| **S3 Table Transitions of the SEIR transmission model.** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Transition effects | | | | |  |
| Transition name |  |  |  |  | \* | Propensity |
| birth of | 1 | 0 | 0 | 0 | 0 |  |
| death of | -1 | 0 | 0 | 0 | 0 |  |
| death of | 0 | -1 | 0 | 0 | 0 |  |
| death of | 0 | 0 | -1 | 0 | 0 |  |
| death of | 0 | 0 | 0 | -1 | 0 |  |
| importation | -1 | 1 | 0 | 0 | 0 |  |
| transmission | -1 | 1 | 0 | 0 | 0 |  |
| to | 0 | -1 | 1 | 0 | 0 |  |
| recovery | 0 | 0 | -1 | 1 | 1 |  |