

S2 Table. Multi-variate analysis of factors associated with detection of pneumococcus in the upper respiratory specimens collected from children aged <10 years in rural north India.

| Factors | Adjusted odds ratio | 95% CI | p-value |
|----------------------------------|---------------------|--------------------|--------------|
| Age group | | | |
| 0 to <1 year | 18.4 | (10.6-31.8) | 0.000 |
| 1 to <2 years | 1.6 | (0.8-3.2) | 0.168 |
| 2 to <5 years | 0.67 | (0.3-1.4) | 0.268 |
| 5 to <10 years | (Ref) | | |
| Sex | | | |
| Male | 1.1 | (0.8-1.5) | 0.648 |
| Female | (Ref) | | |
| Type of ARI | | | |
| AURI | 2.6 | (1.5-4.4) | 0.000 |
| ALRI | 2.0 | (1.1-3.5) | 0.017 |
| Asymptomatic control | (Ref) | | |
| Type of virus co-detected | | | |
| Influenza | 1.3 | (0.4-4.0) | 0.655 |
| RSV | 0.7 | (0.3-1.9) | 0.53 |
| HRV | 2.2 | (1.3-4.0) | 0.006 |
| HMPV | 0.4 | (0.0-2.8) | 0.332 |
| PIV | 0.6 | (0.2-2.3) | 0.488 |
| Hib | 3.0 | (1.4-6.2) | 0.003 |
| Months | | | |
| January | (Ref) | | |
| February | 1.2 | (0.6-2.5) | 0.58 |
| March | 0.5 | (0.2-1.1) | 0.089 |
| April | 0.8 | (0.4-1.6) | 0.459 |
| May | 1 | (0.5-2.0) | 0.938 |
| June | 1.4 | (0.7-2.8) | 0.378 |
| July | 1 | (0.5-2.1) | 0.956 |
| August | 0.8 | (0.3-1.7) | 0.535 |
| September | 0.3 | (0.1-0.7) | 0.009 |
| October | 0.8 | (0.3-1.8) | 0.576 |
| November | 0.9 | (0.3-2.6) | 0.881 |
| December | 0.5 | (0.2-1.4) | 0.166 |