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| <Supplementary Material 1> - Result of Primary component analysis |  |  |  |  |  |  |  |  |
| Items of questionnaire | PC1\* | PC2\* | PC3\* | PC4 | PC5 | PC6 | PC7 | PC8 | PC9 |
| Fear of income | 0.0688 | 0.3949 | -0.4565 | -0.6653 | -0.3367 | 0.2619 | -0.0396 | 0.0240 | 0.0647 |
| Fear of family care | 0.1220 | 0.5010 | -0.2302 | 0.1121 | 0.1059 | -0.6865 | 0.4145 | -0.1149 | -0.0331 |
| Fear of social stigma | 0.1344 | 0.4810 | -0.2323 | 0.4315 | 0.2551 | 0.1597 | -0.6317 | 0.1394 | -0.0367 |
| Overall fear of COVID-19 outbreak situation | 0.1194 | 0.4578 | 0.3980 | 0.2786 | -0.1742 | 0.5352 | 0.4662 | -0.0771 | -0.0058 |
| Shortage of food and water supply? | 0.4815 | -0.1431 | -0.0336 | 0.0994 | -0.3100 | -0.0350 | -0.2151 | -0.7489 | -0.1794 |
| Shortage of personal hygiene supply? | 0.5144 | -0.1225 | 0.0317 | -0.0061 | -0.2061 | -0.0727 | 0.0578 | 0.5655 | -0.5903 |
| Shortage of daily necessities? | 0.5315 | -0.1223 | 0.0193 | 0.0887 | -0.1327 | -0.0810 | 0.0082 | 0.2453 | 0.7809 |
| Shortage of preventive supplies, such as masks or disinfectant? | 0.4088 | -0.0593 | 0.0035 | -0.3277 | 0.7898 | 0.2213 | 0.1633 | -0.1415 | -0.0506 |
| How severe a disease do you think COVID-19 is? | 0.0434 | 0.3133 | 0.7237 | -0.3947 | -0.0067 | -0.2936 | -0.3658 | 0.0003 | 0.0187 |

\* Color coded based on eigenvectors from PC1 to PC3