Table 2 Relationship between maternal pre-pregnancy BMI and maternally-reported symptoms and infections during the first year of life

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Outcome | Unadjusted | | | | Model 1 | | | | Model 2 | | | |
|  | RR | (95% CI) | P-value | N | RR | (95% CI) | P-value | N | RR | (95% CI) | P-value | N |
| Wheeze | 1.10 | (1.06, 1.14) | <0.0001 | 2793 | 1.09 | (1.05, 1.13) | <0.0001 | 2682 | 1.09 | (1.04, 1.13) | 0.0001 | 2382 |
| Prolonged cough | 1.10 | (1.04, 1.15) | 0.0007 | 2792 | 1.09 | (1.03, 1.14) | 0.003 | 2681 | 1.10 | (1.04, 1.16) | 0.001 | 2381 |
| LRTI | 1.16 | (1.09,1.22) | <0.0001 | 2795 | 1.13 | (1.07, 1.20) | <0.0001 | 2684 | 1.11 | (1.04, 1.18) | 0.001 | 2384 |
| Croup | 1.01 | (0.90, 1.14) | 0.8 | 2796 | 1.01 | (0.90, 1.14) | 0.8 | 2685 | 0.99 | (0.86, 1.13) | 0.8 | 2385 |
| Ear infection | 1.04 | (0.97, 1.12) | 0.3 | 2795 | 1.04 | (0.96, 1.11) | 0.4 | 2684 | 1.03 | (0.95, 1.11) | 0.5 | 2385 |
| Diarrhoea/vomiting | 1.03 | (0.99, 1.07) | 0.1 | 2796 | 1.03 | (1.00, 1.08) | 0.08 | 2685 | 1.02 | (0.98, 1.06) | 0.3 | 2384 |

Model 1 adjusts for DAG-identified confounders (maternal age, education, parity, and smoking in pregnancy) whilst Model 2 adjusts for these confounders plus paternal BMI.