Data File: "Modeling the Ebola Zoonotic Dynamics: Interplay between Enviroclimatic Factors and Bat Ecology " (Buceta et al.)

The file data.zip contains the (compressed) data obtained in numerical simulations for generating Fig. 3 of the manuscript. The file contains 600 frames. The structure of each frame reads as follows:

```
1000 1

0 1 6 1 6 B K BS BI BR time centrex centrey idxneighbor1 idxneighbor2 ...  idxneighbor6
vertex1x vertex1y vertex2x vertex2y ...  vertex6x vertex6y

1 1 6 1 6 B K BS BI BR time centrex centrey idxneighbor1 idxneighbor2 ...  idxneighbor6
vertex1x vertex1y vertex2x vertex2y ...  vertex6x vertex6y
```

⋮

```
999 1 6 1 6 B K BS BI BR time centrex centrey idxneighbor1 idxneighbor2 ...  idxneighborN
vertex1x vertex1y vertex2x vertex2y ...  vertex6x vertex6y
```

where B K BS BI BR are the concentrations of total bats, carrying capacity, susceptible bats, infected bats, recovered from infection bats and the time at a region centered at centrex centrey that is neighboring with the regions given by indexes idxneighbor1 idxneighbor2 ... idxneighbor6 (the first character in each line corresponds to the region index). The periphery is identified as a region with index -1. The regions have an hexagonal shape and the coordinates of the vertexes are given by vertex1x vertex1y vertex2x vertex2y ... vertex6x vertex6y