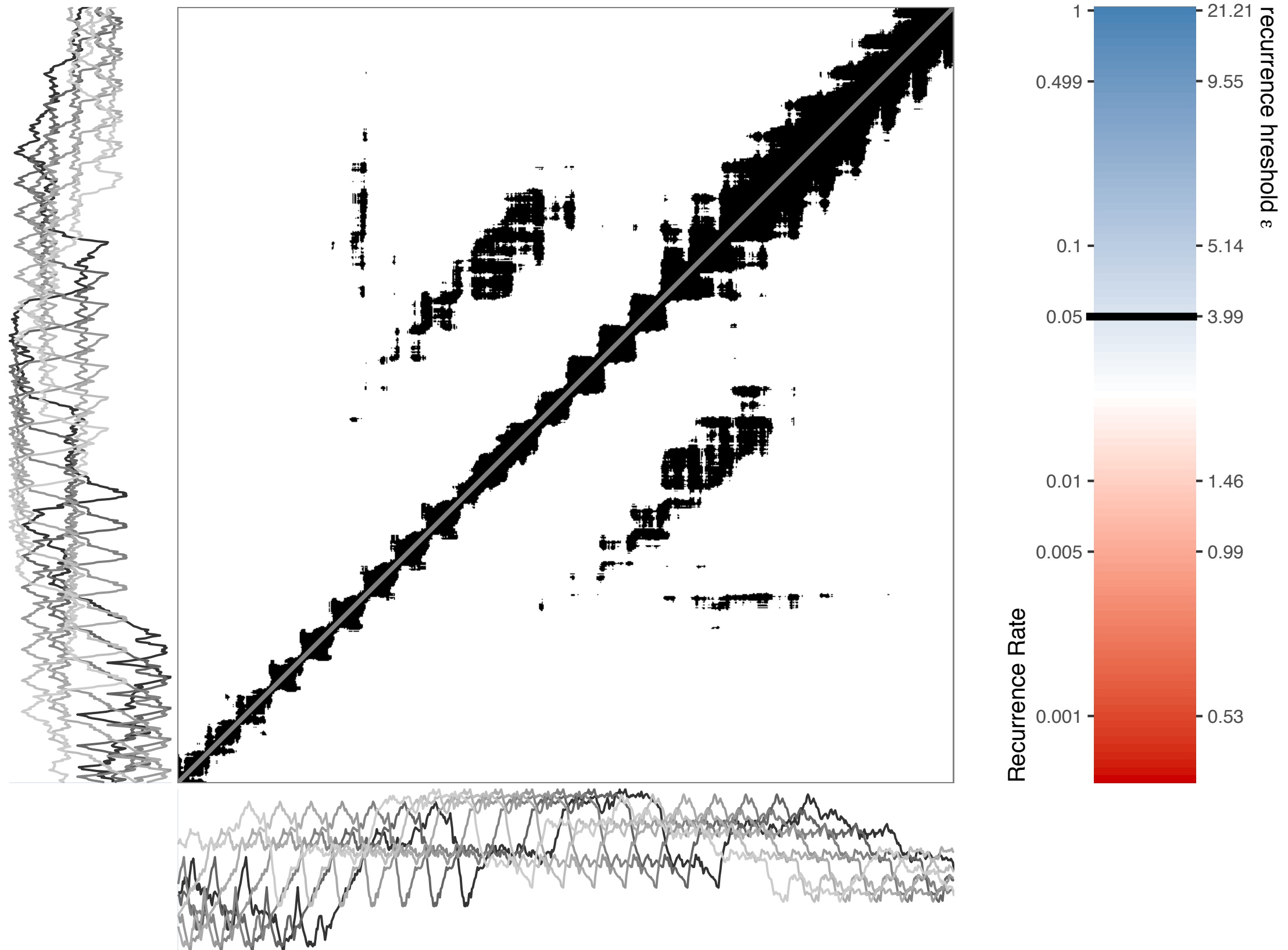
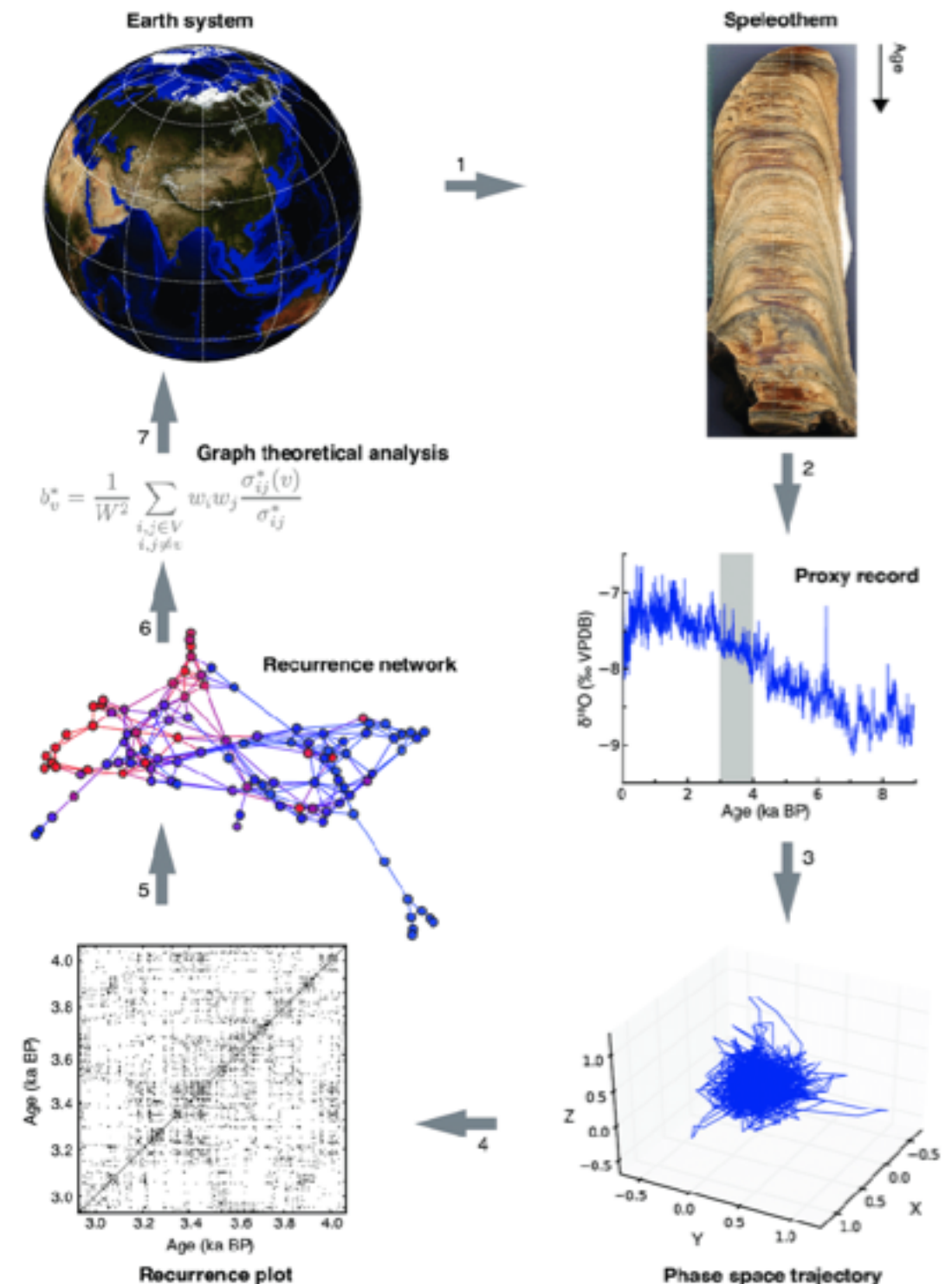


Recurrence/Incidence/Adjacency Matrix



Recurrence/Incidence/Adjacency Matrix

- Time points are nodes (vertices)
- Nodes are connected by lines (edges) if they recur at some later point in time
- Network measures can be interpreted as quantifying aspects of the temporal dynamics, some are equivalent to RQA measures... some are different (e.g. weighted and/or directed network measures)



Donges, J. F., Donner, R., Marwan, N., Breitenbach, S. F., Rehfeld, K., & Kurths, J. (2015). Non-linear regime shifts in Holocene Asian monsoon variability: potential impacts on cultural change and migratory patterns. *Climate of the Past*, 11(5), 709-741.