Supplementary Table 2. Univariate and multivariable analysis of demographic data, clinical characteristics and environmental features associated with norovirus genogroup I detection (n=94).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parameter | Norovirus genogroup I prevalence n/N (%) | Univariate analysis | | Multivariate analysis | |
|  |  | Odds Ratio (OR; 95% Confidence Interval (CI)) | p-value | Adjusted OR (aOR; 95% CI) | p-value |
| **Age (in months)** | | | | | |
| 0-6 | 31/1043 (3.0%) | Ref |  | Ref |  |
| 7-12 | 25/791 (3.2%) | 1.1 (0.6-1.8) | 0.816 | 1.0 (0.6-1.7) | 0.972 |
| 13-18 | 14/417 (3.4%) | 1.1 (0.6-2.2) | 0.701 | 1.2 (0.6-2.2) | 0.661 |
| 19-24 | 14/208 (6.7%) | 2.4 (1.2-4.5) | 0.010 | 2.3 (1.2-4.5) | 0.011 |
| >24 | 9/282 (3.2%) | 1.1 (0.5-2.3) | 0.849 | 1.2 (0.6-2.5) | 0.668 |
| **Gender** | | | | | |
| Male | 50/1174 (4.3%) | 1.5 (1.0-2.3) | 0.040 | 1.6 (1.1-2.5) | 0.018 |
| **Year** | | | | | |
| 2013 | 11/492 (2.2%) | Ref |  | Ref |  |
| 2012 | 13/416 (3.1%) | 1.4 (0.6-3.2) | 0.407 |  |  |
| 2011 | 22/474 (4.6%) | 2.1 (1.0-4.4) | 0.044 |  |  |
| 2010 | 38/774 (4.9%) | 2.6 (1.1-4.7) | 0.019 |  |  |
| **Feeding (first 4 months)** | | | | | |
| Breast | 42/1026 (4.1%) | Ref |  |  |  |
| Other | 19/735 (2.6%) | 0.6 (0.4-1.1) | 0.091 |  |  |
| **Feeding (after 4 months)** | | | | | |
| Breast | 14/592 (2.4%) | Ref |  |  |  |
| Other | 58/1447 (4.0%) | 1.7 (1.0-3.1) | 0.071 |  |  |
| **Housing material** | | | | | |
| Brick | 76/2037 (3.7%) | Ref |  |  |  |
| Informal | 16/667 (2.4%) | 0.6 (0.4-1.1) | 0.102 |  |  |
| **Norovirus genogroup I mixed pathogen infections** | | | | | |
| NoVGI only | 11/47 (23.47%) | Ref |  | Not included in model | |
| NoVGI + 1 | 14/47 (29.8%) | 2.2 (1.0-5.0) | 0.048 |
| NoVGI + 2 or more | 22/47 (30.0%) | 10.8 (5.1-23.3) | <0.001 |
| NoVGI + NoVGII | 19/94 (20.2%) | 1.9 (1.1-3.1) | 0.017 | 2.0 (1.2-3.3) | 0.012 |
| NoVGI + Sapovirus | 13/94 (13.8%) | 2.0 (1.1-3.7) | 0.024 | 2.0 (1.1-3.7) | 0.025 |
| NoVGI + Astrovirus | 10/94 (10.6%) | 1.7 (0.9-3.4) | 0.104 |  |  |

Only variables with p-values <0.2 in the univariate analysis were reported in the table and included in the multivariable model.