**Appendix 1.** Multiple Imputation Result for Emergency Preparedness Kit

|  |  |  |  |
| --- | --- | --- | --- |
|  | Have vs. No |  | Intend vs. No |
| Variable | AOR (95% CI) |  | AOR (95% CI) |
| Education |  |  |  |
|  Some college or lower | Reference |  | Reference |
|  College graduate or higher | 1.57 (0.76, 3.26) |  | 0.76 (0.35, 1.69) |
| Food Security |  |  |  |
|  Secured | Reference |  | Reference |
|  Other | 0.66 (0.32, 1.37) |  | 1.02 (0.35, 1.69) |
| # of Family Members | 0.92 (0.76, 1.11) |  | 1.18 (0.97, 1.44) |
| Susceptibility: Preparing my family for emergencies or disasters is important | **2.48 (1.39, 4.41)** |  | 1.22 (0.64, 2.34) |
| Benefit: Preparing makes me feel less worried about possible emergencies | 1.12 (0.70, 1.78) |  | 1.49 (0.91, 2.46) |
| Barrier: There is no use in preparing for disasters if it is God's will (my destiny) to be in a disaster | 1.00 (0.72, 1.39) |  | 0.84 (0.59, 1.19) |
| Barrier: It is too expensive for me to prepare for emergencies | 1.09 (0.76, 1.56) |  | 1.31 (0.90, 1.93) |
| Barrier: I don't have time to prepare for emergencies | **0.58 (0.38, 0.89)** |  | 0.75 (0.47, 1.22) |
| Barrier: It is too stressful to prepare my family for emergencies | 0.95 (0.63, 1.43) |  | 0.90 (0.55, 1.48) |
| Self-efficacy: I don't know how to prepare for emergencies | **0.53 (0.34, 0.84)** |  | 0.90 (0.57, 1.43) |
| Self-efficacy: I need help learning how to prepare for an emergency | 1.04 (0.69, 1.55) |  | 0.96 (0.61, 1.53) |
| Cue: Website or app | 0.95 (0.68, 1.33) |  | 1.44 (0.94, 2.21) |
| Cue: Receiving emergency text message notifications from Honolulu County or the State of Hawaii | 0.82 (0.54, 1.24) |  | 1.31 (0.71, 2.41) |

AOR = Adjusted Odds Ratio. CI = Confidence Interval.

Multiple imputation method was used: that is, 20 data were imputed and analyzed by the multinomial logistic regression analysis used in Table 2.

**Appendix 2.** Multiple Imputation Result for Family Emergency Plan

|  |  |  |  |
| --- | --- | --- | --- |
|  | Have vs. No |  | Intend vs. No |
| Variable | AOR (95% CI) |  | AOR (95% CI) |
| Gender |  |  |  |
|  Female | Reference |  | Reference |
|  Male or Something else | 0.82 (0.37, 1.81) |  | 0.47 (0.19, 1.18) |
| # of Family Members | 0.88 (0.56, 1.39) |  | 1.35 (0.86, 2.09) |
| Older Adult(s) | 0.55 (0.17, 1.77) |  | 1.26 (0.45, 3.57) |
| Susceptibility: Preparing my family for emergencies or disasters is important | 1.33 (0.80, 2.19) |  | 1.15 (0.61, 2.18) |
| Severity: I am afraid of dying from a natural disaster | 1.19 (0.91, 1.56) |  | 1.26 (0.95, 1.68) |
| Benefit: Preparing makes me feel less worried about possible emergencies | 0.99 (0.63, 1.56) |  | 1.00 (0.61, 1.65) |
| Barrier: I don't have time to prepare for emergencies | 0.94 (0.62, 1.41) |  | 1.01 (0.66, 1.56) |
| Barrier: It is too stressful to prepare my family for emergencies | 0.84 (0.56, 1.27) |  | 0.82 (0.55, 1.25) |
| Self-efficacy: I don't know how to prepare for emergencies | **0.58 (0.40, 0.85)** |  | 0.69 (0.46, 1.03) |
| Self-efficacy: I need help learning how to prepare for an emergency | 0.73 (0.51, 1.06) |  | 1.07 (0.72, 1.61) |
| Cue: Receiving emergency text message notifications from Honolulu County or the State of Hawaii | 1.42 (0.91, 2.22) |  | **2.07 (1.30, 3.31)** |

AOR = Adjusted Odds Ratio. CI = Confidence Interval.

Multiple imputation method was used: that is, 20 data were imputed and analyzed by the multinomial logistic regression analysis used in Table 4.