**S4 Table. Omission of co-infection from the two-serotype model.** We omit co-infection from this analysis, as co-infection of a single individual with both serotypes (EV-A71 and CV-A16) is rarer than expected by chance, given a reasonable sample size of EV-A71 and CV-A16 infections in a given year. We determined this using data from two published studies and tests.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | |
| **Year** | **Observed**  **EV-A71** | **Observed**  **CV-A16** | **Observed**  **Co-infection** | **Total Cases** | **Expected**  **Co-infection** |  | **p-value** |
| 2009 | 122 | 8 | 3 | 133 | 7.34 | 2.56 | < 0.15 |
| 2010 | 250 | 20 | 3 | 273 | 18.32 | 12.81 | < 0.0005 |
| Reference: [32] Yan et al 2012 | | | | | | | |
| **Year** | **Observed**  **EV-A71** | **Observed**  **CV-A16** | **Observed**  **Co-infection** | **Total Cases** | **Expected**  **Co-infection** |  | **p-value** |
| 2007 | 2 | 43 | 0 | 45 | 1.91 | 1.91 | < 0.20 |
| 2008 | 117 | 24 | 0 | 141 | 19.91 | 19.91 | < 0.0005 |
| 2009 | 12 | 58 | 0 | 70 | 9.94 | 9.94 | < 0.0025 |

Reference: [33] Li et al 2011