Online Supporting Information (Not for Publication)

**SI A:** Samples in Chinese Provinces and American States

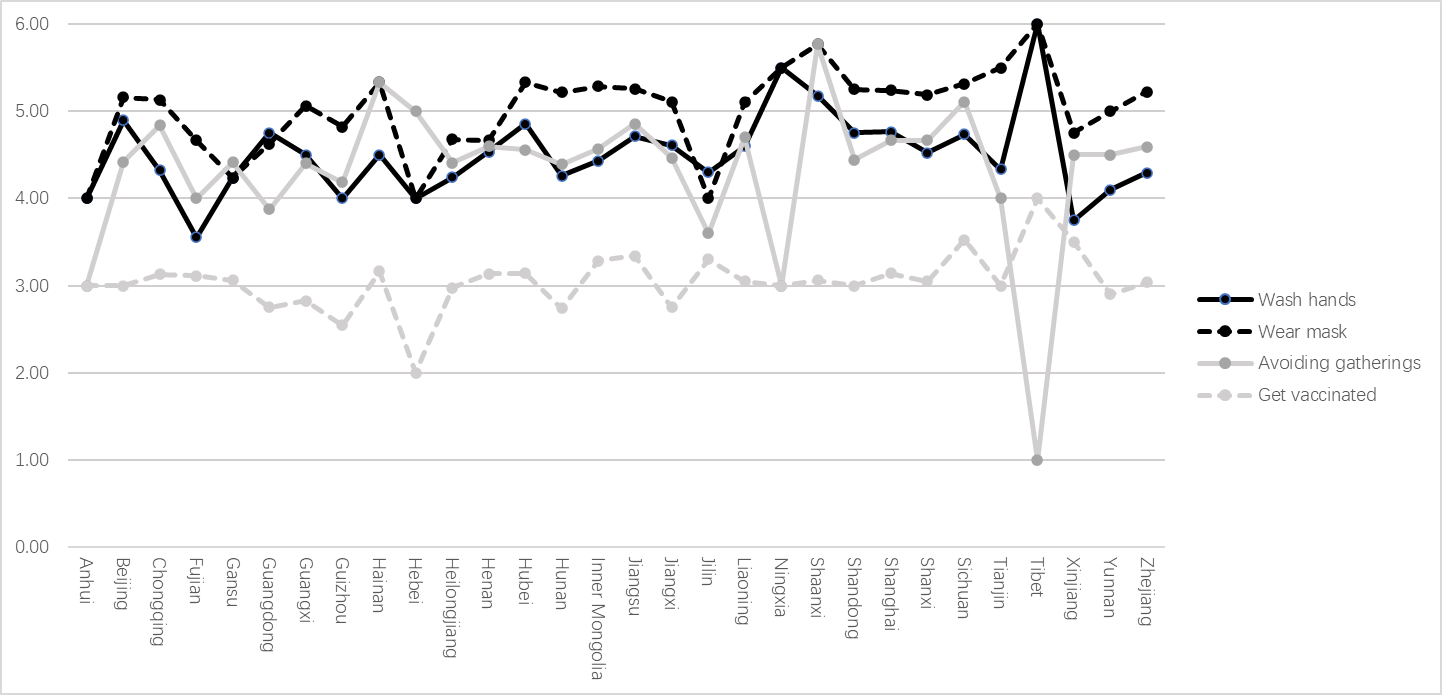
**Table A-1.** Samples in Chinese Provinces

|  |  |  |
| --- | --- | --- |
| Provinces | Frequency | Percentage |
| Anhui | 19 | 2.9 |
| Beijing | 31 | 4.8 |
| Chongqing | 9 | 1.4 |
| Fujian | 17 | 2.6 |
| Gansu | 8 | 1.2 |
| Guangdong | 80 | 12.4 |
| Guangxi | 11 | 1.7 |
| Guizhou | 6 | 0.9 |
| Hainan | 5 | 0.8 |
| Hebei | 37 | 5.7 |
| Heilongjiang | 15 | 2.3 |
| Henan | 48 | 7.4 |
| Hongkong | 1 | 0.2 |
| Hubei | 63 | 9.8 |
| Hunan | 23 | 3.6 |
| Inner Mongolia | 14 | 2.2 |
| Jiangsu | 35 | 5.4 |
| Jiangxi | 28 | 4.3 |
| Jilin | 10 | 1.5 |
| Liaoning | 20 | 3.1 |
| Ningxia | 2 | 0.3 |
| Shaanxi | 17 | 2.6 |
| Shandong | 36 | 5.6 |
| Shanghai | 21 | 3.3 |
| Shanxi | 21 | 3.3 |
| Sichuan | 19 | 2.9 |
| Tianjin | 6 | 0.9 |
| Tibet | 1 | 0.2 |
| Xinjiang | 4 | 0.6 |
| Yunnan | 10 | 1.5 |
| Zhejiang | 27 | 4.2 |
| Not specified | 3 | 0.4 |
| Total | 646 | 100.0 |

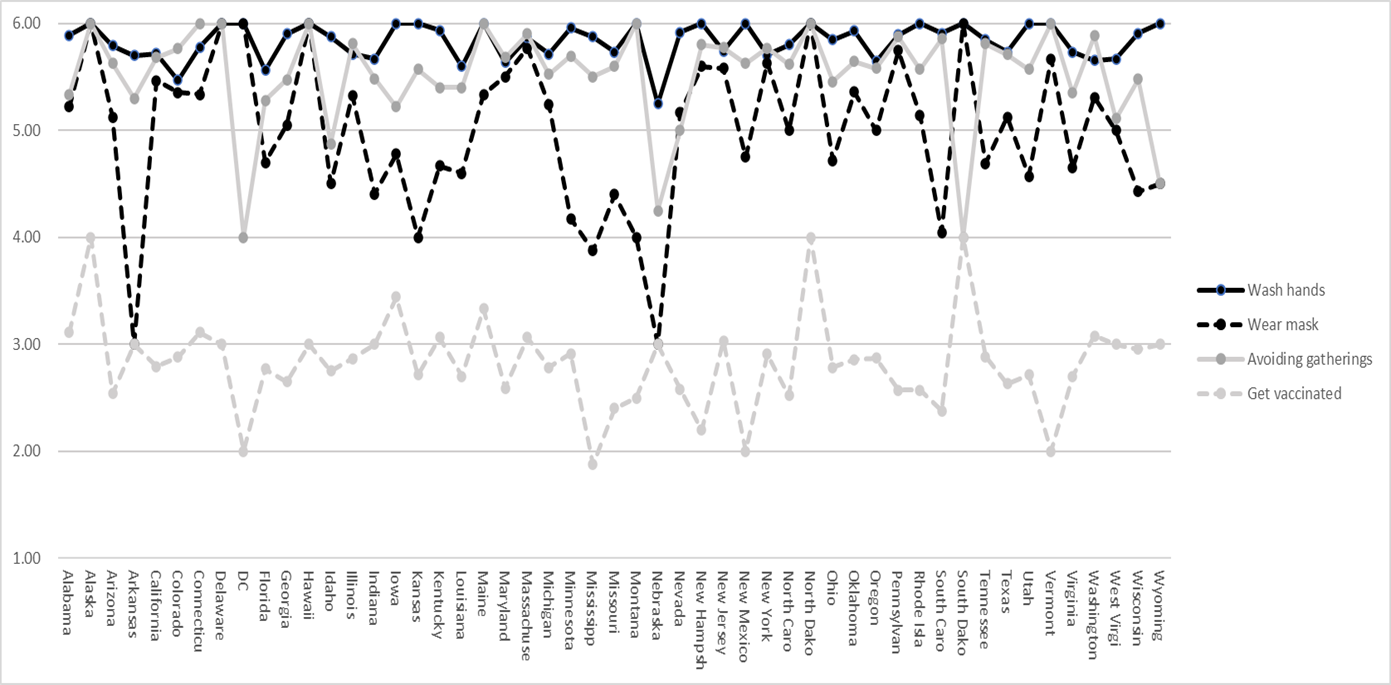
**Table A-2.** Samples in American States

|  |  |  |
| --- | --- | --- |
| States | Frequency | Percentage |
| Alabama | 9 | 0.7 |
| Alaska | 1 | 0.1 |
| Arizona | 24 | 1.8 |
| Arkansas | 10 | 0.8 |
| California | 134 | 10.1 |
| Colorado | 17 | 1.3 |
| Connecticut | 9 | 0.7 |
| Delaware | 2 | 0.2 |
| DC | 1 | 0.1 |
| Florida | 100 | 7.5 |
| Georgia | 40 | 3.0 |
| Hawaii | 5 | 0.4 |
| Idaho | 8 | 0.6 |
| Illinois | 52 | 3.9 |
| Indiana | 27 | 2.0 |
| Iowa | 9 | 0.7 |
| Kansas | 7 | 0.5 |
| Kentucky | 15 | 1.1 |
| Louisiana | 10 | 0.8 |
| Maine | 6 | 0.5 |
| Maryland | 22 | 1.7 |
| Massachusetts | 30 | 2.3 |
| Michigan | 42 | 3.2 |
| Minnesota | 23 | 1.7 |
| Mississippi | 8 | 0.6 |
| Missouri | 15 | 1.1 |
| Montana | 2 | 0.2 |
| Nebraska | 4 | 0.3 |
| Nevada | 12 | 0.9 |
| New Hampshire | 5 | 0.4 |
| New Jersey | 31 | 2.3 |
| New Mexico | 8 | 0.6 |
| New York | 78 | 5.9 |
| North Carolina | 65 | 4.9 |
| North Dakota | 2 | 0.2 |
| Ohio | 46 | 3.5 |
| Oklahoma | 14 | 1.1 |
| Oregon | 31 | 2.3 |
| Pennsylvania | 47 | 3.5 |
| Rhode Island | 7 | 0.5 |
| South Carolina | 21 | 1.6 |
| South Dakota | 1 | 0.1 |
| Tennessee | 26 | 2.0 |
| Texas | 82 | 6.2 |
| Utah | 7 | 0.5 |
| Vermont | 3 | 0.2 |
| Virginia | 37 | 2.8 |
| Washington | 26 | 2.0 |
| West Virginia | 9 | 0.7 |
| Wisconsin | 21 | 1.6 |
| Wyoming | 2 | 0.2 |
| Not specified | 112 | 8.5 |
| Total | 1325 | 100.0 |

**SI B:** Mean of Behavioral Intentions for Four Actions

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**Figure B-1.** Mean of Behavioral Intentions for Four Actions in Each Chinese Province

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**Figure B-2.** Mean of Behavioral Intentions for Four Actions in Each American State

**SI C:** Model Fit Statistics Using Full Sample Before Removal of Speeders and Straightliners

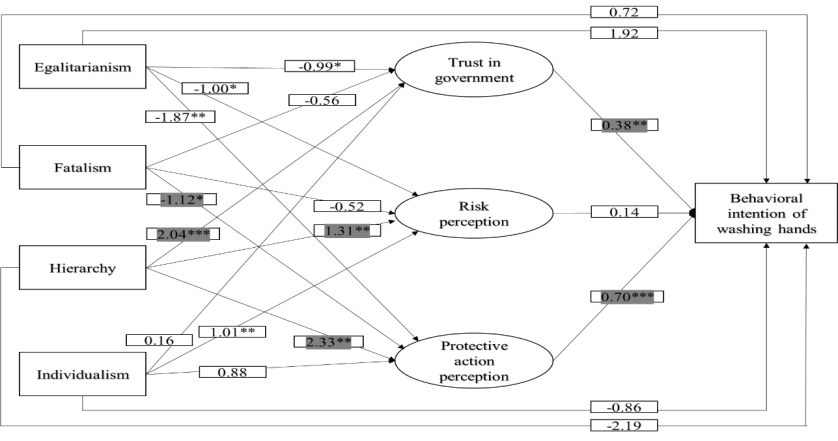
**Table C-1.** Model fits statistics of measurement models using full sample

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | χ2 | RMSEA | SRMR | CFI | TLI |
| Wash hands | Configural invariance model | 1780.394\* | 0.054 | 0.054 | 0.929 | 0.912 |
| Metric invariance model | 2144.616\* | 0.059 | 0.061 | 0.912 | 0.895 |
| Scalar invariance model | 3684.799\* | 0.079 | 0.073 | 0.837 | 0.812 |
| Wear mask | Configural invariance model | 1855.170\* | 0.056 | 0.056 | 0.927 | 0.908 |
| Metric invariance model | 2161.056\* | 0.060 | 0.062 | 0.912 | 0.895 |
| Scalar invariance model | 3622.142\* | 0.078 | 0.073 | 0.843 | 0.818 |
| Avoid gatherings | Configural invariance model | 1808.826\* | 0.055 | 0.054 | 0.933 | 0.916 |
| Metric invariance model | 2098.799\* | 0.059 | 0.060 | 0.920 | 0.904 |
| Scalar invariance model | 3315.599\* | 0.075 | 0.069 | 0.865 | 0.844 |
| Get vaccinated | Configural invariance model | 1958.120\* | 0.058 | 0.058 | 0.927 | 0.908 |
| Metric invariance model | 2267.259\* | 0.061 | 0.064 | 0.913 | 0.896 |
| Scalar invariance model | 3451.417\* | 0.076 | 0.072 | 0.861 | 0.839 |

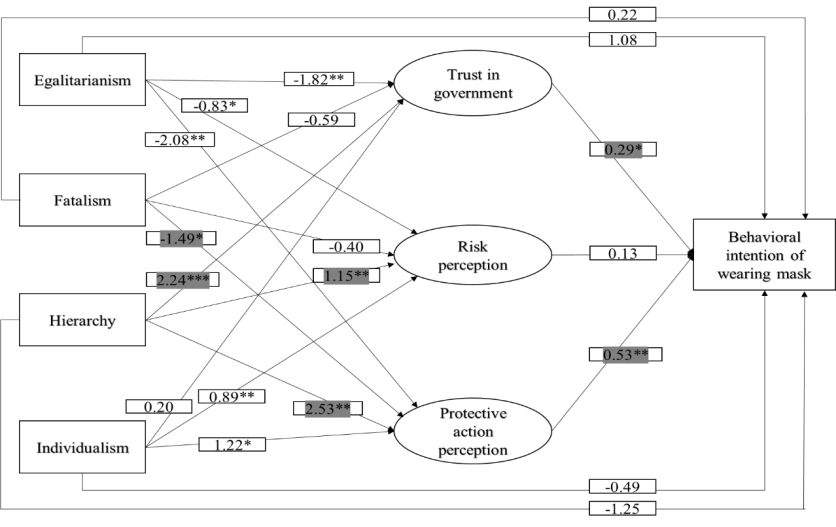
**Table C-2.** Model fits statistics of structural models using full sample

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | China (N=1301) | | | | | The U.S. (N=1613) | | | | |
|  | χ2 | RMSEA | SRMR | CFI | TLI | χ2 | RMSEA | SRMR | CFI | TLI |
| Wash hands | 1193.931\* | 0.065 | 0.072 | 0.894 | 0.867 | 752.254\* | 0.043 | 0.047 | 0.952 | 0.940 |
| Wear mask | 1222.276\* | 0.066 | 0.074 | 0.888 | 0.861 | 900.38\* | 0.049 | 0.053 | 0.943 | 0.928 |
| Avoid gatherings | 1168.902\* | 0.064 | 0.069 | 0.908 | 0.885 | 890.032\* | 0.049 | 0.053 | 0.942 | 0.928 |
| Get vaccinated | 1251.647\* | 0.067 | 0.071 | 0.885 | 0.856 | 971.331\* | 0.051 | 0.062 | 0.942 | 0.928 |

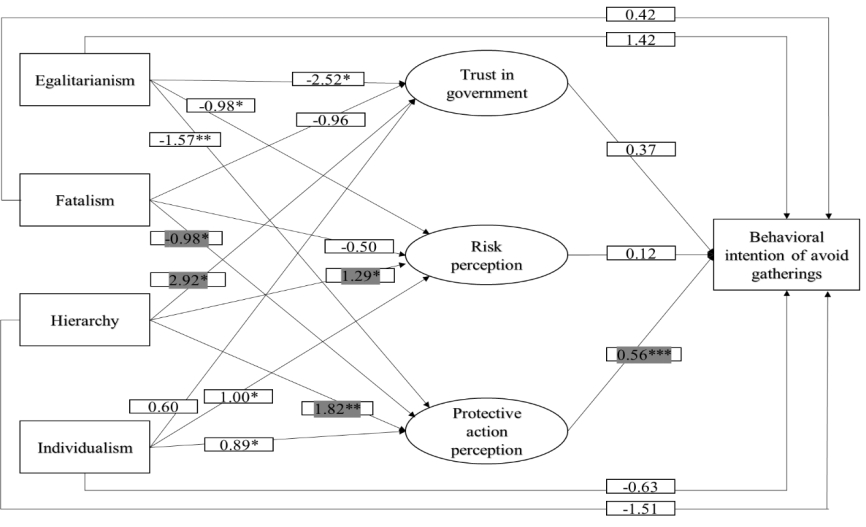
**SI D:** Statistical Results of SEMs Using Full Sample Before Removal of Speeders and Straightliners



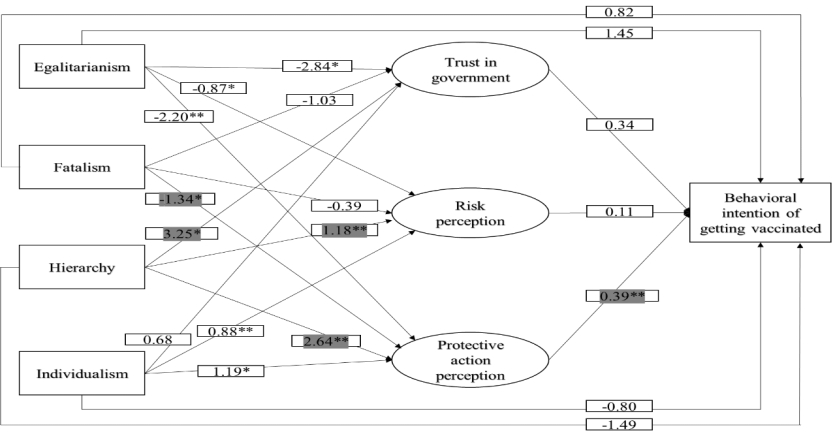
**Figure D-1.** SEM of behavioral intention of washing hands using full sample (China)



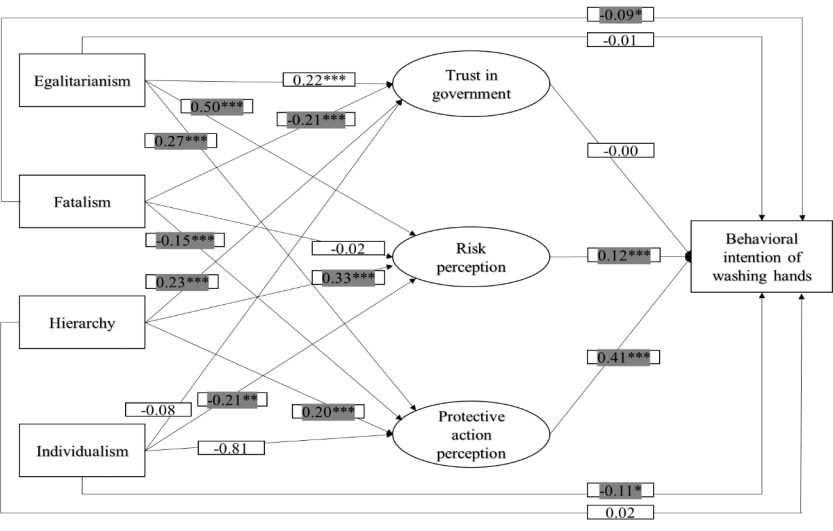
**Figure D-2.** SEM of behavioral intention of wearing mask using full sample (China)



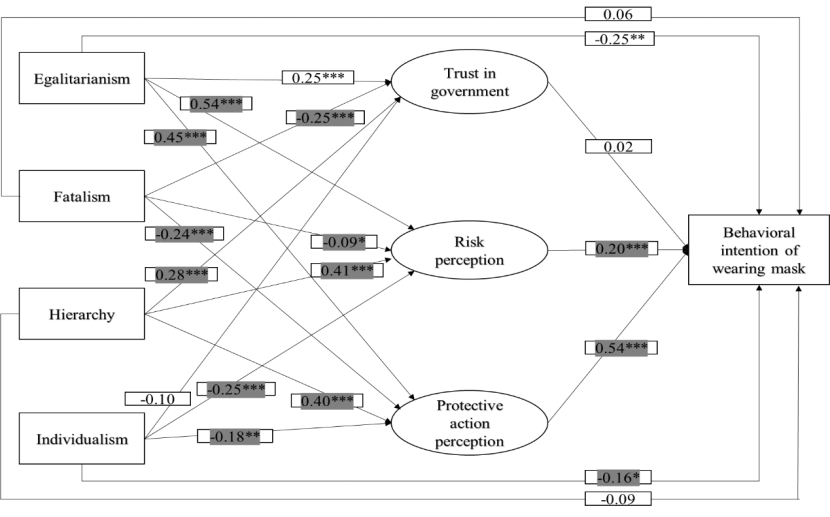
**Figure D-3.** SEM of behavioral intention of avoid gatherings using full sample (China)



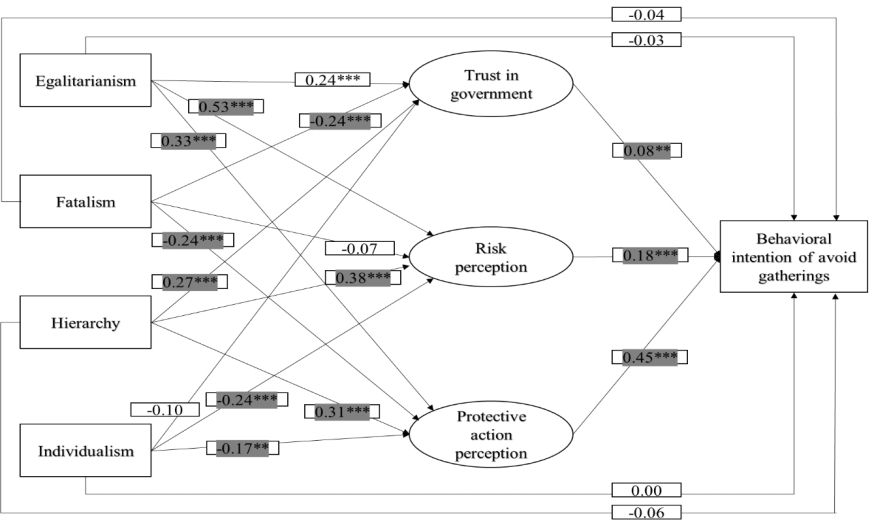
**Figure D-4.** SEM of behavioral intention of getting vaccinated using full sample (China)



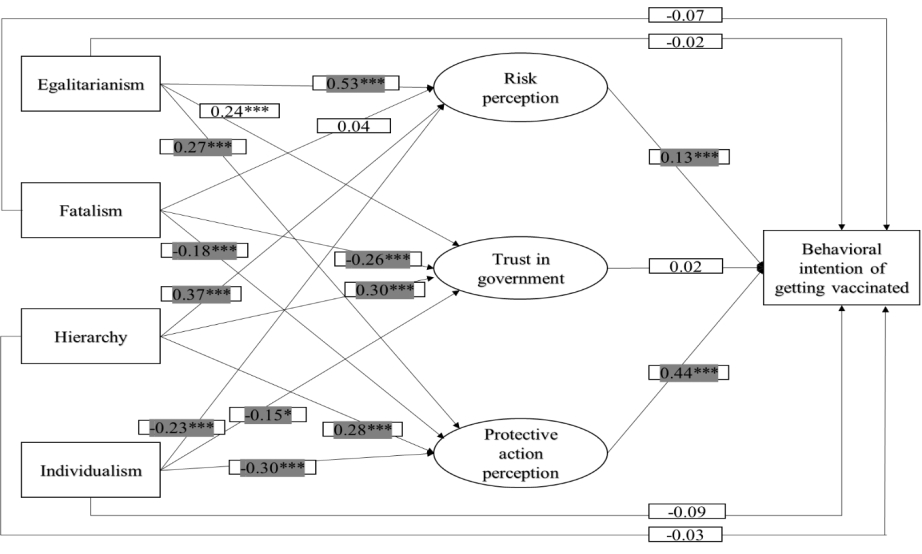
**Figure D-5.** SEM of behavioral intention of washing hands using full sample (U.S.)



**Figure D-6.** SEM of behavioral intention of wearing mask using full sample (U.S.)



**Figure D-7.** SEM of behavioral intention of avoid gatherings using full sample (U.S.)



**Figure D-8.** SEM of behavioral intention of getting vaccinated using full sample (U.S.)