|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Overdispersion in offspring distribution (k)** | **Case detection rate ()** | **R (asymptotic)** | **R (via bootstrap)** | **Max LL** |
| 0.16 | 1% | 0.52 [0.16,>1] | 0.54[0.17,>1] | -4.16 |
| 0.5 | 1% | 0.51[0.16,0.92] | 0.52[0.17,0.91] | -4.16 |
| 5 | 1% | 0.51[0.16,0.88] | 0.51[0.17,0.87] | -4.16 |
| 0.16 | 0.5% | 0.51[0.16,0.93] | 0.52[0.17,0.92] | -4.16 |
| 0.5 | 0.5% | 0.51[0.16,0.88] | 0.51[0.17,0.87] | -4.16 |
| 5 | 0.5% | 0.5[0.16,0.86] | 0.5[0.17,0.85] | -4.16 |
| 0.16 | 0.1% | 0.5[0.16,0.86] | 0.5[0.17,0.85] | -4.16 |
| 0.5 | 0.1% | 0.5[0.16,0.85] | 0.5[0.17,0.84] | -4.16 |
| 5 | 0.1% | 0.5[0.16,0.84] | 0.5[0.17,0.84] | -4.16 |
| 0.16 | 0.01% | 0.5[0.16,0.84] | 0.5[0.17,0.83] | -4.16 |
| 0.5 | 0.01% | 0.5[0.16,0.84] | 0.5[0.17,0.83] | -4.16 |
| 5 | 0.01% | 0.5[0.16,0.84] | 0.5[0.17,0.83] | -4.16 |