among different hypotheses of RSV-Flu interaction

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2nd pathogen | HHS region | No-interaction | Inhibition on co-infection (psi) | Cross protection (chi) | Co-infection and cross-protection |
| Flu A | 1 | 2962.0626 | 1004.80976 | 417.5396 | 0 |
| 2 | 138.9433 | 4.53968 | 0 | 2.00006 |
| 3 | 3199.85 | 2744.46576 | 351.3549 | 0 |
| 4 | 182.9156 | 58.98749 | 21.26 | 0 |
| 5 | 6294.1359 | 6070.50108 | 0 | 5814.5332 |
| 6 | 437.809 | 345.95345 | 330.7207 | 0 |
| 7 | 303.832 | 224.71762 | 0 | 193.09277 |
| 8 | 214.5173 | 216.52161 | 2 | 0 |
| 9 | 1960.4729 | 2038.35099 | 0 | 15.92386 |
| 10 | 645.5617 | 612.23662 | 0 | 3.32001 |
| Flu B | 1 | 299.71174 | 274.3292 | 0 | 47.137897 |
| 2 | 305.48235 | 305.8928 | 0 | 2.000011 |
| 3 | 313.41149 | 285.46322 | 0 | 2 |
| 4 | 64.91225 | 24.14733 | 0 | 2 |
| 5 | 682.41653 | 620.62248 | 0 | 1.999999 |
| 6 | 216.16409 | 210.96577 | 0 | 1.596484 |
| 7 | 9260.82206 | 9362.31845 | 7.178 | 0 |
| 8 | 114.90015 | 116.90289 | 2 | 0 |
| 9 | 3113.01354 | 2813.92968 | 6.36523 | 0 |
| 10 | 1017.12068 | 1017.17522 | 0 | 6.21245 |