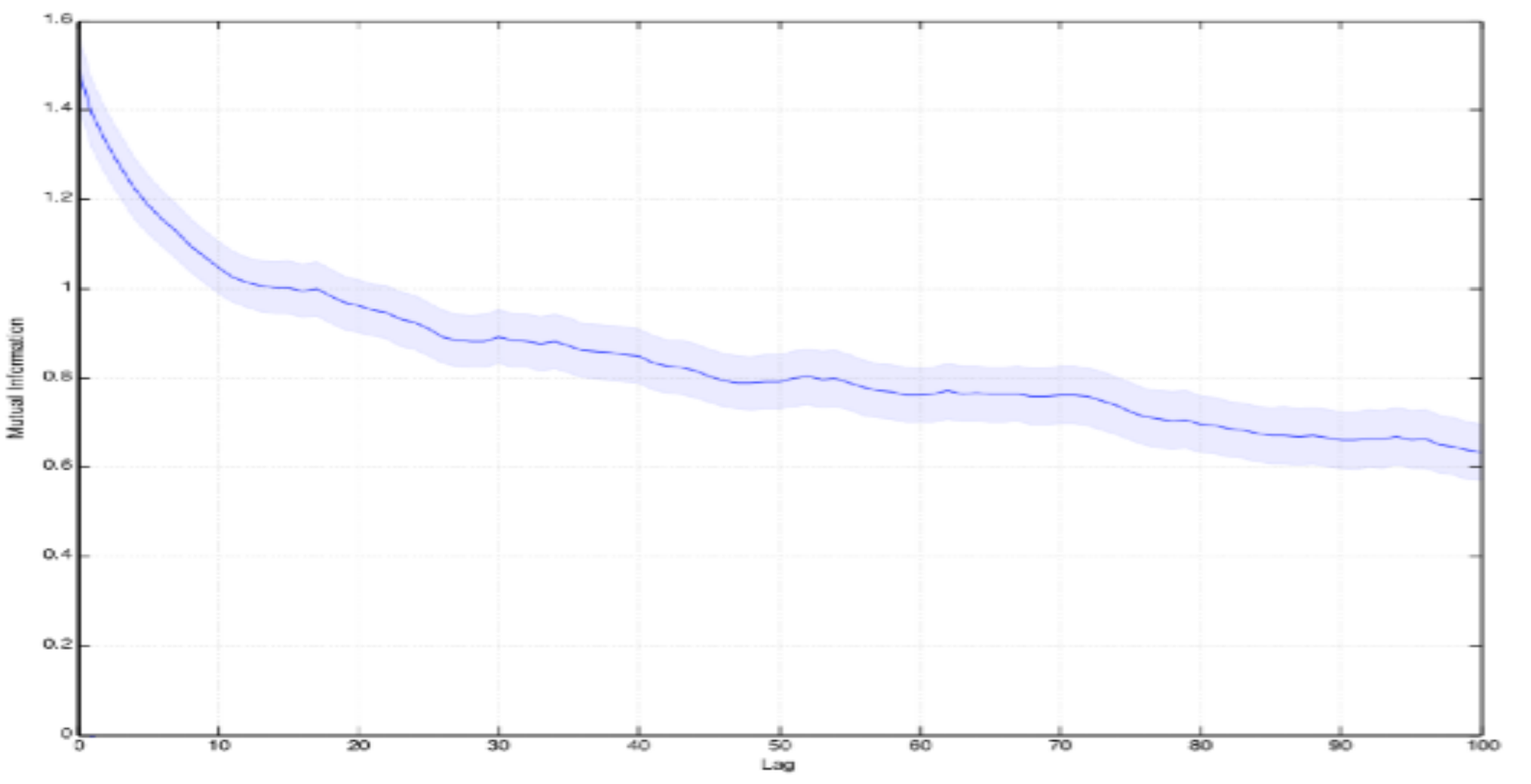
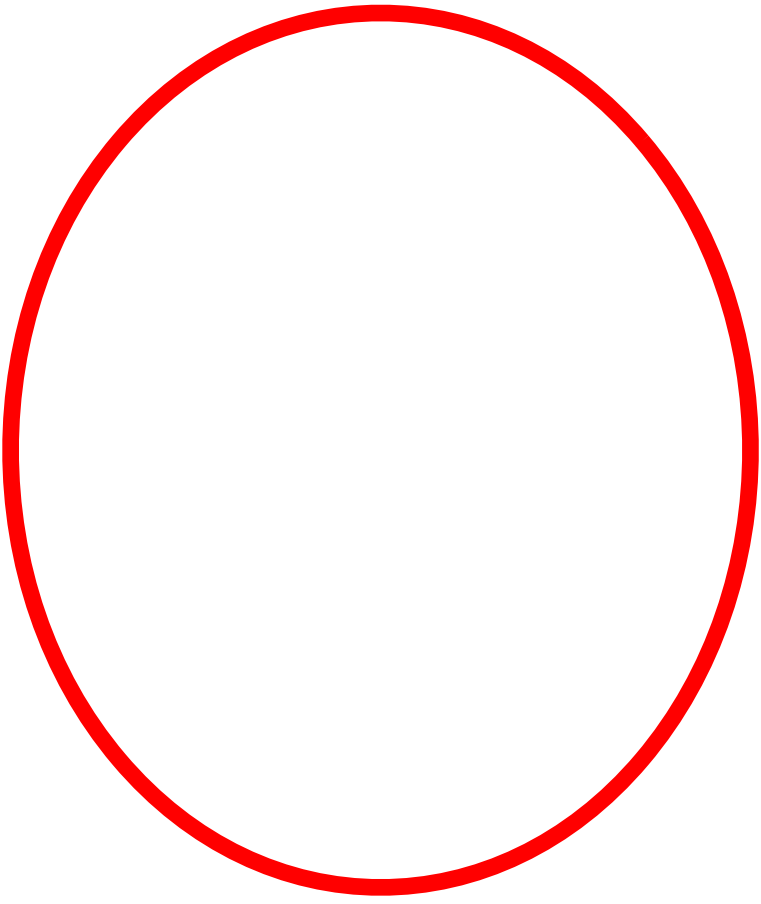
IN·DEI·NOMINE·F

Radboud University Nijmegen

Behavioural Science Institute

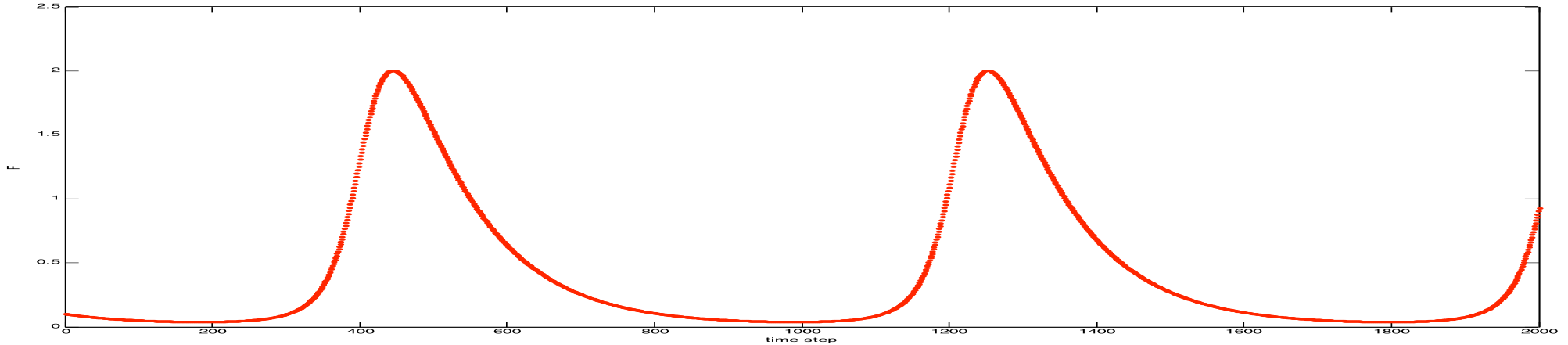

Mutual Information
Lag
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
10
20
30
40
50
60
70
80
90
100

Another familiar example: Predator-Prey dynamics



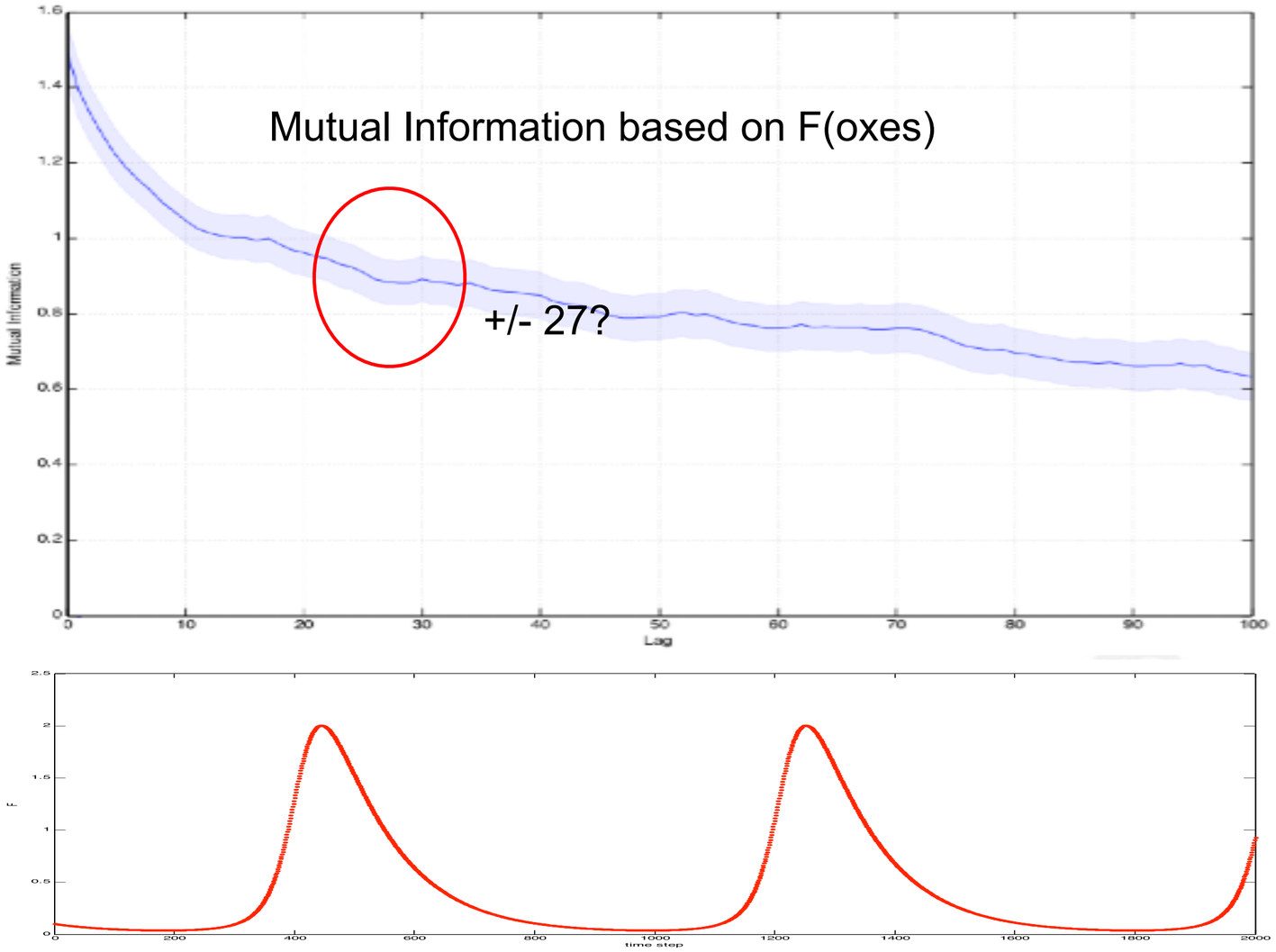
Mutual Information based on F(oxes)

+/- 27?

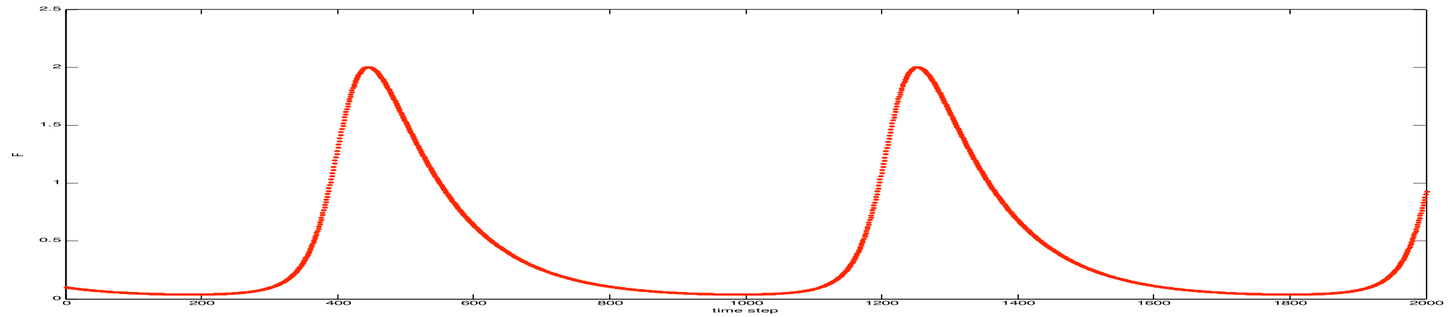

F
time step
0
0.5
1
1.5
2
2.5
0
200
400
600
800
1000
1200
1400
1600
1800
2000

44

Another familiar example: Predator-Prey dynamics



Another familiar example: Predator-Prey dynamics

Embedding dimensions – False Nearest Neighbours Analysis

How many dimensions should we get??