|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **τₚ\_list** | **P.τ  (detection rate)** | **P.κ  (mean nb contacts/day)** | **κₘ=Δₜ  (memory and tracing period)** | **P.κ\_per\_event4** | **Κ\_max\_capacity  (tracing capacity)** | **n\_traj** | **session num** |
| **Scenario 1** | [0.0,0.25,0.5,0.75,0.9] | 1/3. | 10 | 7 | 50 | **Kilifi=1e3** | **500** | **43** |
| **Scenario 2** | [0.0,0.25,0.5,0.75,0.9] | 1/3. | 10 | 7 | 50 | **Kilifi=5e3** | **500** | **44** |
| **Scenario3** | [0.0,0.25,0.5,0.75,0.9] | 1/3. | 10 | 7 | 50 | **Kilifi=1e4** | **500** | **45** |

Seeded 5 infecteds in Nairobi, and checked the incidence in Kilifi

|  |  |  |
| --- | --- | --- |
| **Scenario 1** | **Scenario 2** | **Scenario 3** |
| **Example of one simulation: S, R** | | |
|  |  |  |
| **Example of one simulation: I (A+D+IQ)** |  |  |
|  |  |  |
| **Example of one simulation: Q** |  |  |
|  |  |  |
| **Example of one simulation: CumContacts** |  |  |
|  |  |  |
| **Time of introduction into Kilifi** |  |  |
|  |  |  |
| **Time from introduction to peak into Kilifi** |  |  |
|  |  |  |