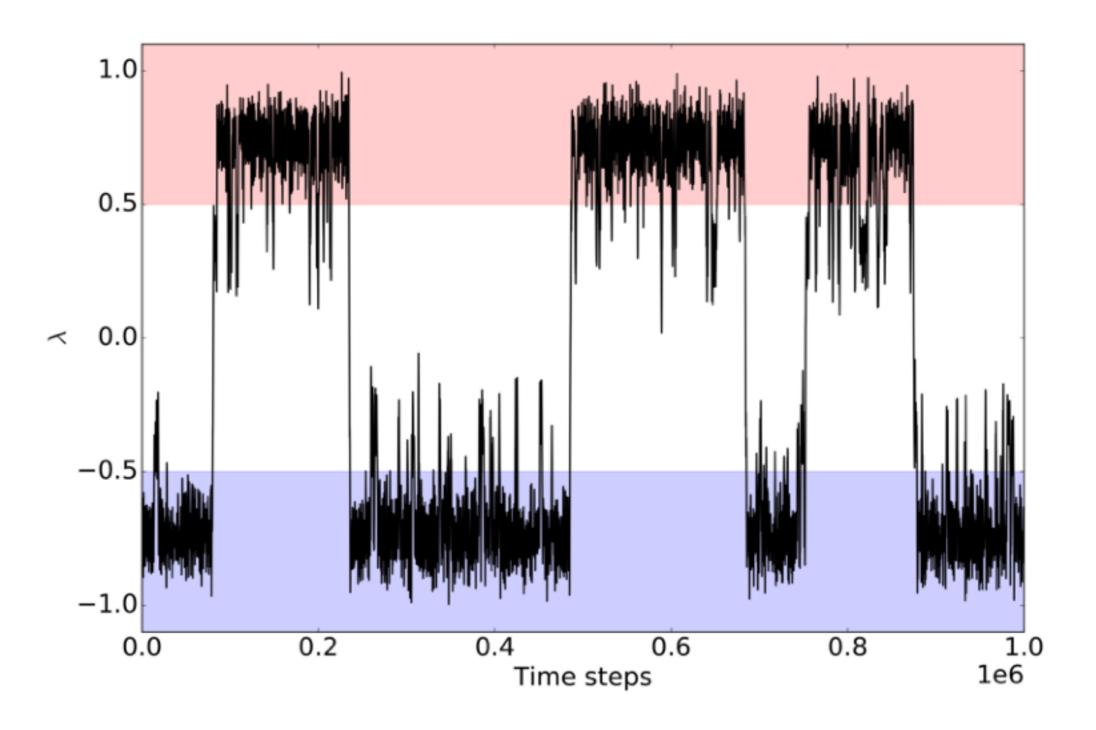
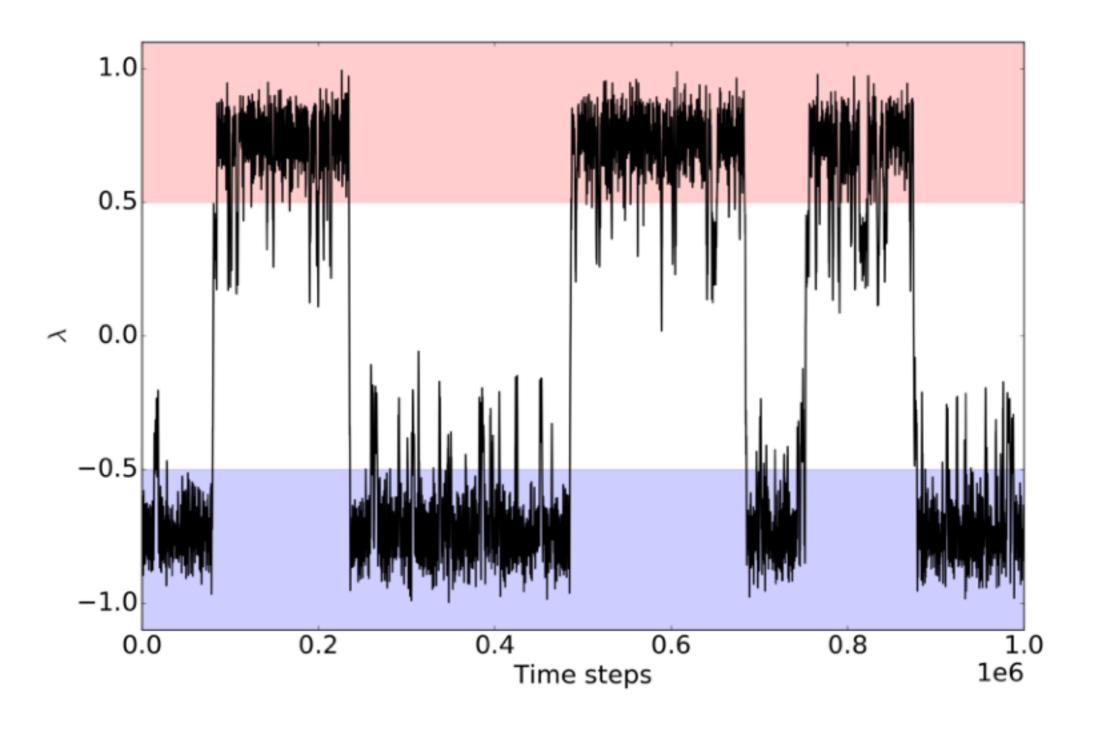
What makes an event "rare"?



Separation of time scales: fundamental time scale vs. frequency of event

What makes an event "rare"?



Biomolecular Systems: ~ 1/ms is common Requires 10¹² time steps of ~ 1 fs