 (0.48)\* | -0.71 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.38 (0.08)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | -1.54 (0.64)\* | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Sweden |  |  |  |
| Intercept | 0.13 (0.14) | 0.23 (0.13) | 0.1 (0.08) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | 0.23 (0.15) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Thailand |  |  |  |
| Intercept | -0.44 (0.15)\*\* | 1.54 (0.68)\* | -0.11 (0.13) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | -0.76 (0.16)\*\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.27 (0.11)\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.2 (0.18) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 2 (0.65)\*\* | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | -0.17 (0.11) |
| United States |  |  |  |
| Intercept | 0.39 (0.1)\*\* | 0.09 (0.1) | 0.28 (0.11)\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.08 (0.04)\* |
| Risk-taking Tendencies in Adolescence | 0.26 (0.09)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.29 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.07 (0.04) | 0.29 (0.09)\*\* | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.01 (0.06) |
| Internalizing\*Government Confidence | -0.05 (0.03) | -0.01 (0.04) | 0.05 (0.03) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 71.39 (60), p=0.15 | 71.16 (67), p=0.34 | 65.26 (66), p=0.5 |
| RMSEA | 0.04 | 0.02 | 0 |
| CFI | 0.93 | 0.95 | 1 |
| SRMR | 0.03 | 0.031 | 0.031 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 3: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Internalizing Problems and Maladaptive Behavior during the Pandemic by Gender

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.16 (0.16) | -0.08 (0.18) | 0.21 (0.14) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Colombia |  |  |  |
| Intercept | 0.38 (0.13)\*\* | 0.17 (0.12) | 0.23 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Italy |  |  |  |
| Intercept | 0.18 (0.08)\* | 0.27 (0.09)\*\* | -0.16 (0.08)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.26 (0.13)\* |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | 0.28 (0.13)\* |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.2 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Jordan |  |  |  |
| Intercept | 0.09 (0.15) | 0.32 (0.12)\*\* | 0.32 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.19 (0.19) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | 0.66 (0.23)\*\* | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Kenya |  |  |  |
| Intercept | 0.05 (0.18) | -0.19 (0.16) | -0.16 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | 0 (0.21) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Philippines |  |  |  |
| Intercept | 0.74 (0.12)\*\* | 0.09 (0.12) | -0.68 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.37 (0.08)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Sweden |  |  |  |
| Intercept | 0.12 (0.14) | 0.23 (0.13) | 0.11 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.23 (0.14) | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Thailand |  |  |  |
| Intercept | -0.44 (0.15)\*\* | 1.52 (0.68)\* | -0.06 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.76 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | 0.43 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.2 (0.18) | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 1.99 (0.65)\*\* | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| United States |  |  |  |
| Intercept | 0.41 (0.1)\*\* | 0.08 (0.1) | 0.22 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.13 (0.05)\* | 0.09 (0.06) | -0.04 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\*\* | -0.02 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.28 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.28 (0.09)\*\* | 0.22 (0.1)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Internalizing\*Male | -0.06 (0.07) | -0.01 (0.08) | -0.06 (0.05) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 67.56 (64), p=0.36 | 72.08 (68), p=0.34 | 67.84 (67), p=0.45 |
| RMSEA | 0.02 | 0.02 | 0.01 |
| CFI | 0.97 | 0.95 | 0.98 |
| SRMR | 0.03 | 0.034 | 0.032 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 4: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Internalizing Problems and Maladaptive Behavior during the Pandemic by Parental Education

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.15 (0.16) | -0.15 (0.18) | 0.29 (0.13)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | 0.09 (0.08) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Colombia |  |  |  |
| Intercept | 0.4 (0.13)\*\* | 0.18 (0.12) | 0.24 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Italy |  |  |  |
| Intercept | 0.14 (0.08) | 0.28 (0.09)\*\* | -0.16 (0.08)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.25 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | 0.25 (0.12)\* |
| Risk-taking Tendencies in Adolescence | 0.03 (0.08) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Jordan |  |  |  |
| Intercept | 0.02 (0.16) | 0.31 (0.12)\*\* | 0.27 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.16 (0.19) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 0.67 (0.23)\*\* | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Kenya |  |  |  |
| Intercept | 0.01 (0.18) | -0.24 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | 0.03 (0.21) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Philippines |  |  |  |
| Intercept | 0.75 (0.12)\*\* | -1.11 (0.48)\* | -0.7 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.39 (0.09)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | -1.53 (0.64)\* | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Sweden |  |  |  |
| Intercept | 0.15 (0.14) | 0.26 (0.13) | 0.1 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.22 (0.15) | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Thailand |  |  |  |
| Intercept | -0.43 (0.15)\*\* | -0.43 (0.12)\*\* | -0.07 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.77 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04)\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.2 (0.18) | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| United States |  |  |  |
| Intercept | 0.42 (0.1)\*\* | 0.1 (0.1) | 0.26 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\*\* | -0.03 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.29 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.11 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.1 (0.05) |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.1 (0.07) | 0.02 (0.06) |
| Internalizing\*Parental Education | 0.01 (0.03) | 0.03 (0.04) | -0.02 (0.03) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 66.79 (63), p=0.35 | 69.78 (68), p=0.42 | 67.07 (67), p=0.47 |
| RMSEA | 0.02 | 0.01 | 0 |
| CFI | 0.97 | 0.98 | 1 |
| SRMR | 0.03 | 0.033 | 0.032 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 5: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Externalizing Problems and Maladaptive Behavior during the Pandemic by Confidence in Government’s Response

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.17 (0.16) | -0.11 (0.18) | 0.28 (0.13)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | 0.09 (0.08) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Colombia |  |  |  |
| Intercept | 0.35 (0.14)\*\* | 0.17 (0.12) | 0.23 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.06 (0.14) | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | 0.21 (0.21) |
| Italy |  |  |  |
| Intercept | 0.14 (0.08) | 0.27 (0.09)\*\* | -0.15 (0.08) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.3 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | 0.04 (0.08) | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Jordan |  |  |  |
| Intercept | -0.04 (0.16) | 0.32 (0.12)\*\* | 0.3 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.11 (0.19) | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | 0.69 (0.23)\*\* | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Kenya |  |  |  |
| Intercept | -7.31 (3.56)\* | -0.22 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.03 (0.21) | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | 4.5 (2.22)\* | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Philippines |  |  |  |
| Intercept | 0.75 (0.12)\*\* | -1.11 (0.48)\* | -0.67 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.38 (0.08)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | -1.53 (0.64)\* | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Sweden |  |  |  |
| Intercept | 0.15 (0.13) | 0.23 (0.13) | 0.03 (0.1) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.22 (0.15) | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | 0.14 (0.13) |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Thailand |  |  |  |
| Intercept | -0.42 (0.15)\*\* | 1.54 (0.68)\* | -0.06 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.82 (0.18)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.21 (0.05)\*\* | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.22 (0.18) | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 2.01 (0.65)\*\* | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| United States |  |  |  |
| Intercept | 0.42 (0.1)\*\* | 0.09 (0.1) | 0.23 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | 0.02 (0.04) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\* | -0.03 (0.04) | -0.03 (0.04) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.29 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.67 (0.08)\*\* | -0.27 (0.07)\*\* | -0.13 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.24 (0.1)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.02 (0.06) |
| Externalizing\*Government Confidence | 0.02 (0.03) | -0.01 (0.03) | -0.07 (0.05) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 68.31 (61), p=0.24 | 70.47 (67), p=0.36 | 67.71 (64), p=0.35 |
| RMSEA | 0.03 | 0.02 | 0.02 |
| CFI | 0.95 | 0.96 | 0.94 |
| SRMR | 0.03 | 0.03 | 0.03 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 6: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Externalizing Problems and Maladaptive Behavior during the Pandemic by Gender

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.17 (0.16) | -0.1 (0.18) | 0.27 (0.14)\* |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | 0.09 (0.08) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Colombia |  |  |  |
| Intercept | 0.37 (0.13)\*\* | 0.16 (0.12) | 0.25 (0.12)\* |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Italy |  |  |  |
| Intercept | 0.18 (0.08)\* | 0.28 (0.09)\*\* | -0.14 (0.08) |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.27 (0.13)\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.2 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Jordan |  |  |  |
| Intercept | 0.11 (0.15) | 0.33 (0.12)\*\* | 0.26 (0.07)\*\* |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.16 (0.2) | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | 0.67 (0.23)\*\* | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Kenya |  |  |  |
| Intercept | 0.05 (0.18) | -0.2 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.04 (0.22) | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Philippines |  |  |  |
| Intercept | 0.74 (0.12)\*\* | 0.1 (0.12) | -0.67 (0.18)\*\* |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.36 (0.08)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Sweden |  |  |  |
| Intercept | 0.38 (0.15)\* | 0.23 (0.13) | 0.06 (0.09) |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.43 (0.15)\*\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | -0.26 (0.14) |
| Thailand |  |  |  |
| Intercept | -0.43 (0.15)\*\* | 1.52 (0.68)\* | -0.05 (0.12) |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.78 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | 0.12 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.2 (0.18) | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 1.98 (0.65)\*\* | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| United States |  |  |  |
| Intercept | 0.42 (0.09)\*\* | 0.08 (0.1) | 0.24 (0.11)\* |
| Externalizing Problems in Adolescence | 0.02 (0.06) | 0.03 (0.06) | -0.01 (0.08) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.05 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\*\* | -0.02 (0.04) | -0.04 (0.03) |
| Well-being in Adolescence | -0.28 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.06 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.12 (0.06)\* |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.23 (0.1)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.02 (0.07) |
| Externalizing\*Male | -0.08 (0.07) | -0.08 (0.07) | 0.04 (0.07) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 70.73 (64), p=0.26 | 66.91 (68), p=0.51 | 67.3 (65), p=0.4 |
| RMSEA | 0.03 | 0 | 0.02 |
| CFI | 0.95 | 1 | 0.96 |
| SRMR | 0.04 | 0.034 | 0.029 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 7: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Externalizing Problems and Maladaptive Behavior during the Pandemic by Parental Education

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.16 (0.16) | -0.12 (0.18) | 0.32 (0.14)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Colombia |  |  |  |
| Intercept | 0.32 (0.13)\* | 0.19 (0.12) | 0.18 (0.11) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | -0.15 (0.10) |
| Italy |  |  |  |
| Intercept | 0.19 (0.08)\* | 0.29 (0.09)\*\* | -0.16 (0.07)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | -0.25 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.24 (0.12) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | -0.07 (0.07) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | 0.06 (0.04) | 0.05 (0.03) | 0.05 (0.04) |
| Jordan |  |  |  |
| Intercept | 0.1 (0.15) | 0.31 (0.12)\*\* | 0.3 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.22 (0.19) | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | 0.68 (0.22)\*\* | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Kenya |  |  |  |
| Intercept | 0.04 (0.18) | -0.22 (0.16) | -0.09 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | 0.04 (0.21) | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Philippines |  |  |  |
| Intercept | 0.75 (0.12)\*\* | -1.09 (0.48)\* | -0.73 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.38 (0.08)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | -1.49 (0.64)\* | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Sweden |  |  |  |
| Intercept | 0.1 (0.13) | 0.26 (0.13) | 0.06 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.24 (0.15) | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Thailand |  |  |  |
| Intercept | -0.43 (0.15)\*\* | 1.39 (0.69)\* | -0.1 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | -0.76 (0.18)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.2 (0.18) | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 1.86 (0.66)\*\* | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| United States |  |  |  |
| Intercept | 0.41 (0.1)\*\* | 0.1 (0.1) | 0.24 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | 0 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.28 (0.08)\*\* | -0.29 (0.07)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.03 (0.04) |
| Male | -0.64 (0.08)\*\* | -0.27 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.3 (0.09)\*\* | 0.11 (0.04)\*\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | -0.01 (0.06) |
| Externalizing\*Parental Education | -0.09 (0.04)\* | 0.05 (0.03) | 0.05 (0.04) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), p-value | 66.98 (63), p=0.34 | 69.18 (67), p=0.40 | 66.16 (66), p=0.47 |
| RMSEA | 0.02 | 0.02 | 0 |
| CFI | 0.97 | 0.97 | 1 |
| SRMR | 0.03 | 0.032 | 0.032 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 8: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Risk-taking Tendencies and Maladaptive Behavior during the Pandemic by Confidence in Government’s Response

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.2 (0.16) | -0.1 (0.18) | 0.15 (0.15) |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | 0.38 (0.37) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | 0.08 (0.08) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | -0.25 (0.26) |
| Colombia |  |  |  |
| Intercept | 0.35 (0.13)\*\* | 0.17 (0.12) | 0.24 (0.12) |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| Italy |  |  |  |
| Intercept | 0.16 (0.08) | 0.28 (0.09)\*\* | -0.14 (0.08) |
| Externalizing Problems in Adolescence | -0.16 (0.08) | -0.01 (0.05) | -0.26 (0.13)\* |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | 0.25 (0.13)\* |
| Risk-taking Tendencies in Adolescence | 0.04 (0.08) | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | -0.22 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| Jordan |  |  |  |
| Intercept | -0.15 (0.17) | 0.28 (0.12)\* | 0.3 (0.07)\*\* |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.07 (0.2) | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | 0.78 (0.22)\*\* | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | -0.21 (0.08)\* | -0.03 (0.03) | 0.02 (0.04) |
| Kenya |  |  |  |
| Intercept | 0.06 (0.18) | -0.2 (0.16) | -0.16 (0.18) |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | 0.01 (0.2) | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| Philippines |  |  |  |
| Intercept | 0.73 (0.12)\*\* | -1.11 (0.49)\* | -0.68 (0.18)\*\* |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.38 (0.09)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | -1.51 (0.65)\* | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| Sweden |  |  |  |
| Intercept | 0.28 (0.13)\* | 0.22 (0.13) | 0.14 (0.09) |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.39 (0.16)\* | 0.39 (0.17)\* | 0.02 (0.04) |
| Thailand |  |  |  |
| Intercept | -0.44 (0.15)\*\* | 1.53 (0.68)\* | -0.05 (0.12) |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | -0.77 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | 0.41 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.15 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.19 (0.18) | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.05 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 2.01 (0.65)\*\* | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| United States |  |  |  |
| Intercept | 0.41 (0.1)\*\* | 0.09 (0.1) | 0.23 (0.11)\* |
| Externalizing Problems in Adolescence | 0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.27 (0.1)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.11 (0.04)\*\* | -0.13 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.27 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.05 (0.04) | 0.29 (0.09)\*\* | 0.23 (0.09)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.08 (0.07) | 0.03 (0.06) |
| Risk-taking\*Government Confidence | 0.01 (0.04) | -0.03 (0.03) | 0.02 (0.04) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 65.41 (61), p=0.33 | 70.7 (66), p=0.32 | 64.73 (64), p=0.45 |
| RMSEA | 0.02 | 0.02 | 0.01 |
| CFI | 0.97 | 0.95 | 0.99 |
| SRMR | 0.03 | 0.031 | 0.03 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 9: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Risk-taking Tendencies and Maladaptive Behavior during the Pandemic by Gender

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.18 (0.16) | -0.06 (0.18) | 0.26 (0.13)\* |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | 0.18 (0.17) |
| Colombia |  |  |  |
| Intercept | 0.34 (0.13)\*\* | 0.2 (0.12) | 0.26 (0.12)\* |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Italy |  |  |  |
| Intercept | 0.18 (0.08)\* | 0.29 (0.09)\*\* | -0.15 (0.08) |
| Externalizing Problems in Adolescence | -0.16 (0.08) | -0.02 (0.05) | -0.26 (0.13)\* |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | -0.22 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Jordan |  |  |  |
| Intercept | 0.3 (0.12)\* | 0.38 (0.12)\*\* | 0.29 (0.07)\*\* |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 0.78 (0.23)\*\* | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.44 (0.19)\* | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Kenya |  |  |  |
| Intercept | 0.11 (0.18) | -0.19 (0.16) | -0.15 (0.18) |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.02 (0.21) | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Philippines |  |  |  |
| Intercept | 0.73 (0.12)\*\* | 0.1 (0.12) | -0.69 (0.19)\*\* |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.37 (0.08)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Sweden |  |  |  |
| Intercept | 0.23 (0.13) | 0.21 (0.13) | 0.1 (0.09) |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Thailand |  |  |  |
| Intercept | -0.47 (0.14)\*\* | 1.51 (0.71)\* | -0.07 (0.12) |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | -0.77 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | 0.4 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.01 (0.06) | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.15 (0.18) | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 2 (0.68)\*\* | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| United States |  |  |  |
| Intercept | 0.42 (0.09)\*\* | 0.09 (0.09) | 0.27 (0.11)\* |
| Externalizing Problems in Adolescence | 0.01 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.12 (0.04)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.32 (0.1)\*\* | 0.07 (0.05) | -0.01 (0.03) |
| Well-being in Adolescence | -0.27 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.08 (0.04)\* | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.62 (0.07)\*\* | -0.28 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.05 (0.04) | 0.28 (0.09)\*\* | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.02 (0.06) |
| Risk-taking\*Male | -0.11 (0.07) | -0.2 (0.07)\*\* | -0.08 (0.05) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 71.28 (64), p=0.25 | 68.42 (68), p=0.46 | 67.87 (67), p=0.45 |
| RMSEA | 0.03 | 0.01 | 0.01 |
| CFI | 0.95 | 1 | 0.98 |
| SRMR | 0.03 | 0.034 | 0.033 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 10: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Risk-taking Tendencies and Maladaptive Behavior during the Pandemic by Parental Education

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.14 (0.16) | -0.06 (0.18) | 0.06 (0.21) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | 0.17 (0.13) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Colombia |  |  |  |
| Intercept | 0.39 (0.13)\*\* | 0.2 (0.12) | 0.22 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Italy |  |  |  |
| Intercept | 0.16 (0.08)\* | 0.29 (0.09)\*\* | -0.13 (0.08) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | -0.26 (0.13)\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.25 (0.12)\* |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Jordan |  |  |  |
| Intercept | -0.29 (0.31) | 0.38 (0.12)\*\* | 0.34 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.39 (0.18)\* | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | 0.07 (0.3) | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | 0.78 (0.23)\*\* | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Kenya |  |  |  |
| Intercept | -6.51 (3.43) | -0.19 (0.16) | -0.12 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.04 (0.21) | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | 4.04 (2.14) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Philippines |  |  |  |
| Intercept | 0.73 (0.12)\*\* | 0.1 (0.12) | -0.66 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.37 (0.08)\*\* | -0.04 (0.04) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Sweden |  |  |  |
| Intercept | 0.46 (0.15)\*\* | 0.21 (0.13) | 0.03 (0.1) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.57 (0.18)\*\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.37 (0.15)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | 0.11 (0.13) |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.06 (0.04) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Thailand |  |  |  |
| Intercept | -0.44 (0.14)\*\* | 1.51 (0.71)\* | -0.05 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | -0.76 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.4 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | 0.1 (0.04)\* | -0.07 (0.04) | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.16 (0.18) | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 2 (0.68)\*\* | 0.01 (0.06) |
| Risk-taking\*Parental Education | -0.2 (0.12) | -0.2 (0.07)\*\* | -0.05 (0.03) |
| United States |  |  |  |
| Intercept | 0.39 (0.09)\*\* | 0.09 (0.09) | 0.25 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0.01 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.15 (0.09) | 0.07 (0.05) | 0 (0.03) |
| Well-being in Adolescence | -0.28 (0.08)\*\* | -0.3 (0.08)\*\* | -0.06 (0.03)\* |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.04 (0.04) |
| Male | -0.63 (0.08)\*\* | -0.28 (0.07)\*\* | -0.15 (0.06)\* |
| Parental Education | 0.04 (0.03) | 0.28 (0.09)\*\* | 0.24 (0.09)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.06) |
| Risk-taking\*Parental Education | 0.2 (0.08)\* | -0.2 (0.07)\*\* | -0.05 (0.03) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 68.13 (59), p=0.19 | 68.42 (68), p=0.46 | 66.65 (65), p=0.42 |
| RMSEA | 0.03 | 0.01 | 0.01 |
| CFI | 0.94 | 1 | 0.97 |
| SRMR | 0.05 | 0.034 | 0.046 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 11: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Well-being and Maladaptive Behavior during the Pandemic by Confidence in Government’s Response

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.17 (0.16) | -0.08 (0.18) | -0.42 (0.39) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | 0.06 (0.05) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.75 (0.39) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | 0.5 (0.27) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.53 (0.27)\* |
| Colombia |  |  |  |
| Intercept | 0.39 (0.13)\*\* | 0.22 (0.12) | 0.21 (0.12) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Italy |  |  |  |
| Intercept | 0.13 (0.08) | 0.28 (0.08)\*\* | -0.15 (0.08)\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | -0.27 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | 0.04 (0.08) | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | -0.21 (0.07)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Jordan |  |  |  |
| Intercept | 0.01 (0.16) | 0.32 (0.12)\*\* | 0.28 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.18 (0.18) | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | 0.63 (0.23)\*\* | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | -0.16 (0.09) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Kenya |  |  |  |
| Intercept | 0 (0.18) | -0.18 (0.17) | -0.18 (0.18) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | 0.04 (0.21) | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Philippines |  |  |  |
| Intercept | 0.73 (0.12)\*\* | 0.05 (0.11) | -0.7 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | 0.09 (0.10) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.42 (0.08)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | -0.12 (0.07) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Sweden |  |  |  |
| Intercept | 0.14 (0.13) | 0.23 (0.13) | 0.13 (0.08) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.22 (0.14) | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Thailand |  |  |  |
| Intercept | -0.42 (0.15)\*\* | -0.46 (0.12)\*\* | -0.07 (0.12) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | -0.78 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | 0.42 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.16 (0.05)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.21 (0.18) | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | -0.01 (0.04) | 0.04 (0.03) |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | -0.14 (0.09) | 0.01 (0.03) |
| United States |  |  |  |
| Intercept | 0.42 (0.1)\*\* | 0.08 (0.09) | 0.21 (0.11) |
| Externalizing Problems in Adolescence | -0.02 (0.05) | -0.01 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.07 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\*\* | -0.04 (0.04) | -0.05 (0.03) |
| Well-being in Adolescence | -0.26 (0.08)\*\* | -0.17 (0.04)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.15 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.08 (0.05) |
| Parental Education | 0.05 (0.04) | 0.28 (0.08)\*\* | 0.23 (0.10)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.09 (0.07) | 0.03 (0.06) |
| Well-being\*Government Confidence | 0.05 (0.04) | 0.13 (0.04)\*\* | 0.01 (0.03) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 67.95 (61), p=0.25 | 71.09 (68), p=0.38 | 58.03 (63), p=0.65 |
| RMSEA | 0.03 | 0.02 | 0 |
| CFI | 0.95 | 0.96 | 1 |
| SRMR | 0.03 | 0.034 | 0.029 |

b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 12: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Well-being and Maladaptive Behavior during the Pandemic by Gender

|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.19 (0.16) | -0.08 (0.18) | 0.28 (0.14)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Colombia |  |  |  |
| Intercept | 0.39 (0.13)\*\* | 0.17 (0.12) | 0.26 (0.12)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Italy |  |  |  |
| Intercept | 0.18 (0.08)\* | 0.28 (0.09)\*\* | -0.17 (0.08)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.16 (0.11) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.19 (0.07)\*\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Jordan |  |  |  |
| Intercept | 0.13 (0.15) | 0.3 (0.12)\*\* | 0.31 (0.06)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.24 (0.19) | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | 0.66 (0.22)\*\* | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Kenya |  |  |  |
| Intercept | 0.03 (0.18) | -0.19 (0.16) | -0.12 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | 0.05 (0.21) | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Philippines |  |  |  |
| Intercept | 0.74 (0.12)\*\* | 0.1 (0.12) | -0.69 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.36 (0.08)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Sweden |  |  |  |
| Intercept | 0.37 (0.15)\* | 0.23 (0.13) | 0.08 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.42 (0.15)\*\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Thailand |  |  |  |
| Intercept | -0.45 (0.15)\*\* | 1.62 (0.69)\* | -0.07 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.75 (0.16)\*\* |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | 0.39 (0.07)\*\* |
| Risk-taking Tendencies in Adolescence | -0.09 (0.04)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | 0.13 (0.05)\* | -0.04 (0.05) | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.18 (0.18) | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.01 (0.04) | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 2.09 (0.66)\*\* | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| United States |  |  |  |
| Intercept | 0.42 (0.10)\*\* | 0.08 (0.10) | 0.26 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.01 (0.05) | -0.04 (0.05) |
| Internalizing Problems in Adolescence | 0.1 (0.04)\* | 0.09 (0.05) | -0.03 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.1)\* | -0.03 (0.04) | 0 (0.03) |
| Well-being in Adolescence | -0.26 (0.09)\*\* | -0.27 (0.09)\*\* | 0.01 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.02 (0.04) |
| Male | -0.66 (0.08)\*\* | -0.28 (0.07)\*\* | -0.11 (0.05)\* |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.07 (0.03)\* |
| Weeks since Schools Closed | -0.04 (0.06) | 0.07 (0.07) | 0.01 (0.07) |
| Well-being\*Male | -0.04 (0.06) | -0.06 (0.07) | -0.15 (0.05)\*\* |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 70.97 (64), p=0.26 | 71.64 (68), p=0.36 | 71.2 (69), p=0.40 |
| RMSEA | 0.03 | 0.02 | 0.02 |
| CFI | 0.95 | 0.95 | 0.96 |
| SRMR | 0.03 | 0.034 | 0.034 |

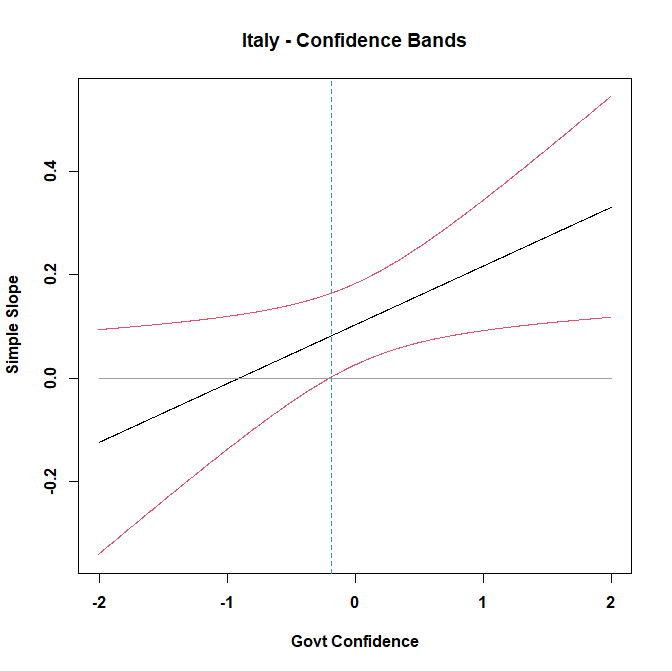
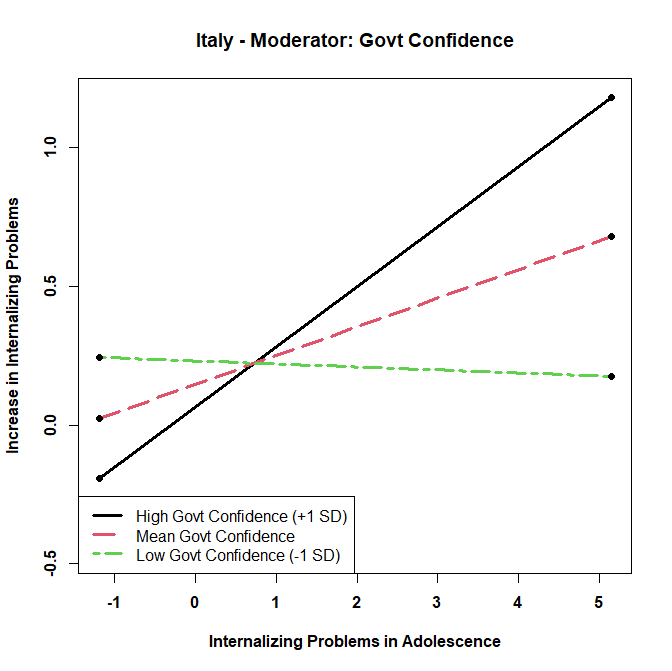
b=standardized coefficient. \**p* < .05, \*\**p* < .01.

Supplemental Table 13: Full Information Maximum Likelihood Multiple Group Path Analyses Estimating Moderation of Relations between Pre-Pandemic Adolescent Well-being and Maladaptive Behavior during the Pandemic by Parental Education

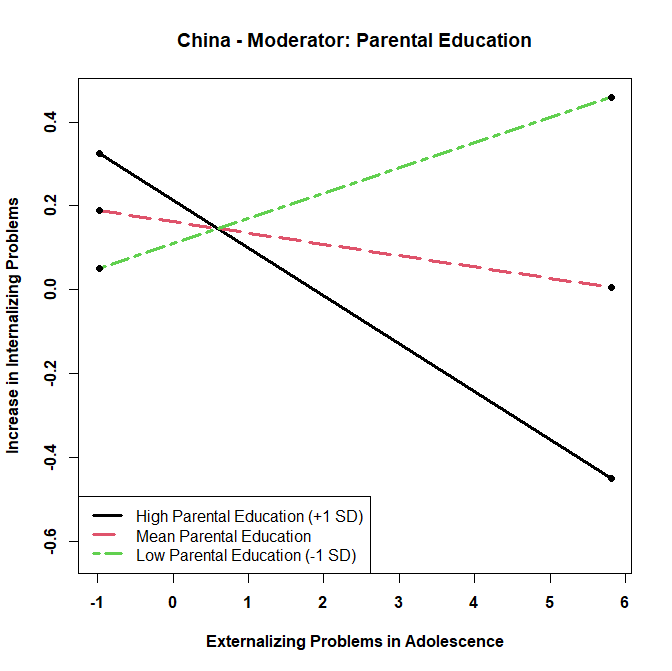
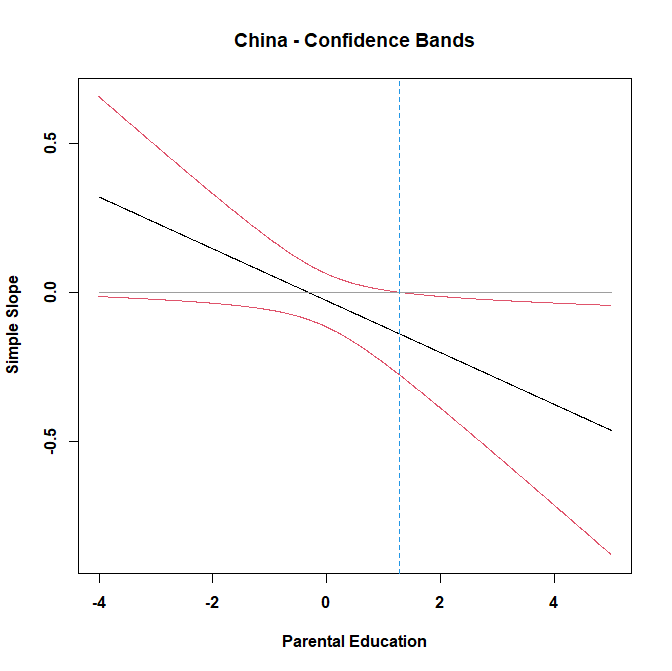
|  |  |  |  |
| --- | --- | --- | --- |
|  | Increase in Internalizing Problems | Increase in Externalizing Problems | Change in Substance Use |
|  | b (SE) | b (SE) | b (SE) |
| China |  |  |  |
| Intercept | 0.17 (0.16) | -0.13 (0.18) | -0.04 (0.25) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | 0.19 (0.14) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.21 (0.11) |
| Colombia |  |  |  |
| Intercept | 0.38 (0.13)\*\* | 0.17 (0.12) | 0.24 (0.12)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Italy |  |  |  |
| Intercept | 0.18 (0.08)\* | 0.29 (0.09)\*\* | -0.16 (0.08)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | -0.26 (0.13)\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.26 (0.13)\* |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | -0.2 (0.07)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Jordan |  |  |  |
| Intercept | 0.09 (0.15) | 0.32 (0.12)\*\* | 0.32 (0.07)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.21 (0.19) | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | 0.66 (0.23)\*\* | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Kenya |  |  |  |
| Intercept | 0.04 (0.18) | -0.19 (0.16) | -0.14 (0.18) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | 0.04 (0.21) | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Philippines |  |  |  |
| Intercept | 0.73 (0.12)\*\* | 0.11 (0.12) | -0.72 (0.18)\*\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.36 (0.09)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Sweden |  |  |  |
| Intercept | 0.13 (0.13) | 0.25 (0.13) | 0.09 (0.09) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.22 (0.15) | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Thailand |  |  |  |
| Intercept | -0.45 (0.15)\*\* | 1.74 (0.69)\* | -0.08 (0.12) |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | -0.76 (0.17)\*\* |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | 0.4 (0.08)\*\* |
| Risk-taking Tendencies in Adolescence | -0.11 (0.04)\*\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | 0.11 (0.04)\*\* | -0.08 (0.04) | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.17 (0.19) | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | -0.01 (0.04) | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 2.17 (0.65)\*\* | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | -0.17 (0.08)\* | 0.02 (0.03) |
| United States |  |  |  |
| Intercept | 0.42 (0.10)\*\* | 0.10 (0.09) | 0.25 (0.11)\* |
| Externalizing Problems in Adolescence | -0.03 (0.05) | -0.02 (0.05) | 0 (0.05) |
| Internalizing Problems in Adolescence | 0.11 (0.04)\* | 0.09 (0.05) | -0.06 (0.04) |
| Risk-taking Tendencies in Adolescence | 0.25 (0.10)\* | -0.03 (0.04) | -0.01 (0.03) |
| Well-being in Adolescence | -0.28 (0.08)\*\* | -0.32 (0.07)\*\* | -0.04 (0.03) |
| Confidence in Government's Pandemic Response | -0.07 (0.04) | -0.12 (0.04)\*\* | -0.05 (0.04) |
| Male | -0.65 (0.08)\*\* | -0.29 (0.07)\*\* | -0.09 (0.05) |
| Parental Education | 0.06 (0.04) | 0.29 (0.09)\*\* | 0.09 (0.03)\*\* |
| Weeks since Schools Closed | -0.05 (0.06) | 0.08 (0.07) | 0.02 (0.06) |
| Well-being\*Parental Education | 0.02 (0.03) | 0.07 (0.03)\* | 0.02 (0.03) |
| Model Fit Statistics |  |  |  |
| Chi Square (DOF), *p*-value | 70.41 (64), p=0.27 | 66.44 (67), p=0.50 | 67.88 (66), p=0.41 |
| RMSEA | 0.03 | 0 | 0.01 |
| CFI | 0.95 | 1 | 0.97 |
| SRMR | 0.03 | 0.031 | 0.031 |

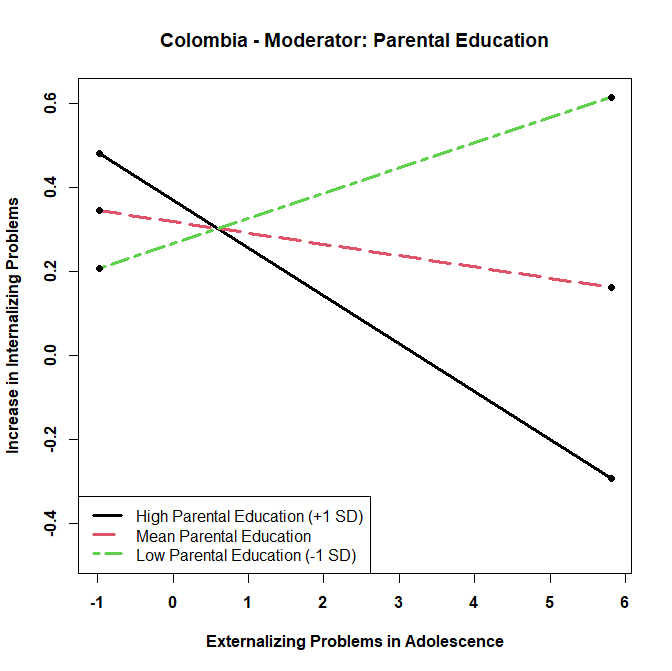
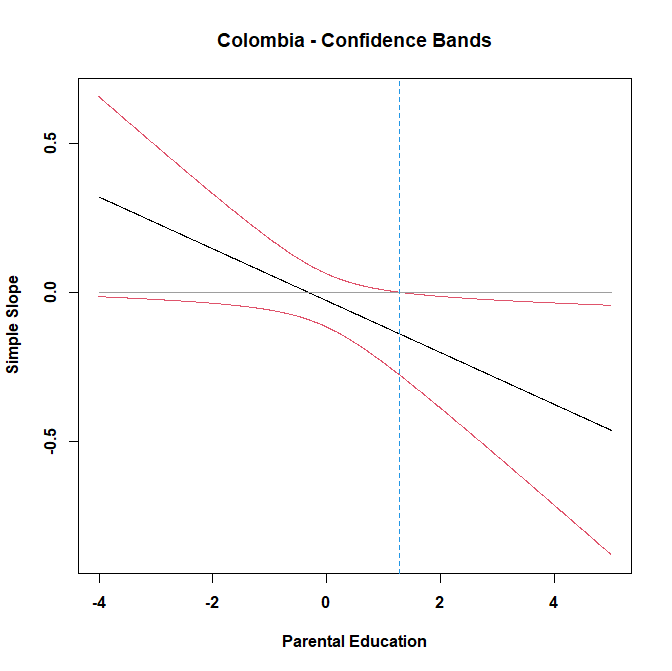
b=standardized coefficient. \**p* < .05, \*\**p* < .01.

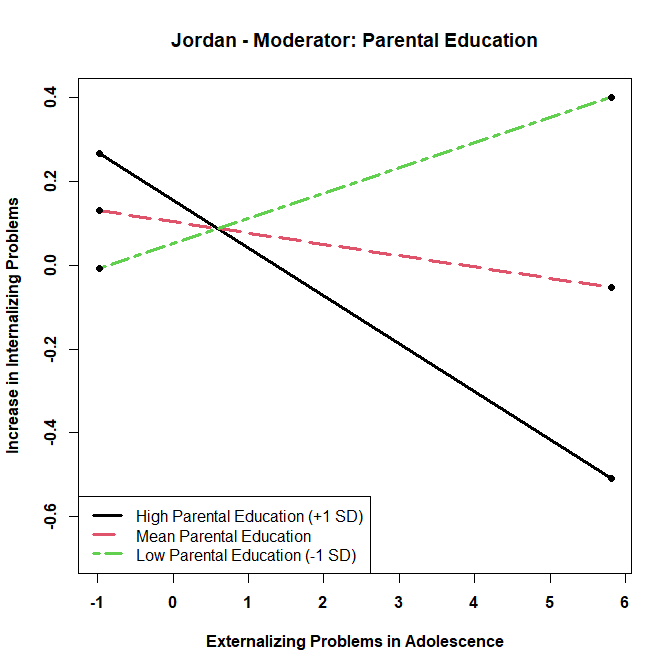
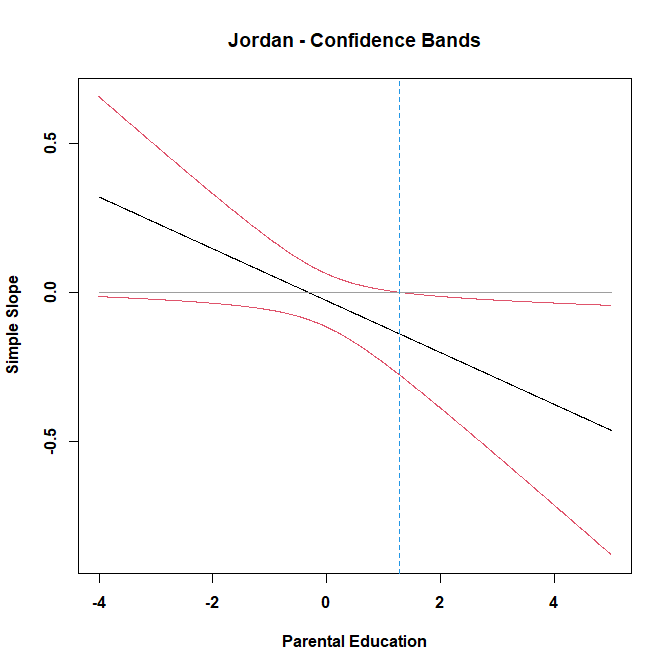
Supplemental Figure 1: Moderation of Relation between Internalizing Problems in Adolescence and Increase in Internalizing Problems during the Pandemic by Confidence of Government’s Handling of Pandemic

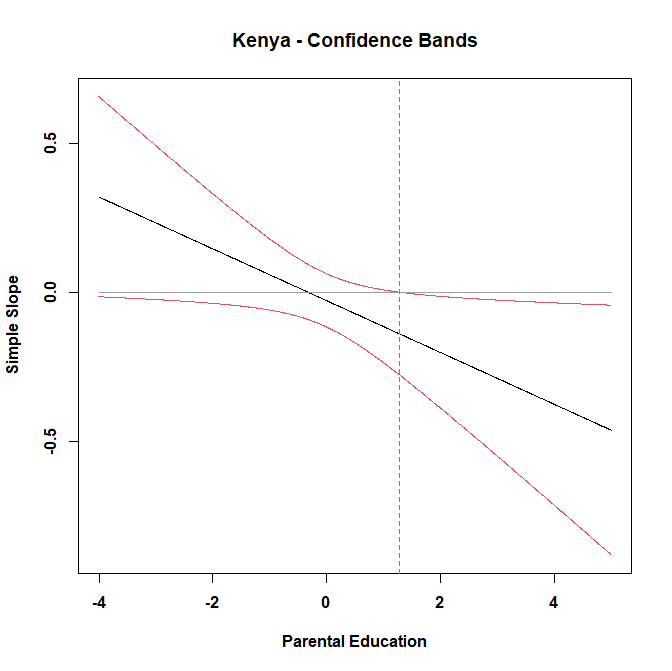
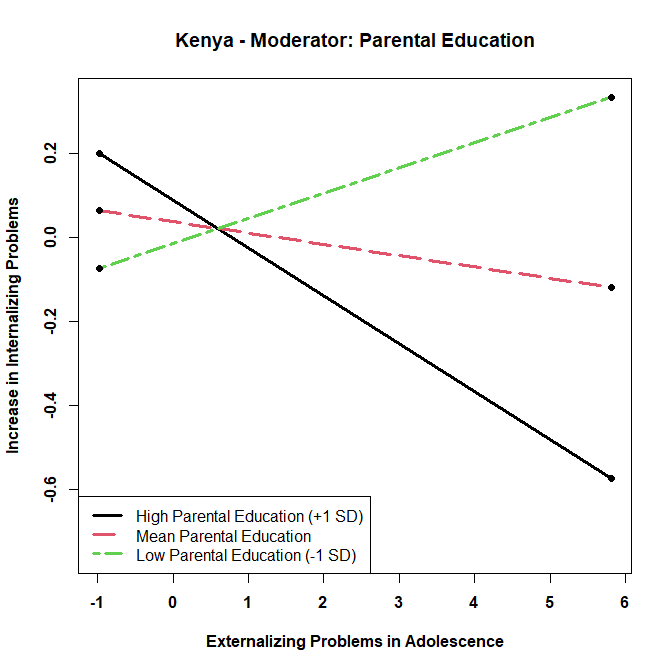


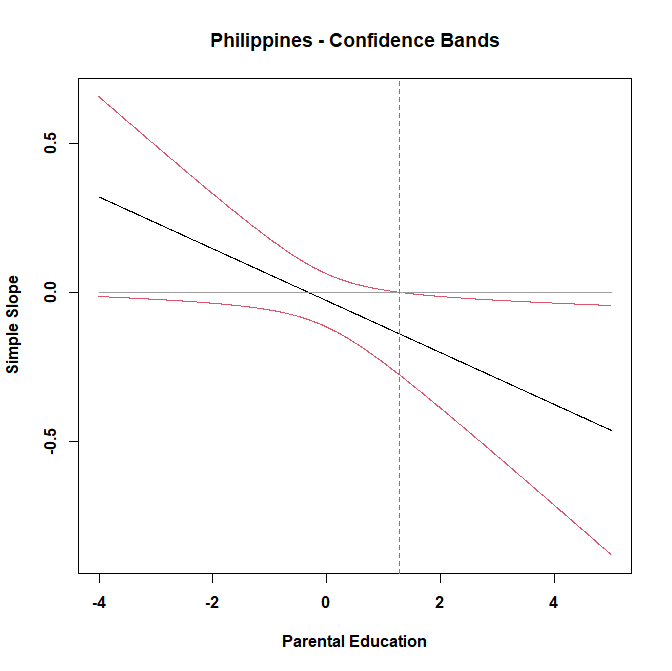
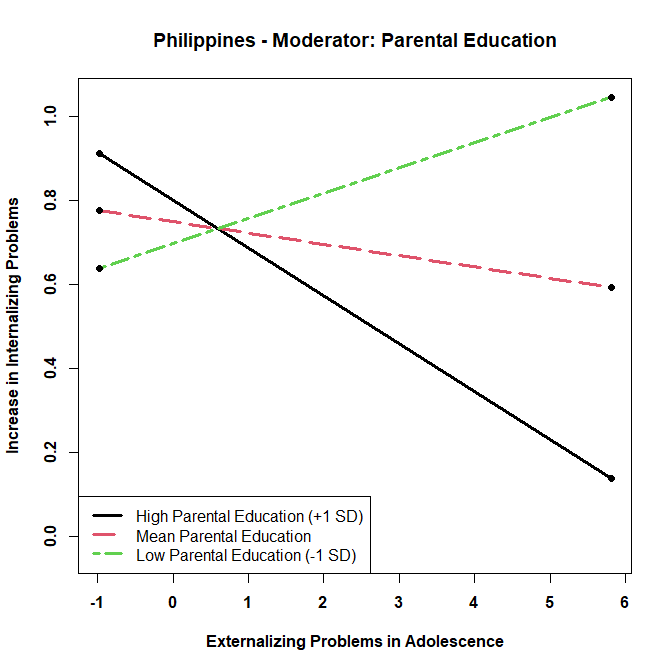
Supplemental Figure 2: Moderation of Relation between Externalizing Problems in Adolescence and Increase in Internalizing Problems during the Pandemic by Parental Education

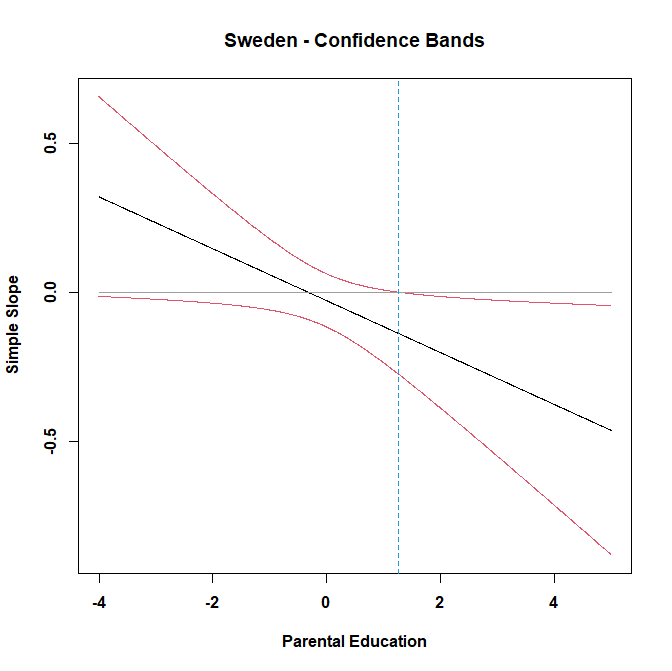
 

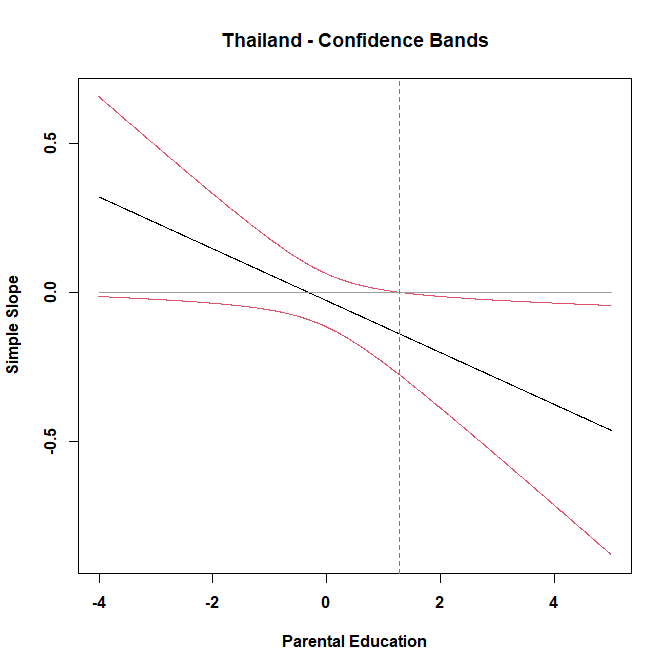
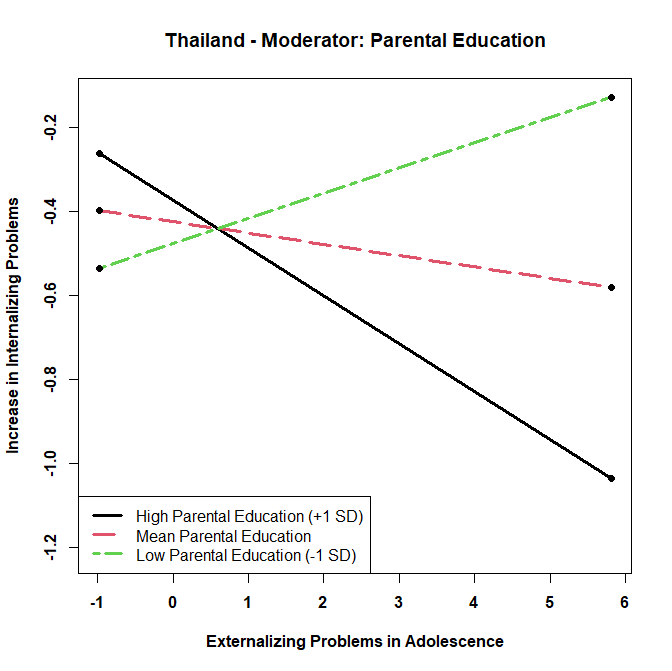
 

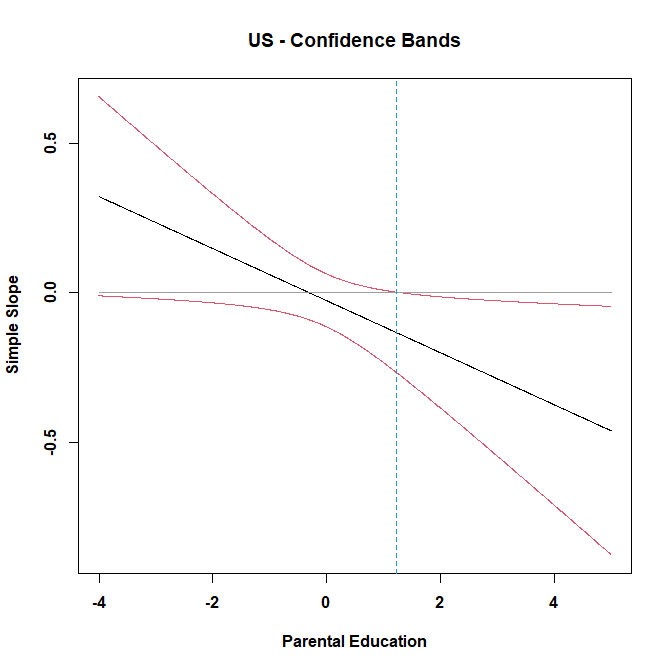
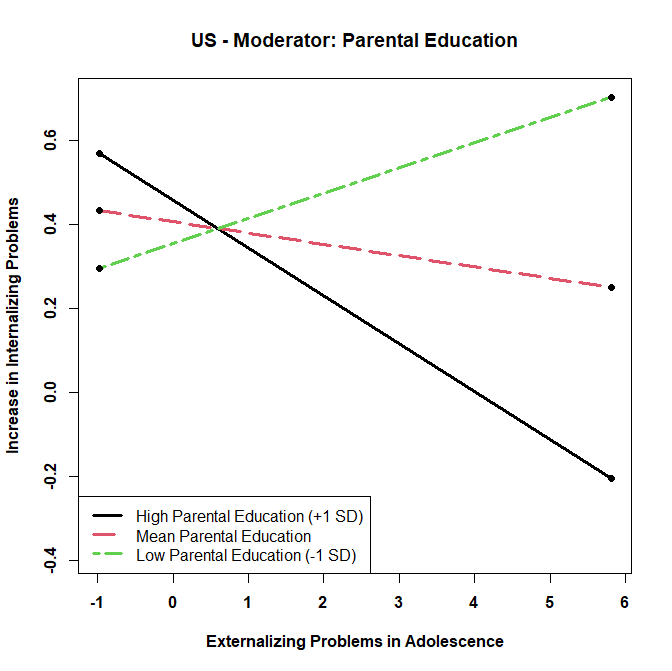
 



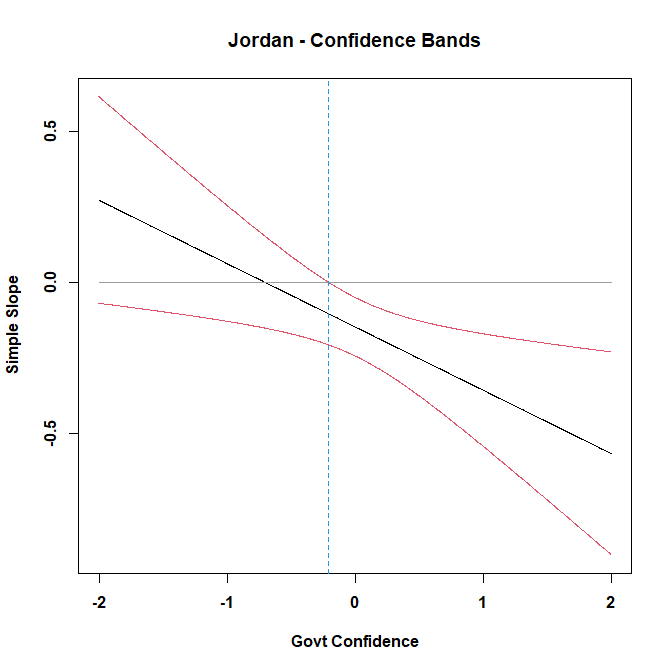
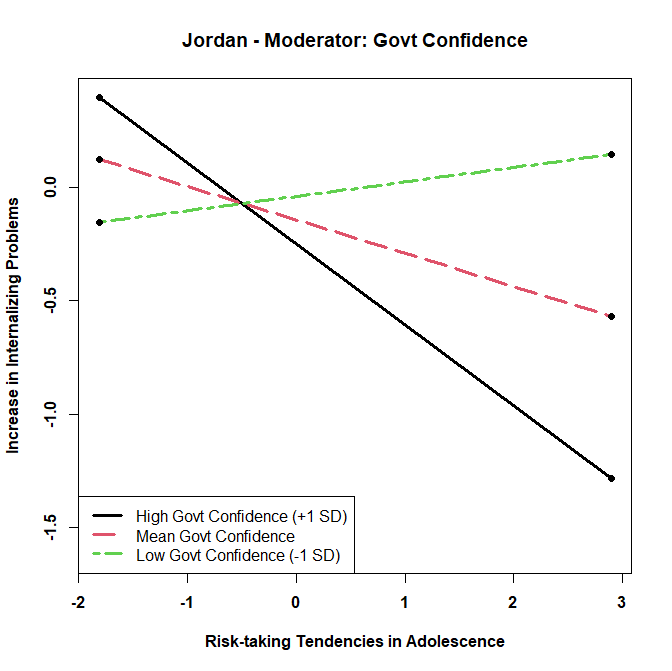


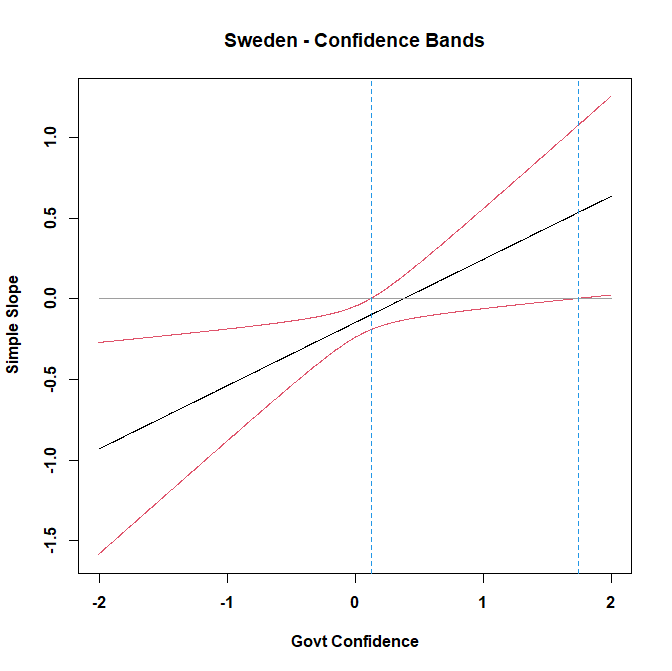
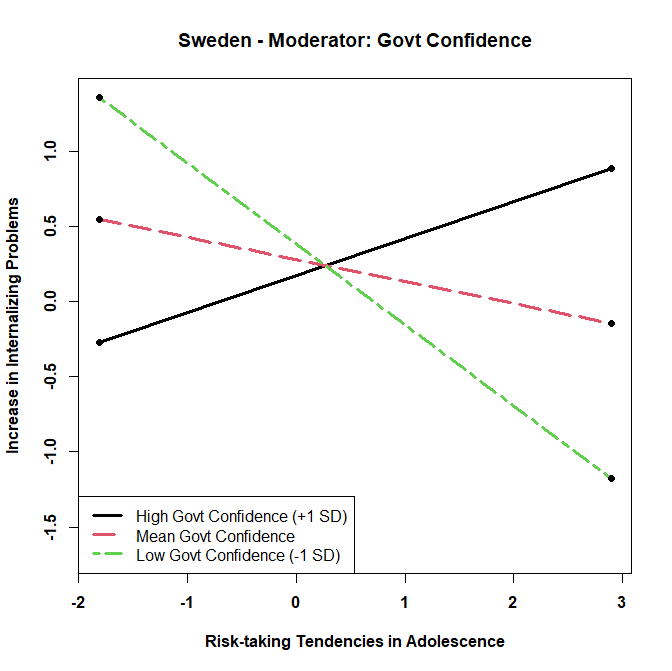




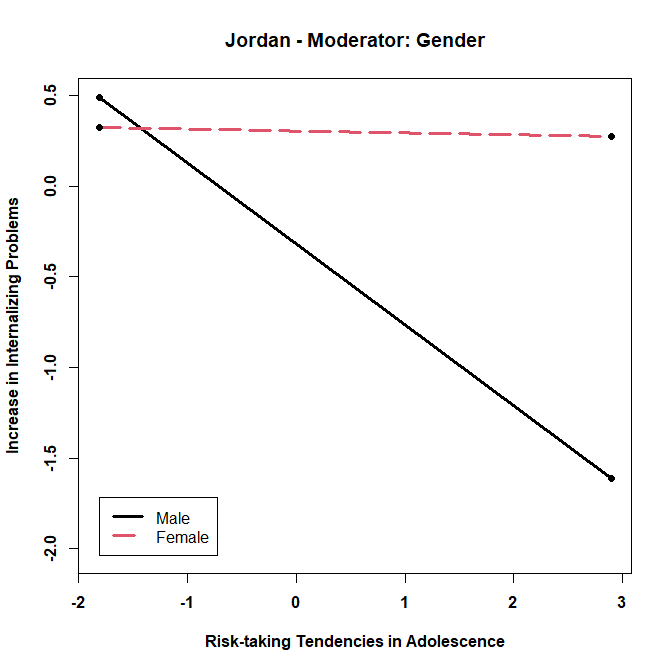
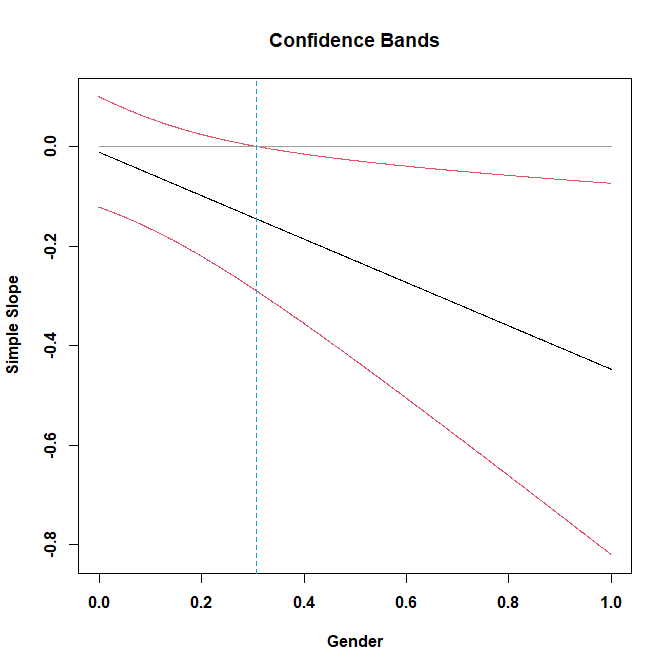


Supplemental Figure 3: Moderation of Relation between Risk-Taking Tendencies in Adolescence and Increase in Internalizing Problems during the Pandemic by Confidence of Government’s Handling of Pandemic

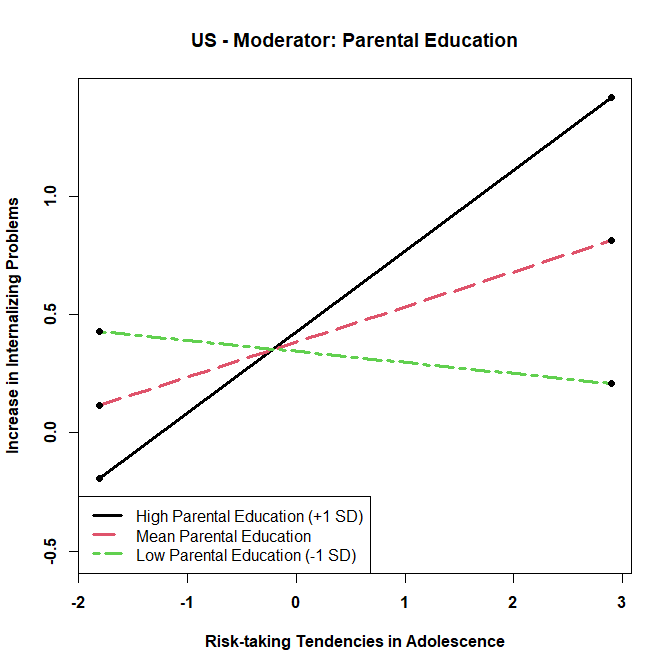
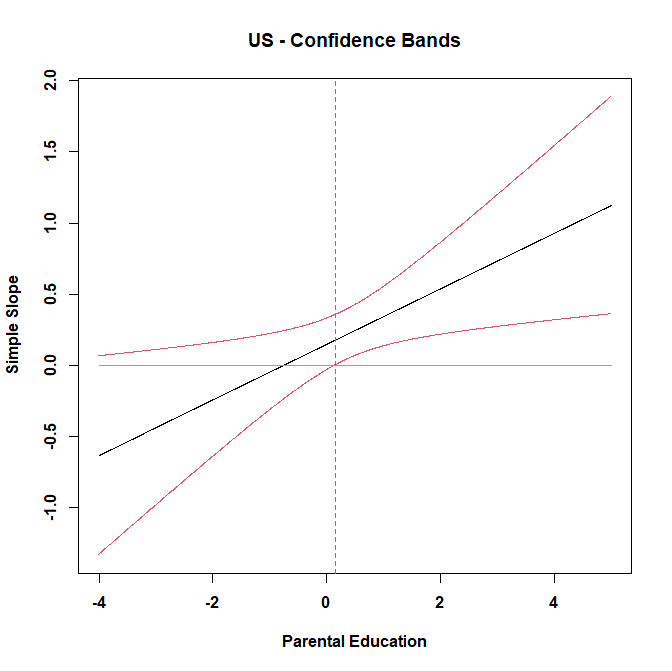




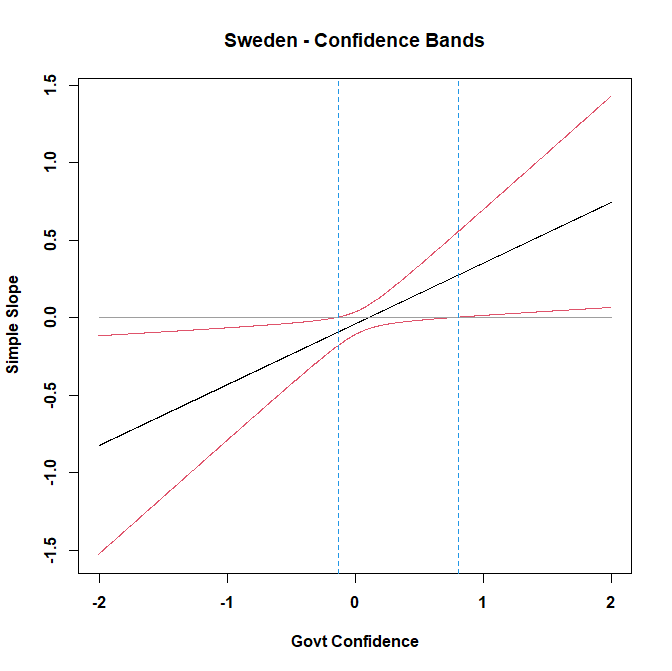
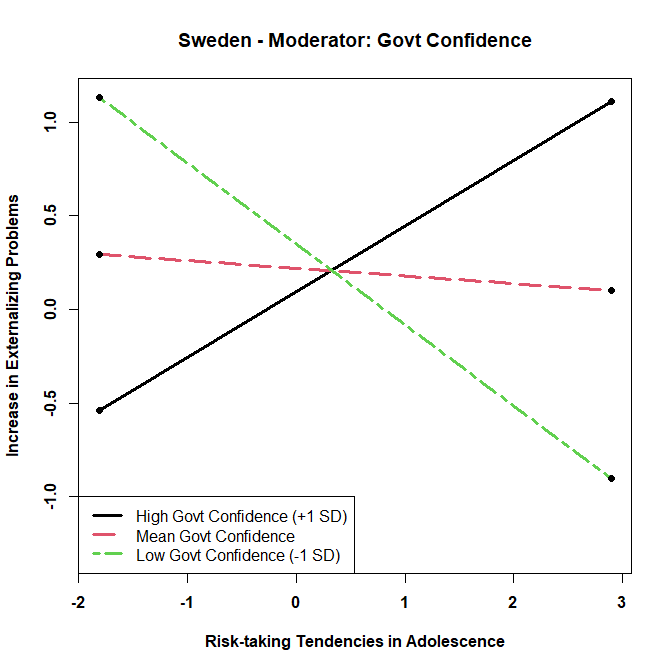
Supplemental Figure 4: Moderation of Relation between Risk-Taking Tendencies in Adolescence and Increase in Internalizing Problems during the Pandemic by Gender

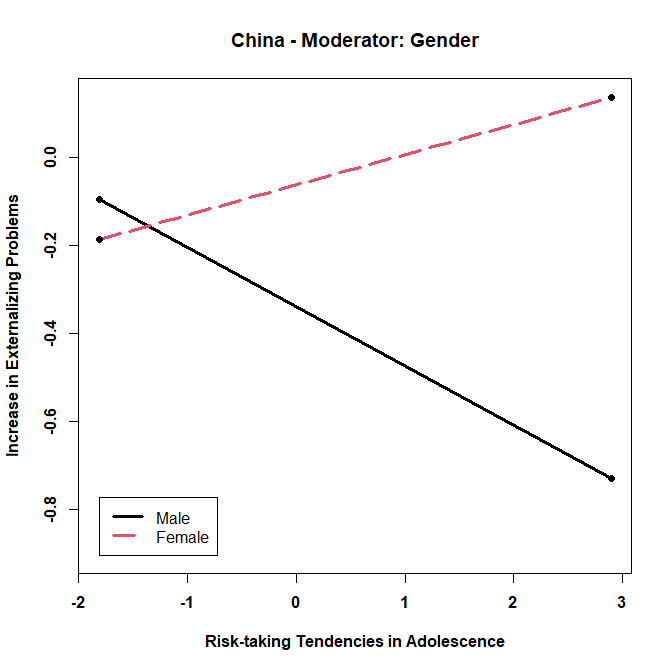
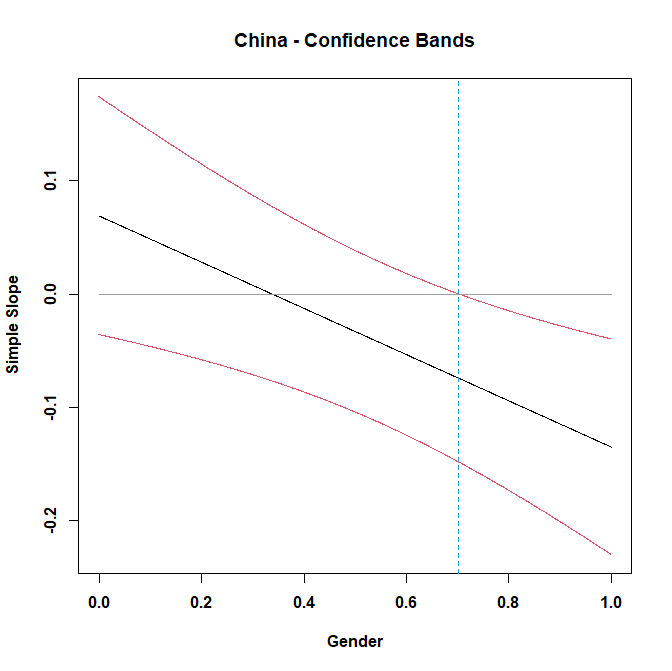
Supplemental Figure 5: Moderation of Relation between Risk-Taking Tendencies in Adolescence and Increase in Internalizing Problems during the Pandemic by Parental Education

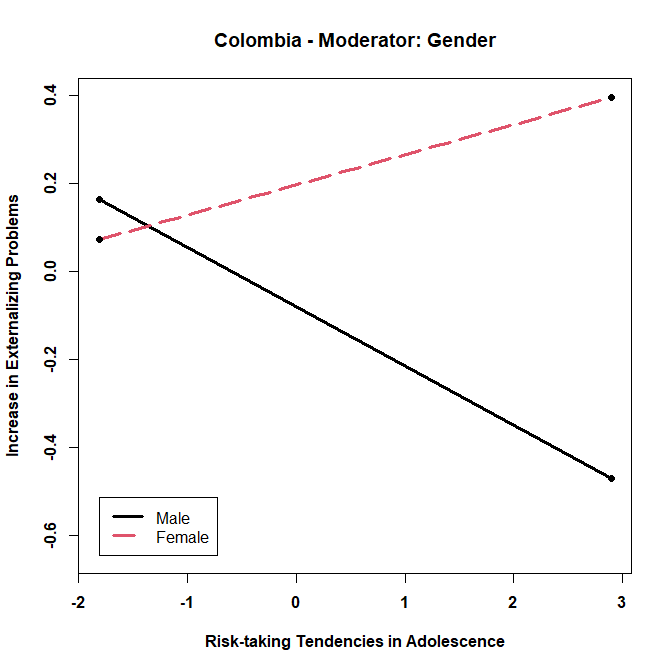
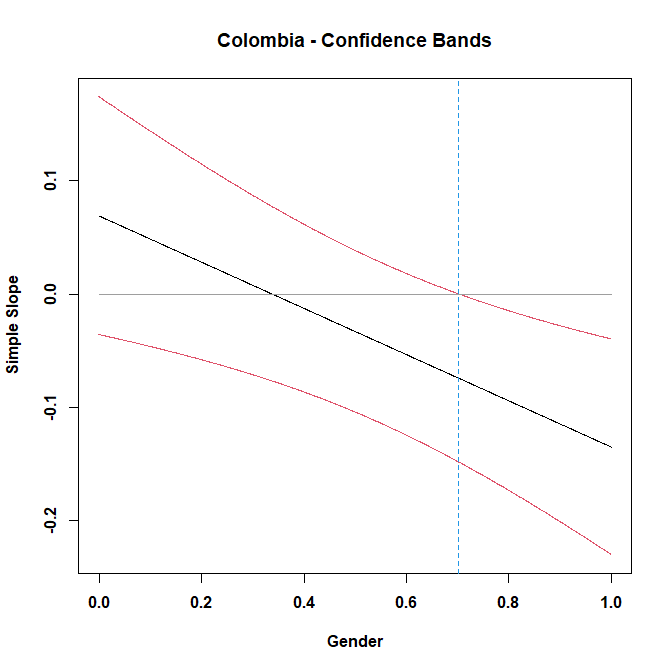
 

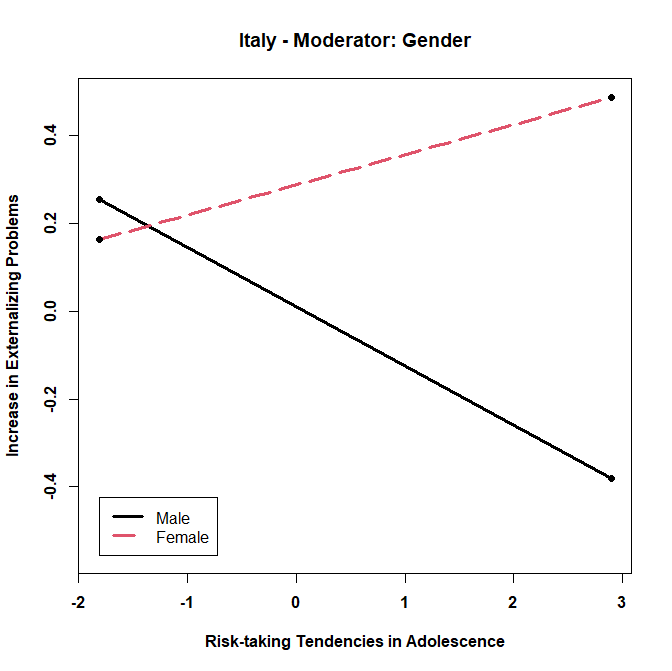
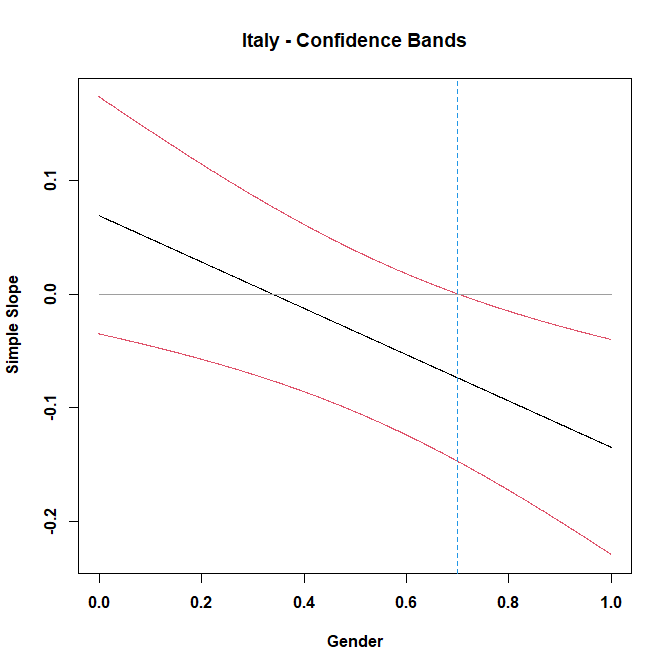
Supplemental Figure 6: Moderation of Relation between Risk-Taking Tendencies in Adolescence and Increase in Externalizing Problems during the Pandemic by Confidence of Government’s Handling of Pandemic

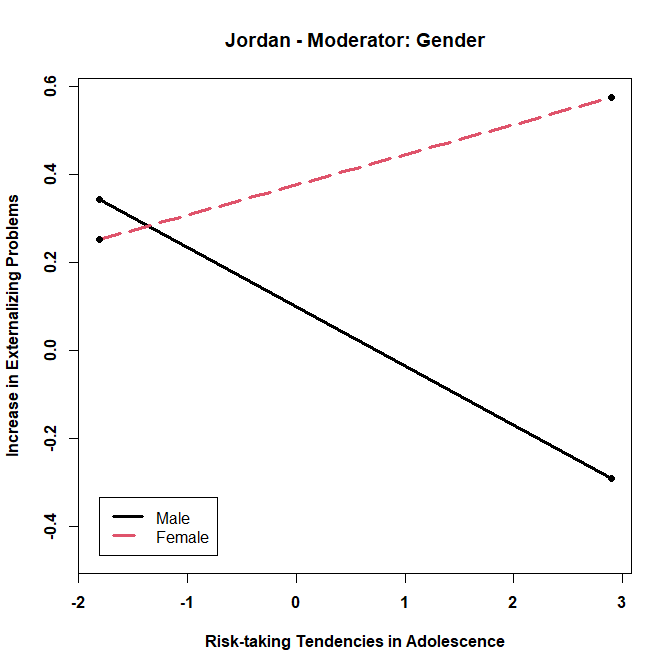
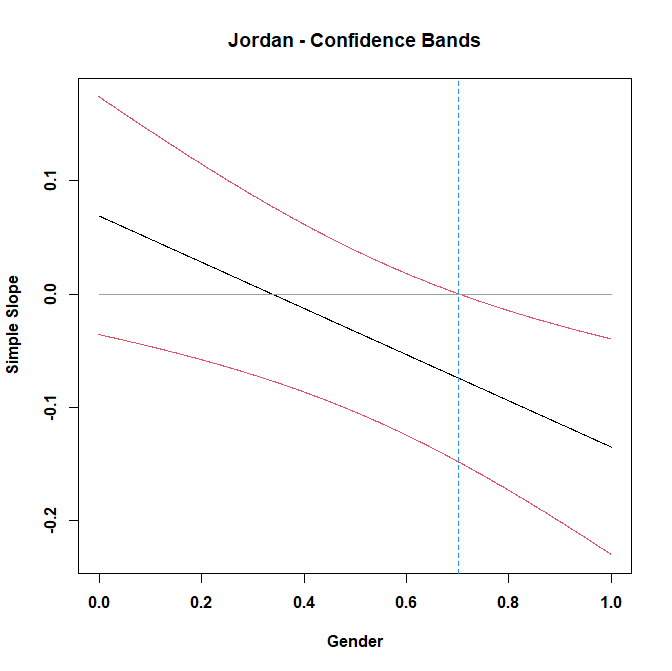


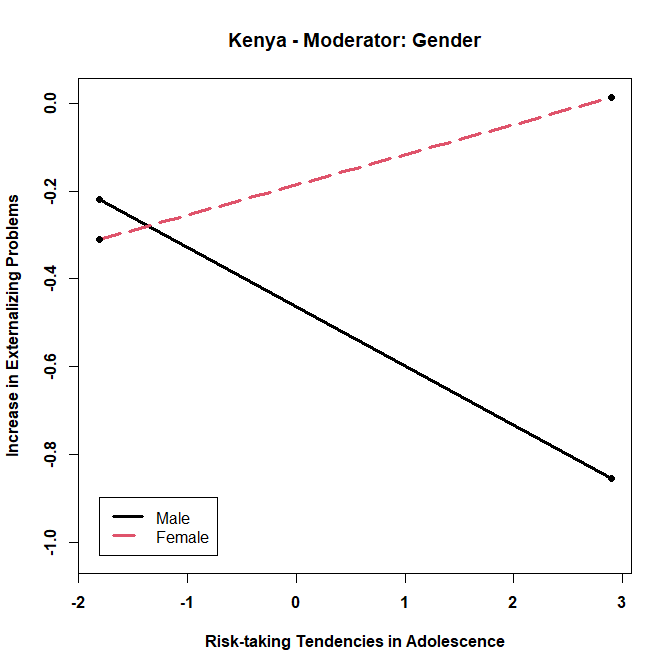
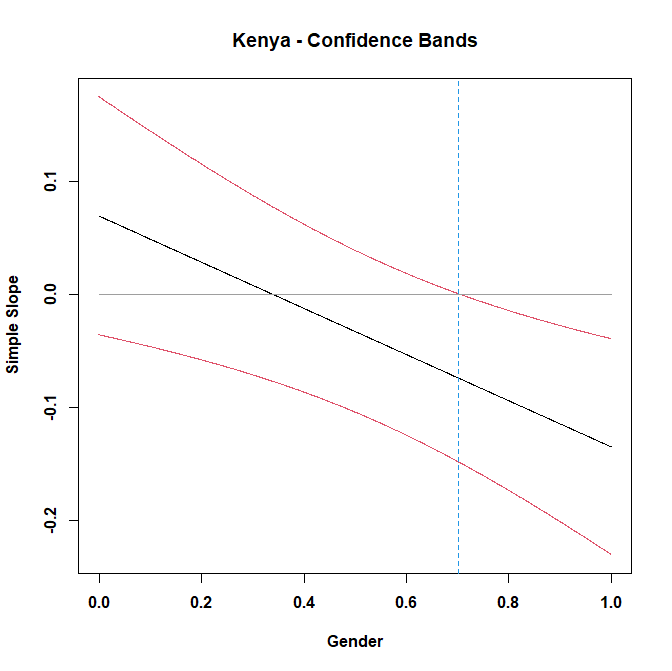
Supplemental Figure 7: Moderation of Relation between Risk-Taking Tendencies in Adolescence and Increase in Externalizing Problems during the Pandemic by Gender

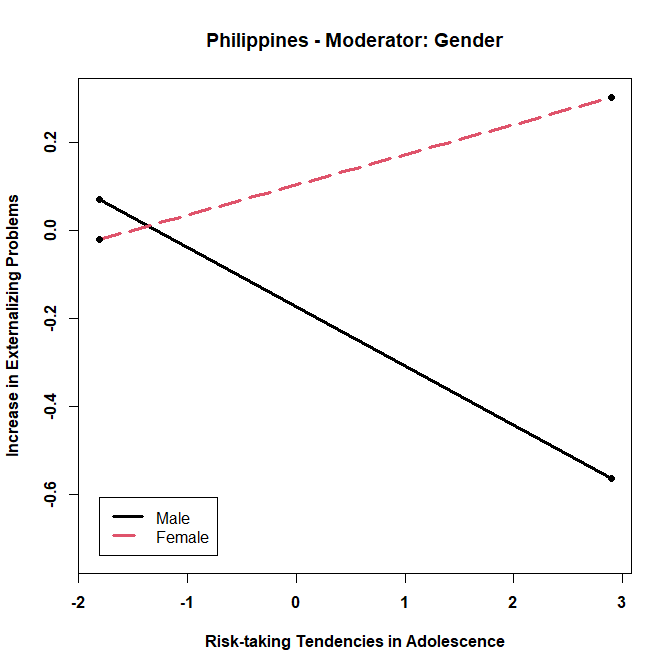
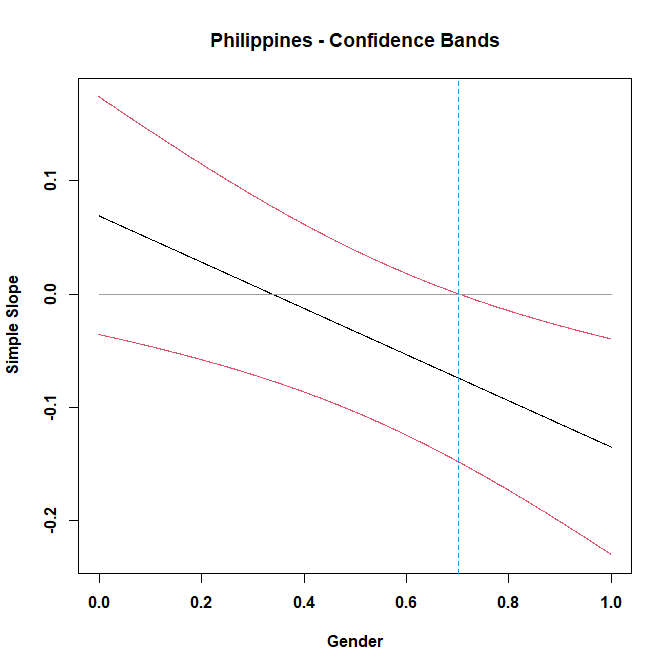
 

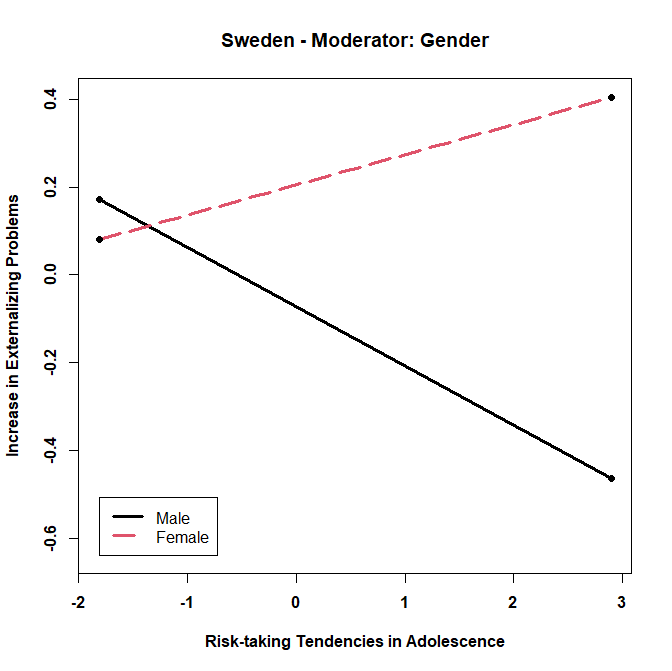
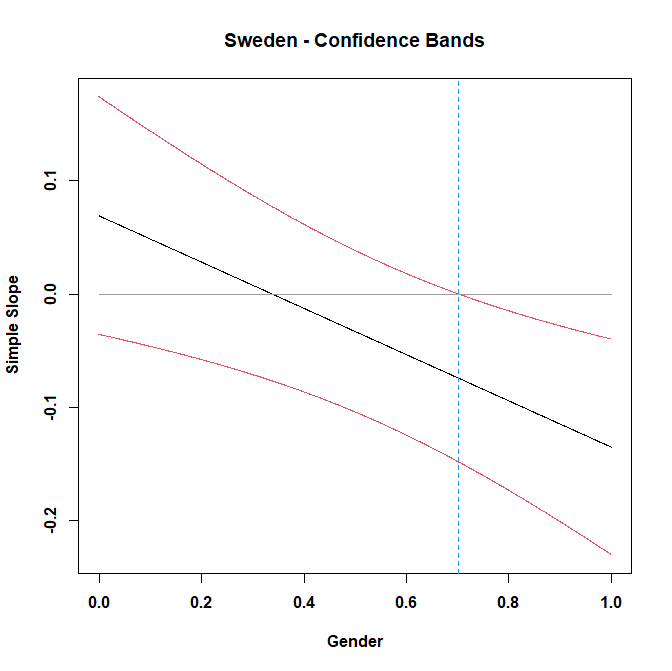
 

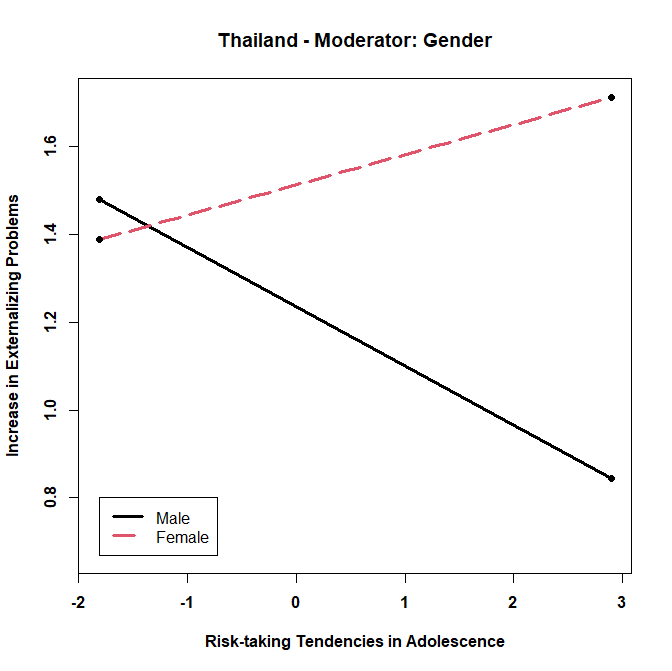
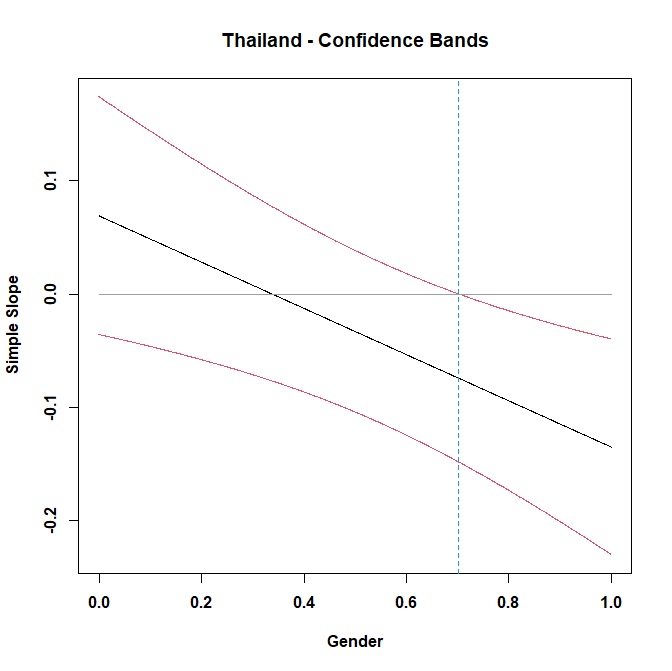
 

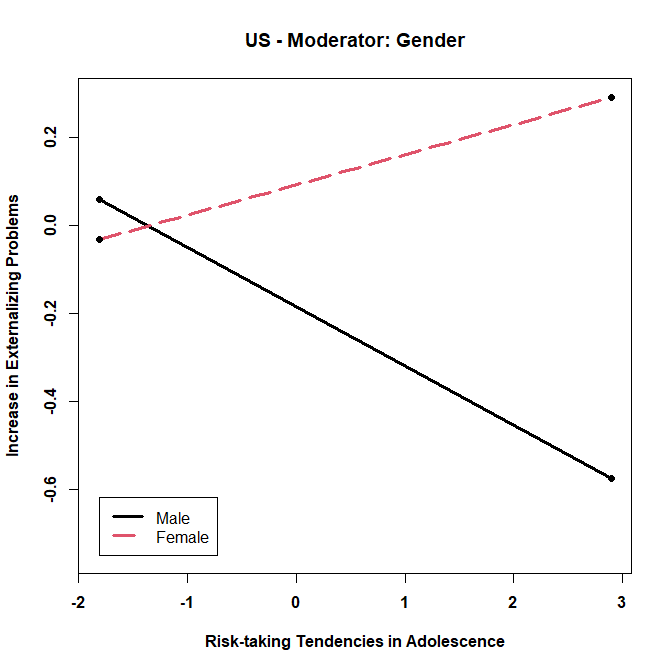
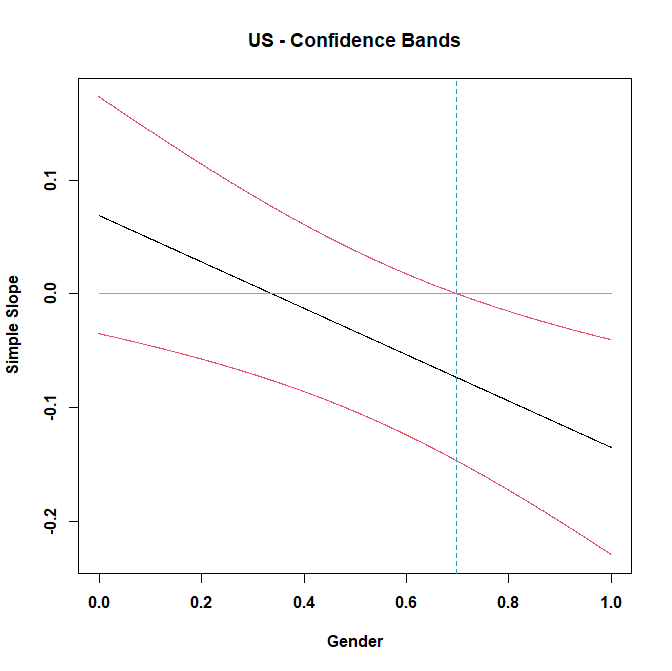
 

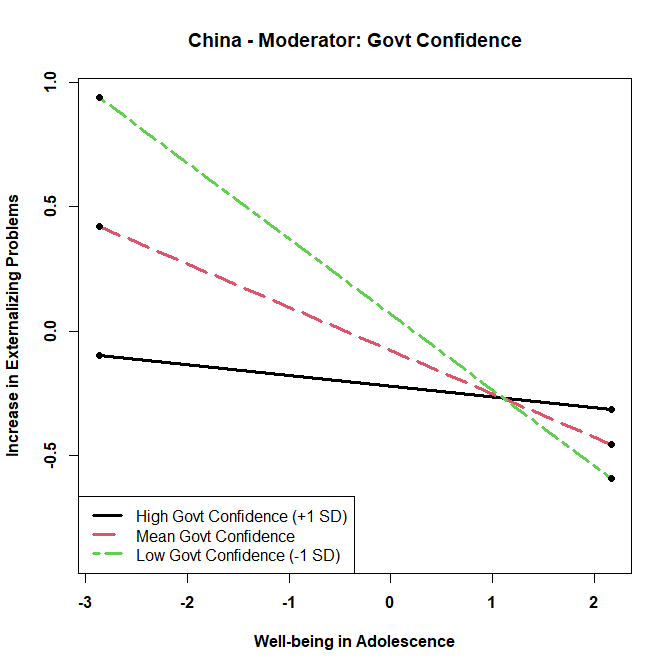
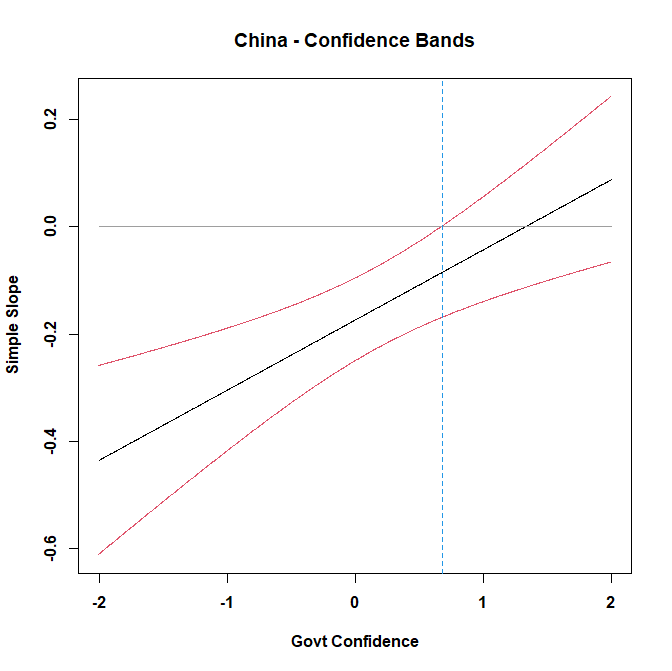
 

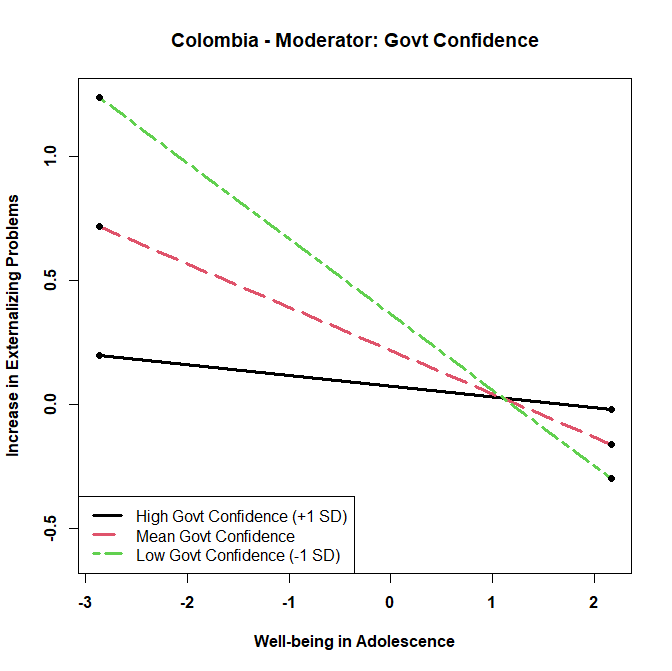
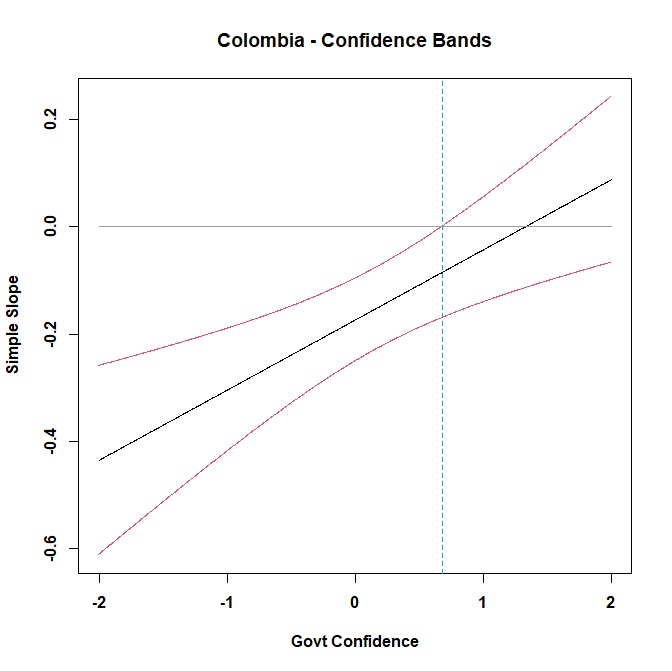
 

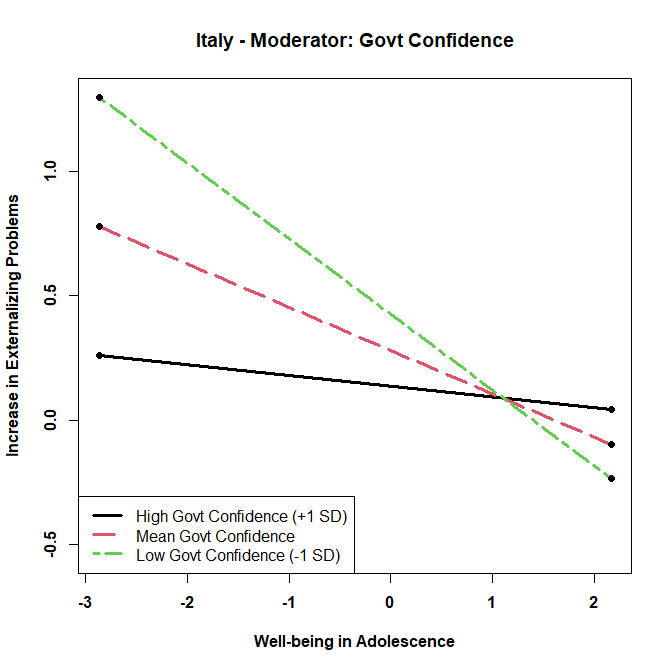
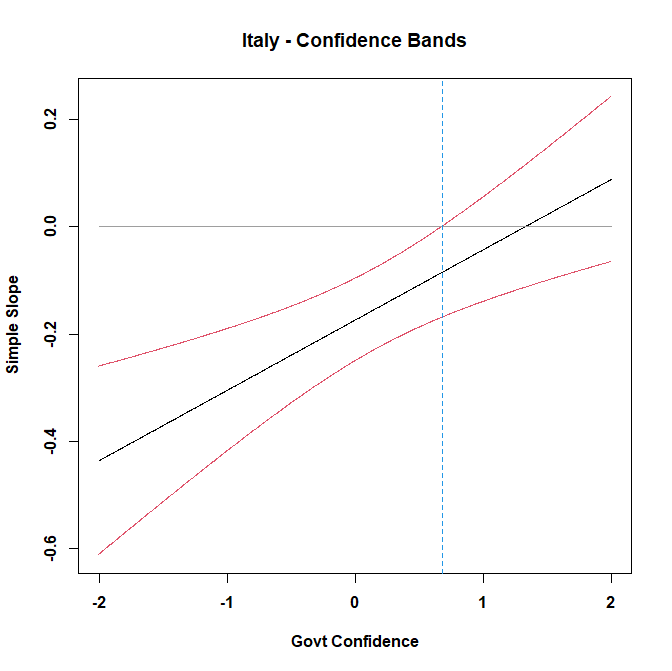
 

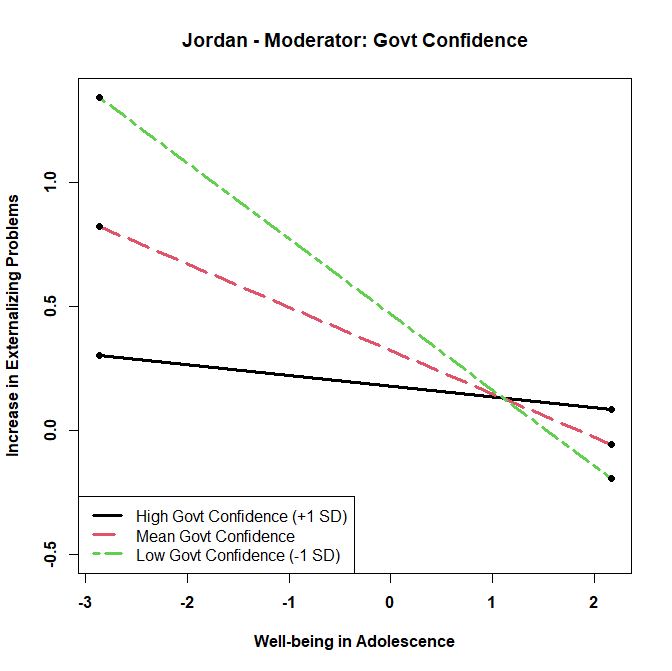
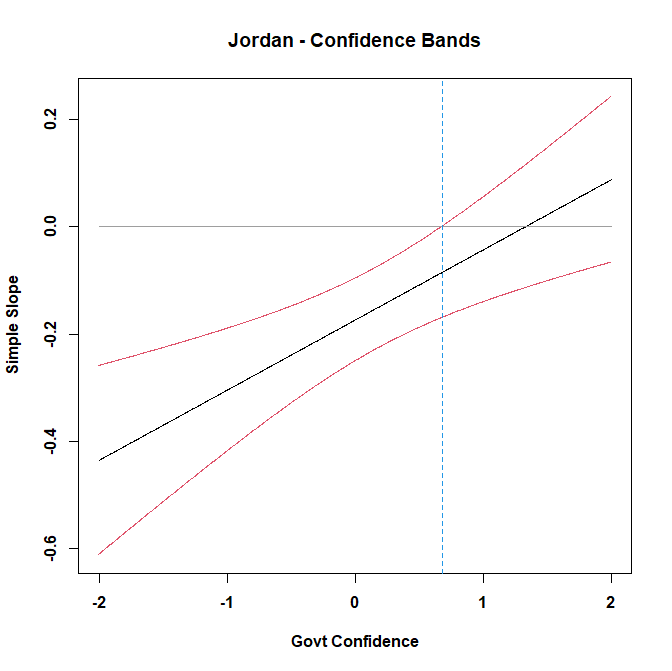
 

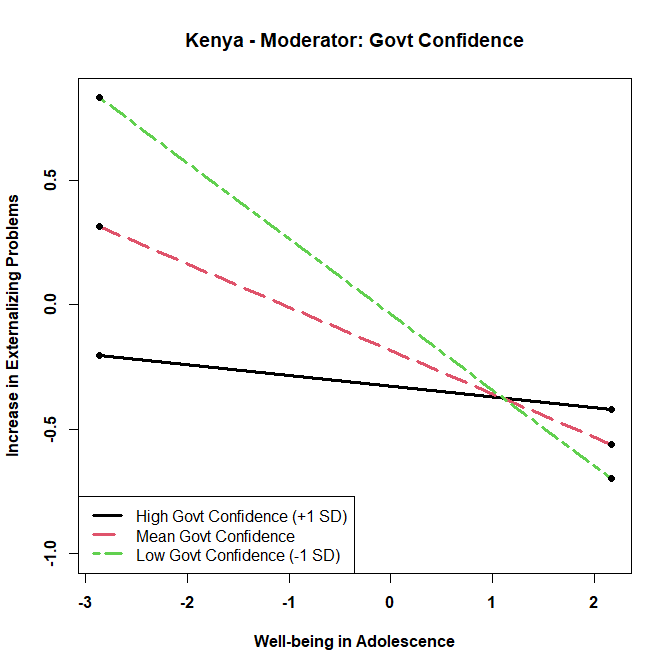
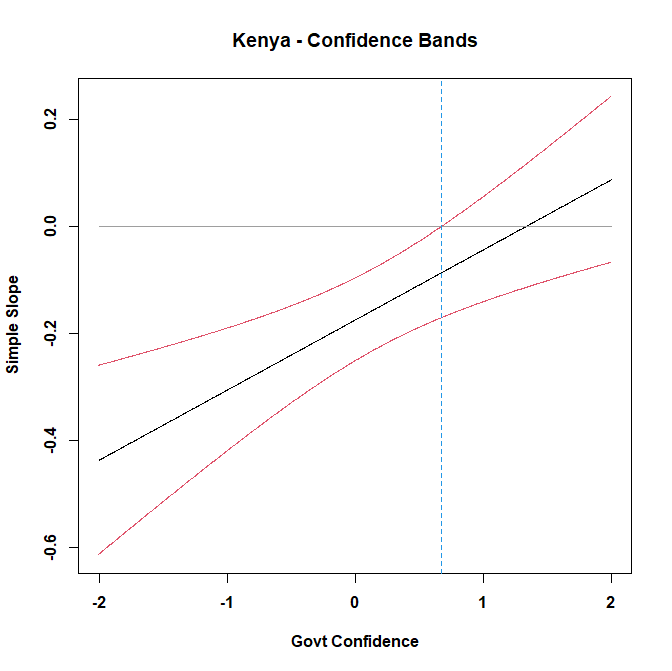
Supplemental Figure 8: Moderation of Relation between Well-being in Adolescence and Increase in Externalizing Problems during the Pandemic by Confidence of Government’s Handling of Pandemic

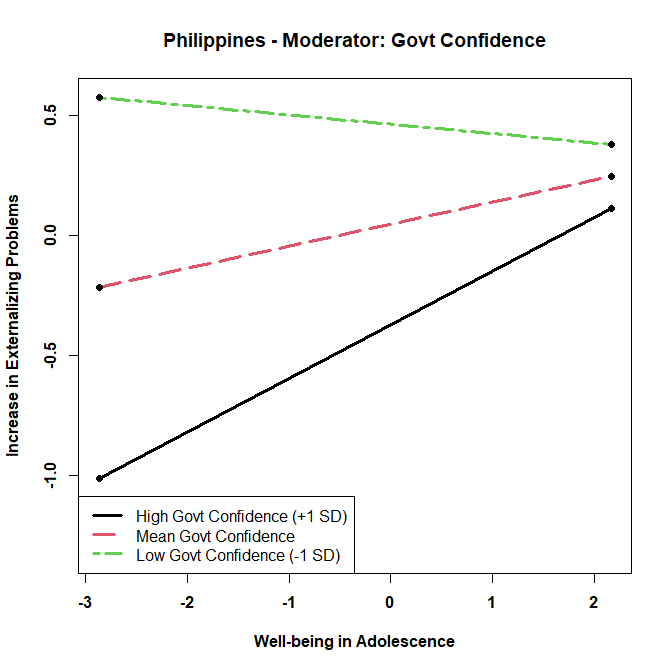
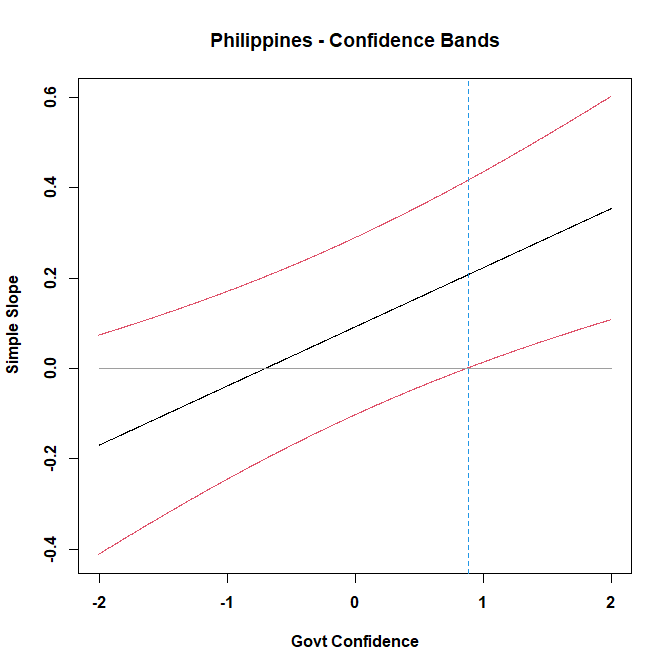
 

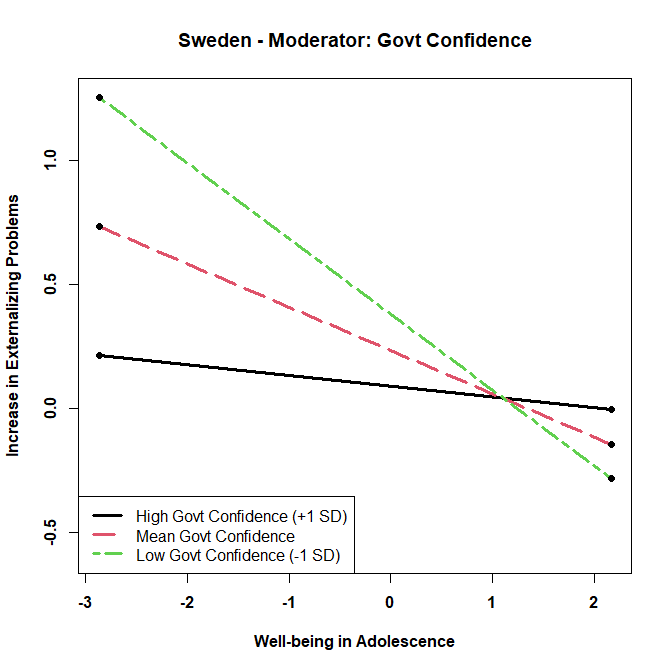
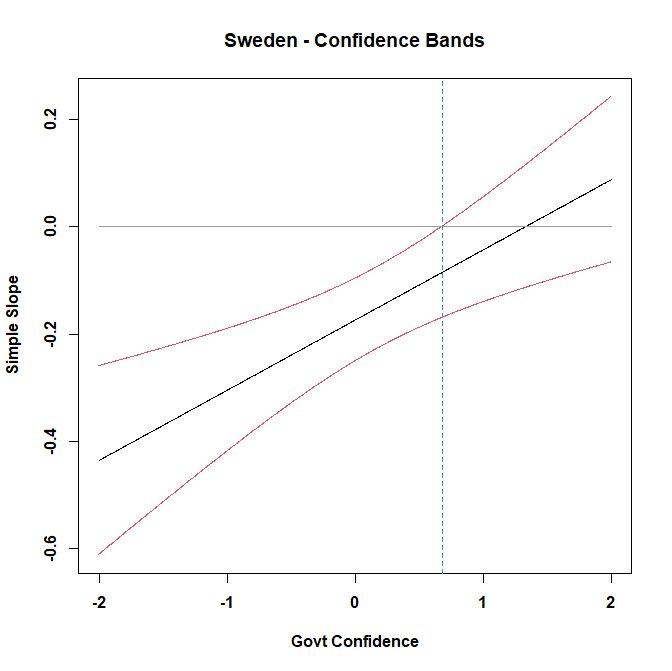
 

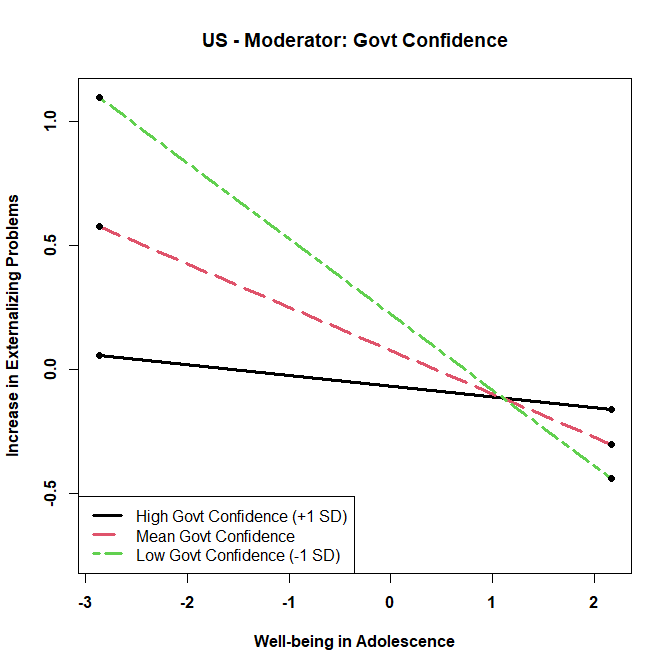
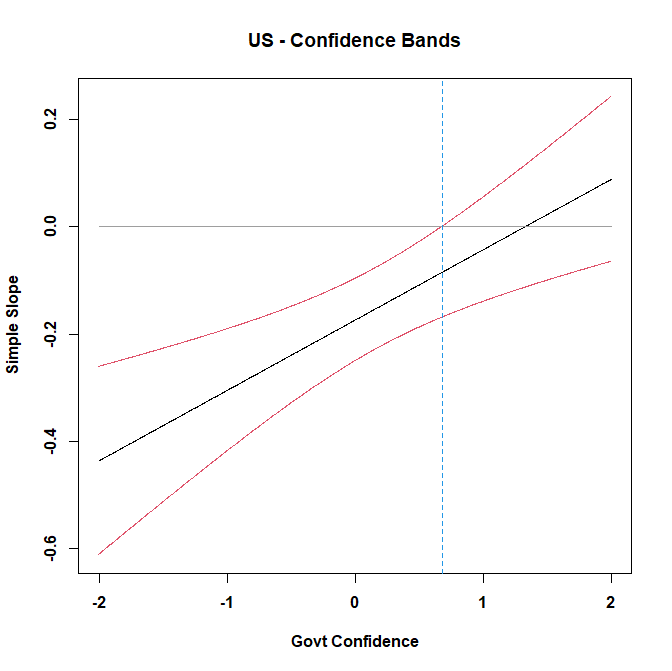
 

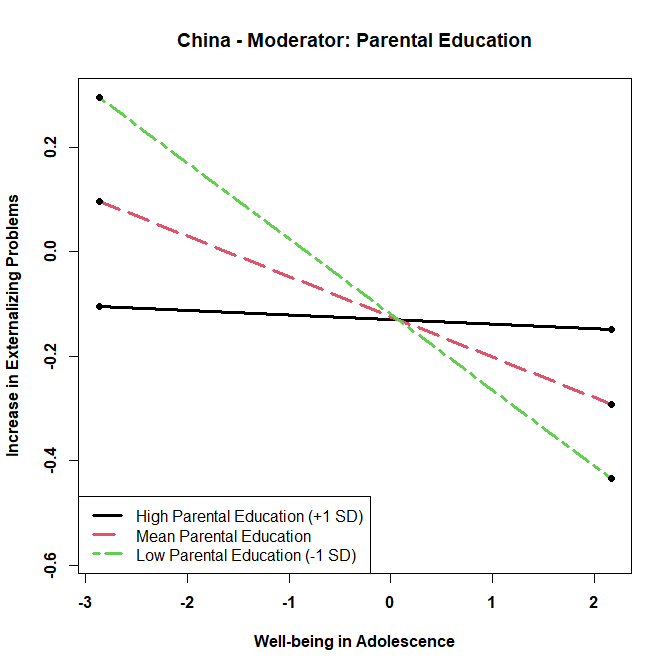
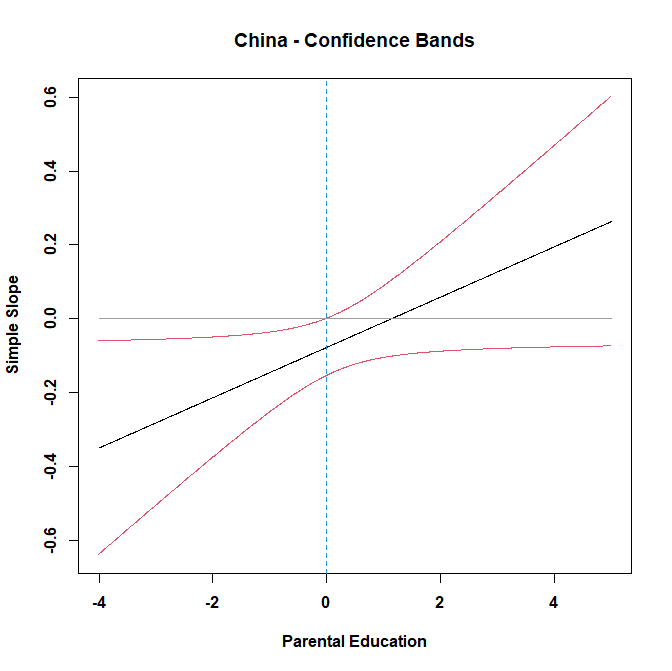
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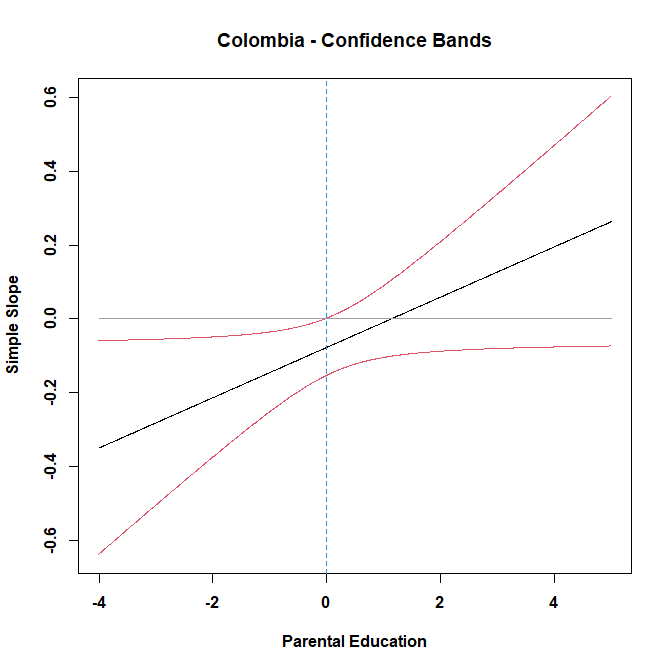
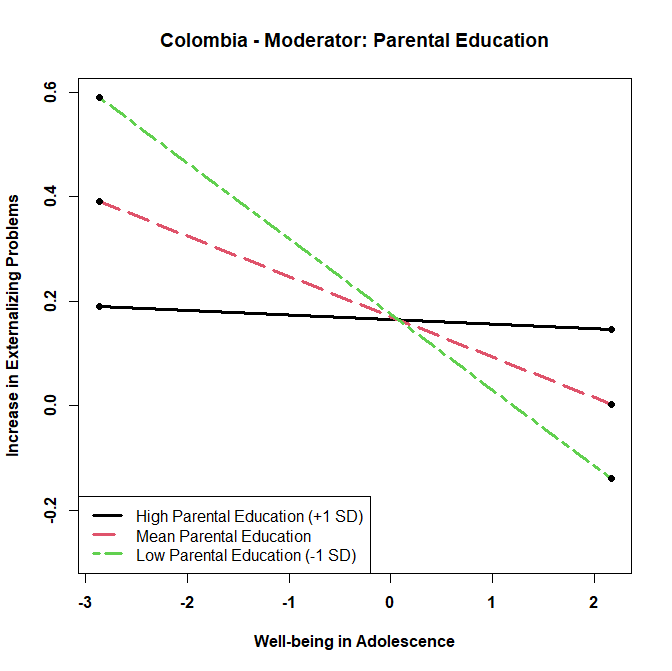
 

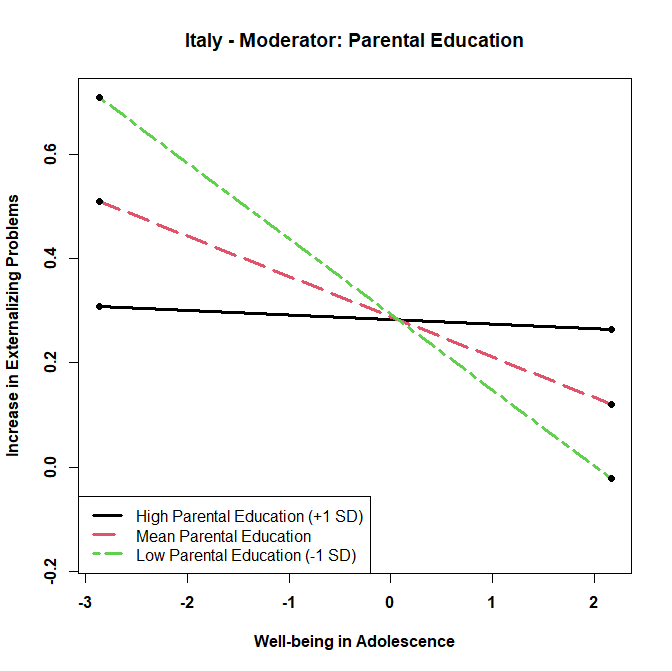
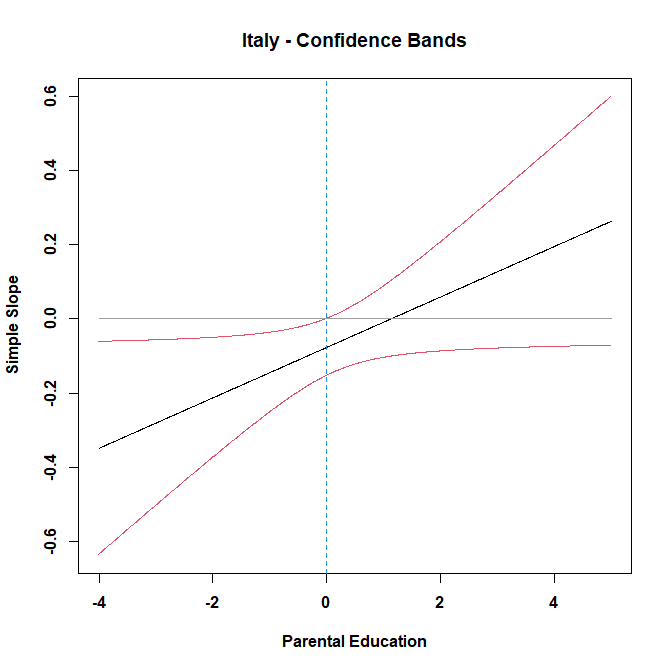
 

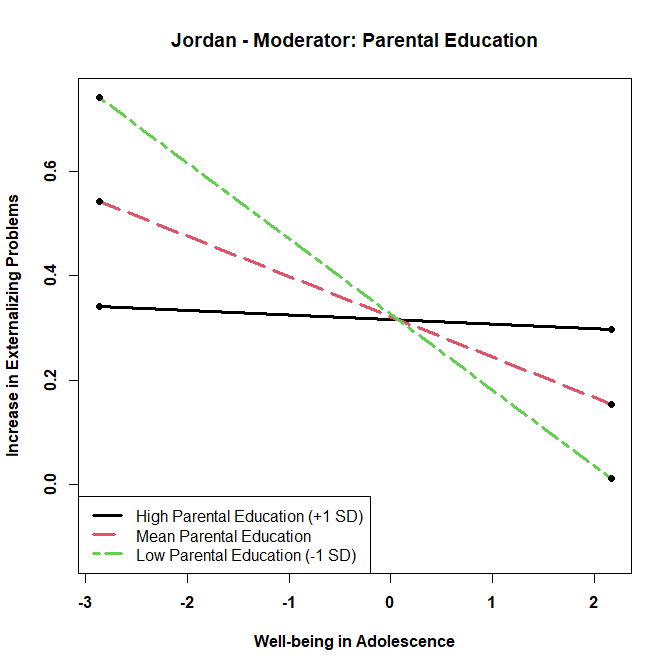
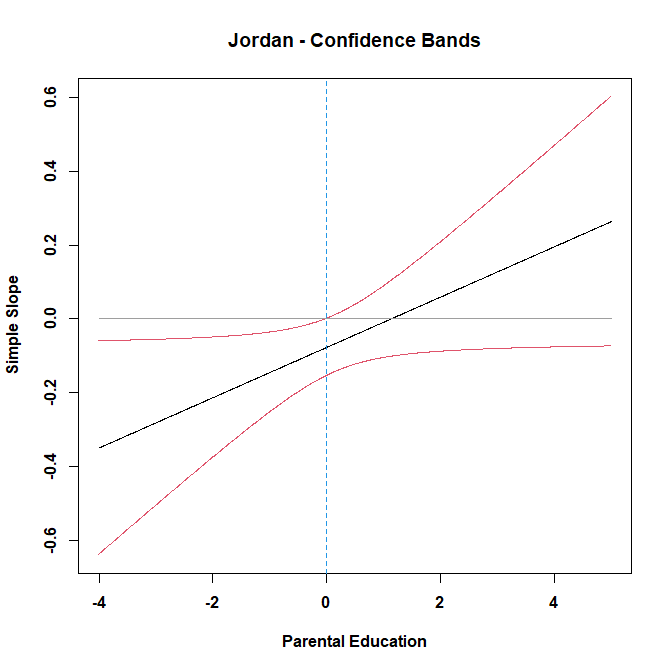
 

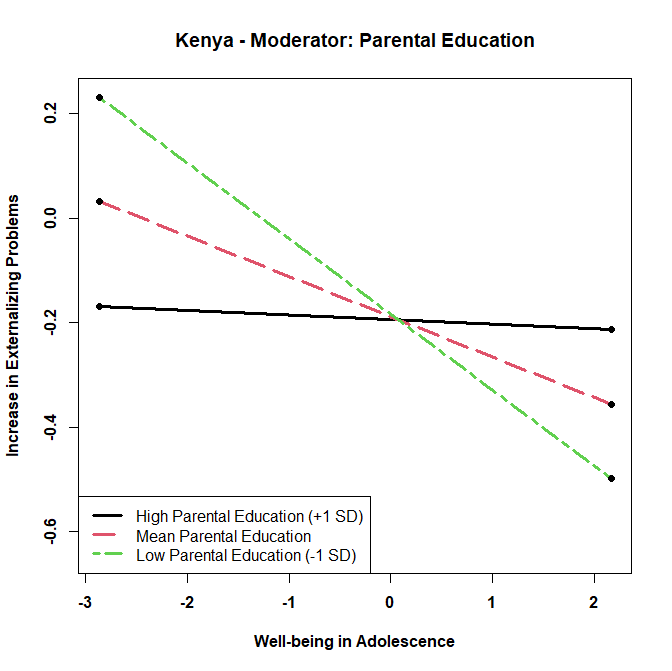
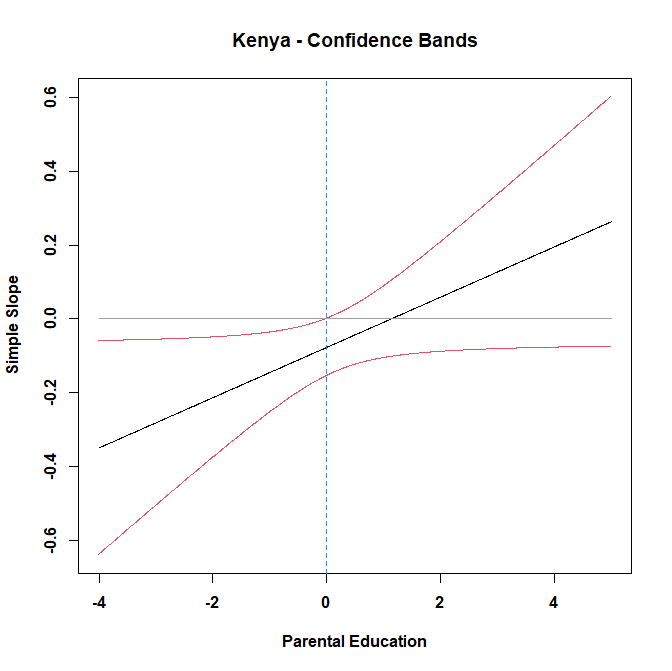
Supplemental Figure 9: Moderation of Relation between Well-being in Adolescence and Increase in Externalizing Problems during the Pandemic by Parental Education

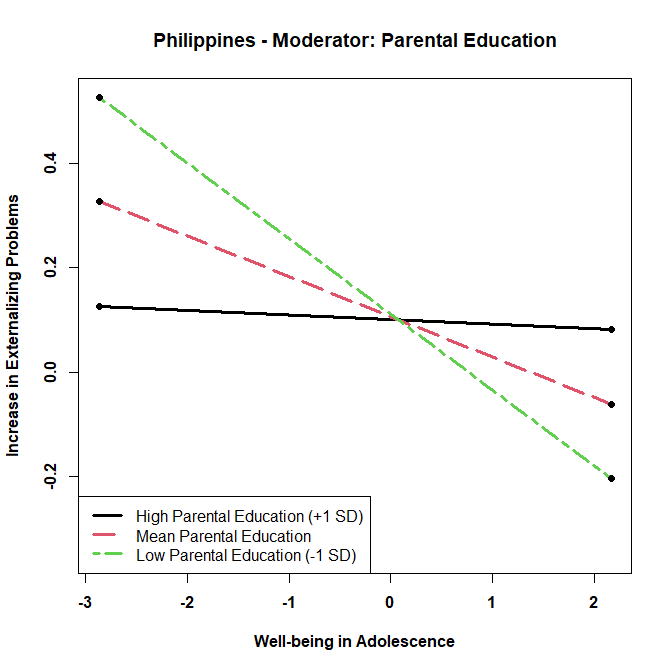
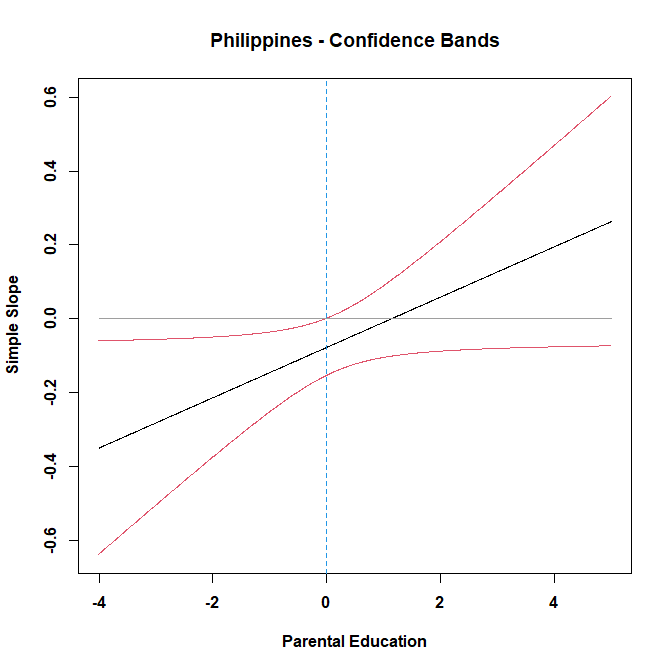
 

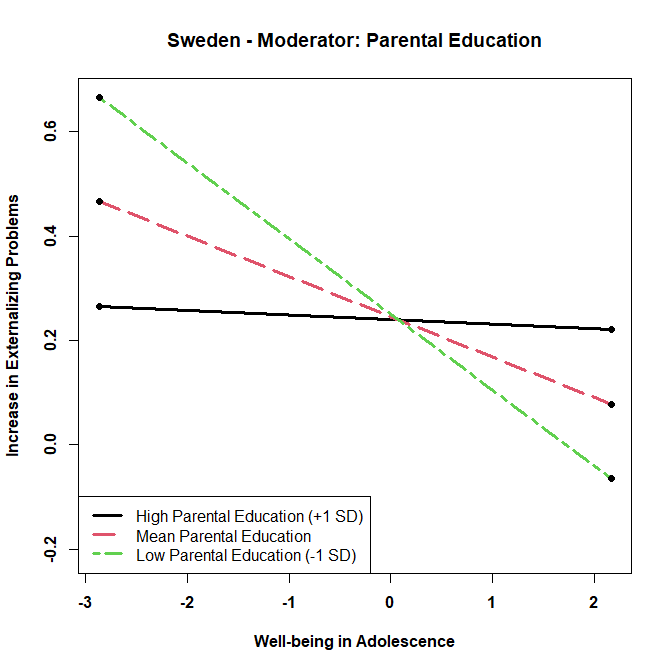
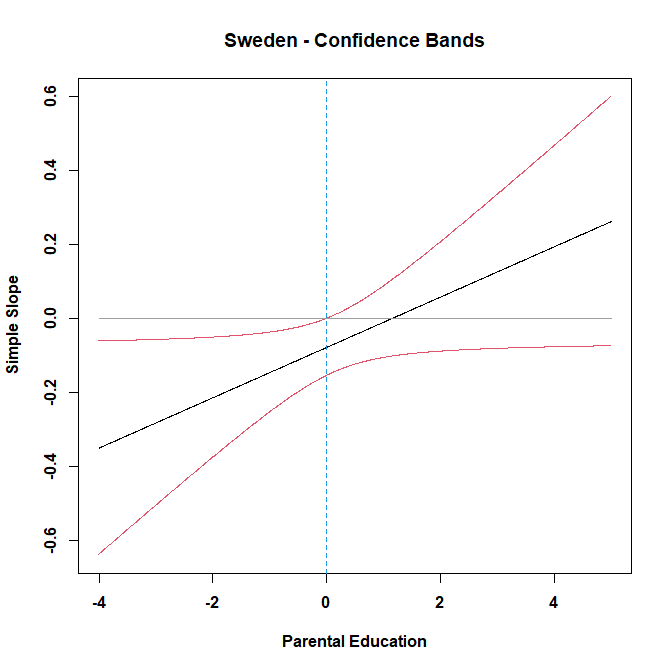


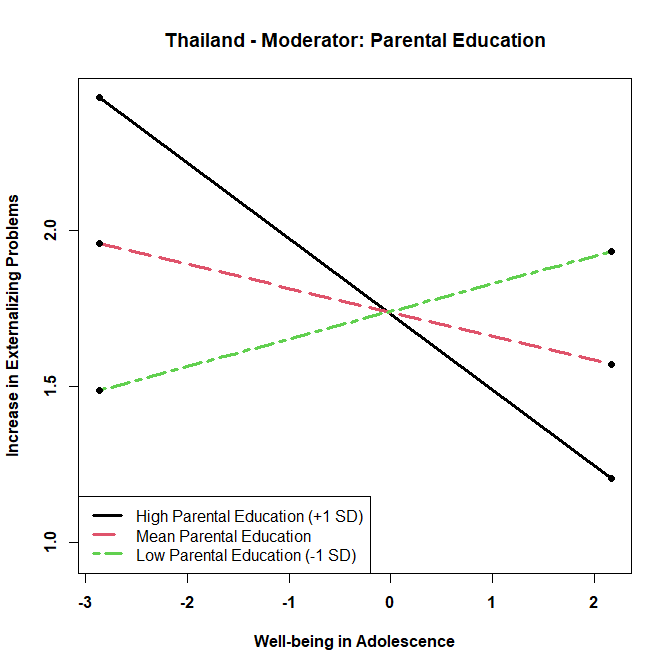
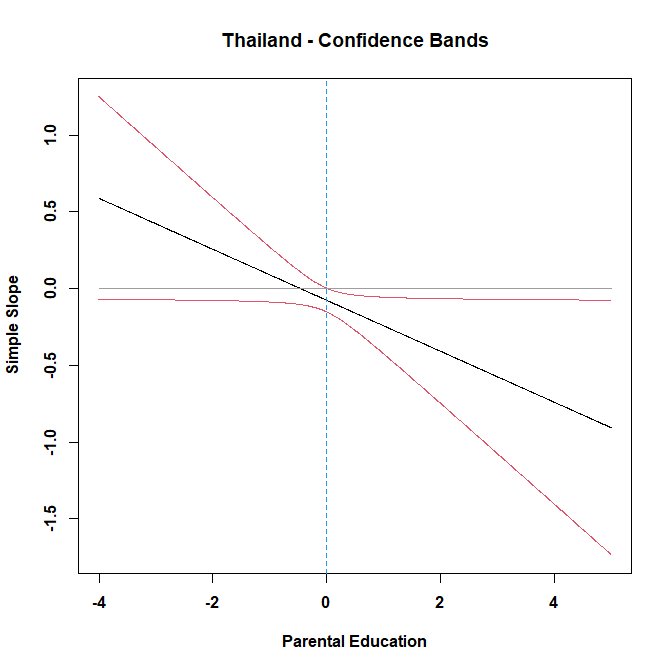
 

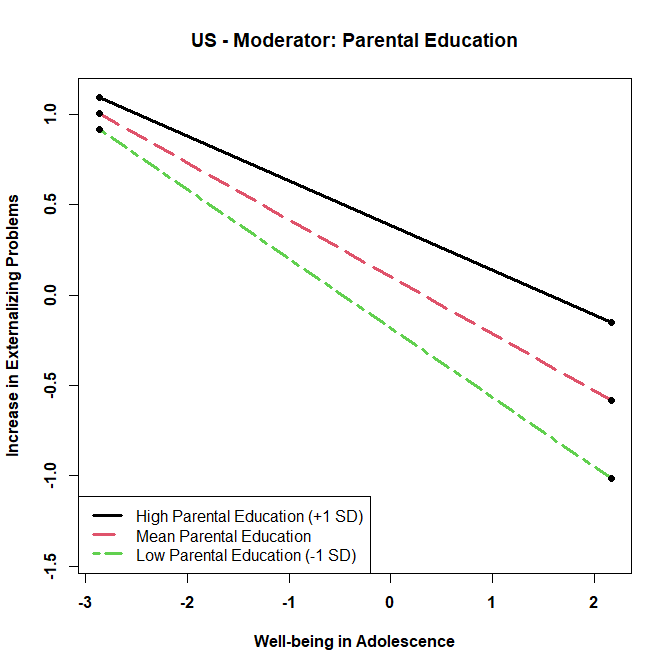
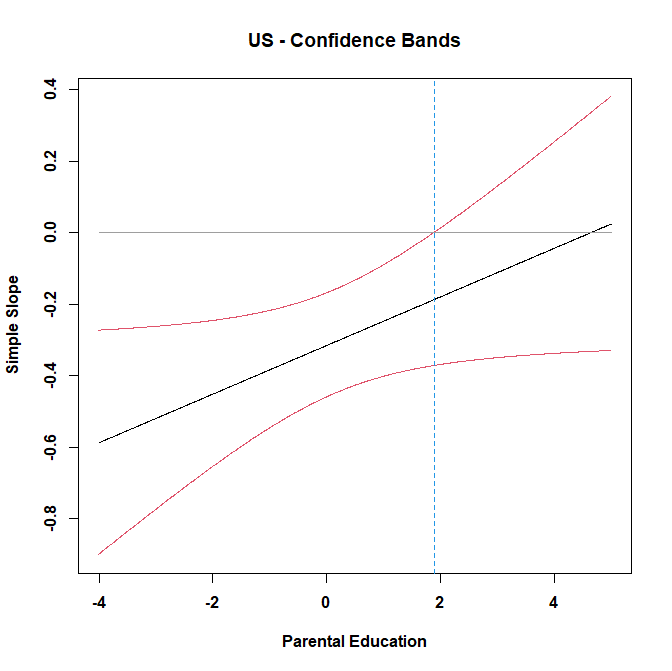
 

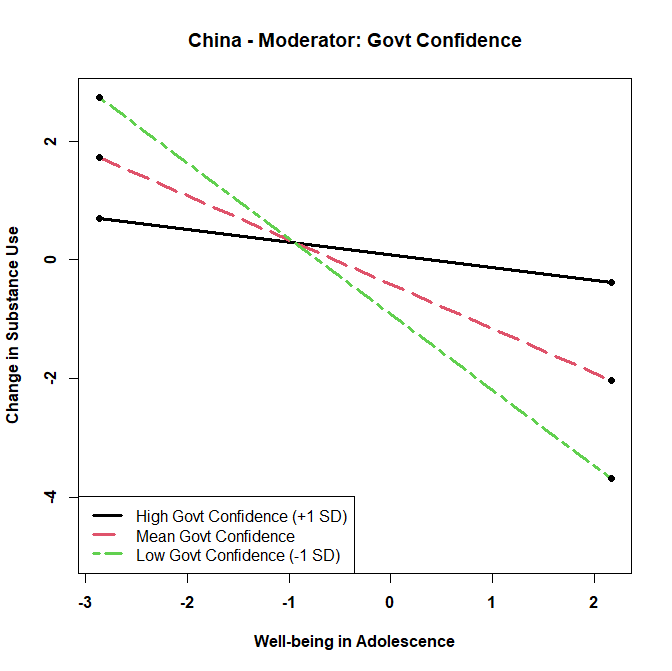
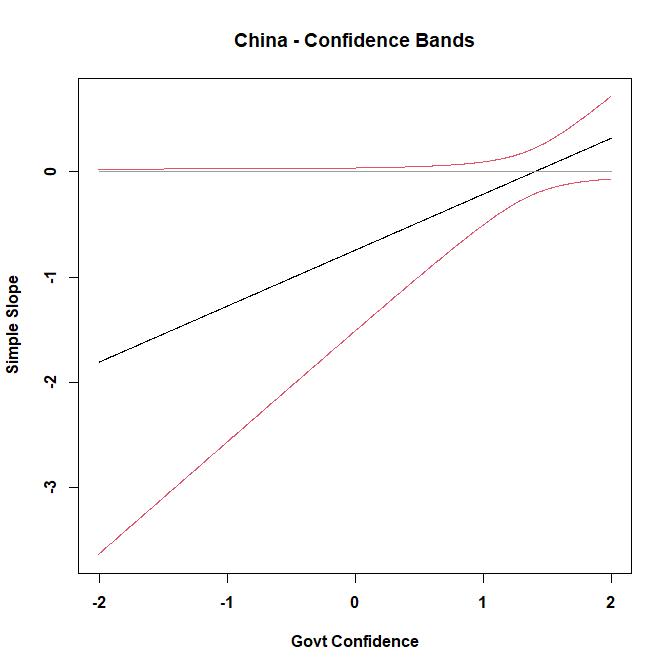
 

Supplemental Figure 10: Moderation of Relation between Well-being in Adolescence and Change in Substance Use during the Pandemic by Confidence of Government’s Handling of Pandemic

Supplemental Figure 11: Moderation of Relation between Well-being in Adolescence and Change in Substance Use during the Pandemic by Gender

