**Table IV:** Logistic regression results: biographical and food-related sets

|  |  |  |  |
| --- | --- | --- | --- |
| **Parameter** | **df** | **By multi-item measure** | **By single-item measure** |
| **Estimate** | **SE** | **Wald chi-square test** | **p-value** | **Estimate** | **SE** | **Wald-chi-square test** | **p-value** |
| **Analysis 1: Biographical items** |
| ***Intercept****Multi-item: Food insecure with hunger**Single item: Food ran out* | 1 | 2.21 | 0.50 | 19.63 | < 0.001 | −2.62 | 0.55 | 22.98 | < 0.001 |
| ***Intercept****Multi-item: Food insecure without hunger* | 1 | 3.69 | 0.51 | 53.22 | < 0.001 |  |  |  |  |
| Gender | 1 | −0.37 | 0.12 | 9.06 | 0.003 | 0.41 | 0.13 | 9.39 | 0.002 |
| Race | 1 | −0.92 | 0.09 | 117.25 | < 0.001 | 0.94 | 0.10 | 92.74 | < 0.001 |
| Relationship status | 1 | −0.10 | 0.09 | 1.19 | 0.275 | 0.19 | 0.11 | 3.12 | 0.078 |
| Study level | 1 | −0.39 | 0.19 | 4.17 | 0.041 | 0.39 | 0.21 | 3.52 | 0.061 |
| First-generation student | 1 | 0.61 | 0.12 | 27.39 | < 0.001 | −0.57 | 0.13 | 20.38 | < 0.001 |
| Employed | 1 | 0.18 | 0.17 | 1.13 | 0.288 | −0.21 | 0.19 | 1.33 | 0.249 |
| **Analysis 2: Food-related items** |
| ***Intercept****Multi-item: Food insecure with hunger**Single item: Food ran out* | 1 | 1.42 | 1.46 | 0.94 | 0.331 | −13.63 | 596.70 | 0.00 | 0.982 |
| ***Intercept****Multi-item: Food insecure without hunger* | 1 | 3.67 | 1.48 | 6.17 | 0.013 |  |  |  |  |
| Prepare own food | 1 | −0.27 | 0.26 | 1.04 | 0.309 | 0.53 | 0.29 | 3.49 | 0.062 |
| Enough food money | 1 | 1.10 | 0.14 | 65.87 | < 0.001 | −0.91 | 0.15 | 38.29 | < 0.001 |
| Borrowed food money | 1 | −2.87 | 1.31 | 4.78 | 0.029 | 14.14 | 596.70 | 0.00 | 0.981 |
| Borrowed food money from parents | 1 | −0.75 | 0.25 | 8.72 | 0.003 | 0.77 | 0.28 | 7.57 | 0.006 |
| Borrowed food money from friends | 1 | −0.38 | 0.27 | 1.88 | 0.170 | 0.21 | 0.30 | 0.47 | 0.492 |
| Asked others for food | 1 | 1.28 | 0.19 | 45.13 |  < 0.001 | −1.33 | 0.21 | 40.01 | < 0.001 |
| Sold possessions for food | 1 | 1.52 | 0.44 | 12.19 | 0.001 | −2.45 | 0.74 | 11.12 | 0.001 |
| Stole food | 1 | 1.11 | 1.09 | 1.05 | 0.307 | 0.31 | 0.84 | 0.14 | 0.710 |

df: degree of freedom , SE: standard error