**Table S1. Variables and Measurement tools**

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| Categories | Variables | Measurement tools |
| Income level | Household income | Monthly average household income | 0 = Low income (Less than 2 million KRW)1= Middle and high income (2 million KRW and more) |
| Mental health | Posttraumatic Stress (PTS) | IES-R-K17 | 5-point Likert-type scale (0: Never - 4: Very frequently)Sum of 22 items (Min: 0, Max:88) |
| Disaster Experience: Disaster Damage | Life and health threat | Threat, injury, or illness caused by a disaster | 0 = no, 1 = yes |
| Unmet health care needs | Unmet health care needs due to disaster | 0 = no, 1 = yes |
| Damage to house or place of business | 9 Items including damage to house, household items, and place of business  | 0 = no, 1= yes, Sum of 9 items (Min:0, Max:9) |
| Migration and separation | Migration or separation from family due to disaster | 0 = no, 1 = yes |
| Financial hardship | 3 items : decrease in average monthly household income; decrease in live assets; increase in household debt | 0 = no, 1 = yes, Sum of three items (Min:0, Max:3) |
| Disaster Experience: Resource for recovery | Information on disaster relief and recovery | Whether information on disaster relief and recovery process are obtained or not | 0 = fail to gain, 1= gained |
| Financial support | Sufficiency of government’s financial support | 5-point Likert-type scale (1: Not at all – 5: Very much) |
| Healthcare support | Sufficiency of government’s health care support |
| Psychological support | Sufficiency of government’s mental health services  |
| Support for environmental and facility recovery | Sufficiency of government support for environmental and facility recovery |
| Social support | Scale of Social Support20,21 | 5-point Likert-type scale (1: Strongly disagree – 5: Strongly agree), Sum of 12 items (Min:12, Max:60) |
| Control Variables | Age group | 0 = Young and middle-aged adults (ages 18-64 years)1 = Older adults (aged older than 65 years old) |
| Marital status | 0 = Unmarried (single, separated, divorced, widowed), 1 = Married |
| Type of Disaster | 0 = Natural disasters (typhoon, heavy rain, earthquake)1 = Social disasters (fire) |
| Diagnosed mental disorders before the disaster | 0 = None, 1 = More than one |

Note: KRW: South Korean Won; IES-R-K: Impact of Event Scale-Revised-Korean version

**Table S2. Model fit statistics for latent growth curve model of Posttraumatic Stress**

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| Model | $χ^{2}$(df) | p-value | TLI | CFI | RMSEA |
| No-growth | 73.364(6) | <0.001 | 0.736 | 0.736 | 0.127 |
| Linear growth | 15.700 (3) | 0.001 | 0.900 | 0.950 | 0.078 |
| 2nd-year growth  | 9.284(3) | 0.026 | 0.951 | 0.975 | 0.055 |

Note. TLI = Tucker-Lewis index; CFI = Comparative fit index; RMSEA = Root Mean Square Error of Approximation