Supplementary File 3

**Supplementary Table 3.** Associations between food security status and breastfeeding outcomes

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| --- | --- | --- | --- | --- | --- |
| **Outcome** | **Food Security Status** | **Frequency**  **%** | **Odds Ratio (95% Confidence Intervals)** | | |
| **Unadjusted** | **Model 1** | **Model 2** |
| Continued breastfeeding for 6 months  (n=298; 295; 289) | secure | 80.4 | 1.00 (Ref) | 1.00 (Ref) | 1.00 (Ref) |
| marginal | 93.5 | 3.54 (0.80-15.64) | 2.96 (0.63-13.86) | 2.74 (0.57-13.12) |
| moderate | 79.7 | 0.96 (0.48-1.91) | 0.68 (0.32-1.48) | 0.62 (0.28-1.35) |
| severe | 68.6 | 0.53 (0.24-1.20) | 0.50 (0.20-1.24) | 0.45 (0.18-1.15) |
| Exclusive breastfeeding for >4 months  (n=290; 287; 282) | secure | 27.9 | 1.00 (Ref) | 1.00 (Ref) | 1.00 (Ref) |
| marginal | 35.5 | 1.42 (0.63-3.21) | 1.68 (0.71-3.96) | 1.65 (0.62-4.37) |
| moderate | 26.8 | 0.94 (0.50-1.78) | 0.88 (0.45-1.71) | 0.90 (0.38-1.66) |
| severe | 26.5 | 0.93 (0.40-2.15) | 0.80 (0.33-1.92) | 0.77 (0.30-1.96) |
| Exclusive breastfeeding for 6 months  (n=293; 290; 285) | secure | 17.9 | 1.00 (Ref) | 1.00 (Ref) | 1.00 (Ref) |
| marginal | 9.7 | 0.49 (0.14-1.73) | 0.56 (0.15-2.02) | 0.56 (0.15-2.16) |
| moderate | 12.7 | 0.66 (0.30-1.49) | 0.57 (0.24-1.34) | 0.47 (0.19-1.17) |
| severe | 17.1 | 0.95 (0.36-2.49) | 0.76 (0.27-2.09) | 0.71 (0.25-2.05) |

Model 1 adjusted for maternal post-secondary education, parity and Canada Prenatal Nutrition Program site.

Model 2 includes all Model 1 covariates and hospital formula supplementation.

All analyses demonstrated goodness of fit based on the Hosmer Lemeshow test (p>0.05). Model 2 analyses also met the desired threshold for area under the curve (>0.7).