

**Supplementary table 1:**

**Model fitting according to BIC to select number of trajectories**

Number of trajectories	Fit of the model
1	BIC= -2563.86 (N=370)
2	BIC= -2319.34 (N=370)
3	BIC= -2305.62 (N=370)
4	BIC= -2285.06 (N=370)
<b>5</b>	<b>BIC= -2263.63 (N=370)</b>
6	BIC= -2272.32 (N=370)

Abbreviations: BIC= Bayesian Information Criteria