Table 4 Relationship between maternal weight gain in pregnancy and maternally-reported symptoms and infections during the first year of life adjusting for the minimum adjustment set

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Institute of Medicine Weight gain in pregnancy category** | **RR** | **(95% CI)** | **P-value** | **RR** | **(95% CI)** | **P-value** | **RR** | **(95% CI)** | **P-value** |
|  | **Wheeze**  | **Prolonged cough**  | **LRTI**  |
| **Inadequate** | 1.05 | (0.92, 1.19) | 0.4 | 0.93 | (0.78, 1.11) | 0.4 | 1.03 | (0.86, 1.24) | 0.7 |
| **Adequate** | Reference |  |  |  |  |  |  |  |
| **Excessive** | 0.97 | (0.87, 1.09) | 0.6 | 0.99 | (0.86, 1.15) | 0.9 | 0.93 | (0.79, 1.09) | 0.3 |
|  | **Croup**  | **Ear infection**  | **Vomiting or diarrhoea**  |
| **Inadequate** | 1.17 | (0.85, 1.61) | 0.3 | 0.94 | (0.74, 1.18) | 0.6 | 1.01 | (0.90, 1.14) | 0.9 |
| **Adequate** | Reference |  |  |  |  |  |  |  |
| **Excessive** | 0.86 | (0.64, 1.15) | 0.3 | 1.14 | (0.95, 1.38) | 0. 2 | 1.05 | (0.96, 1.16) | 0.3 |

DAG-identified confounders maternal age, education, parity, and smoking in pregnancy