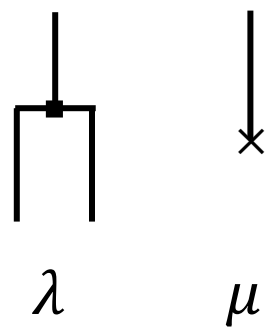
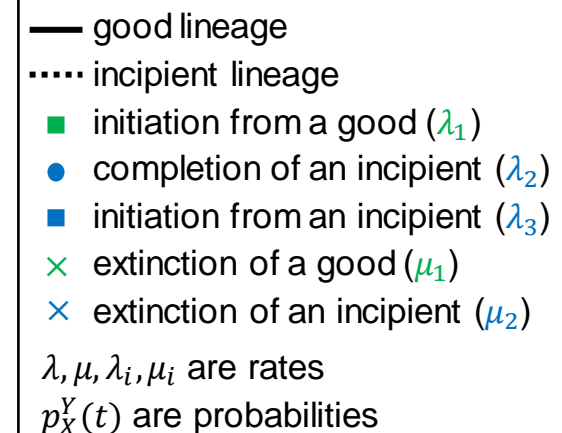
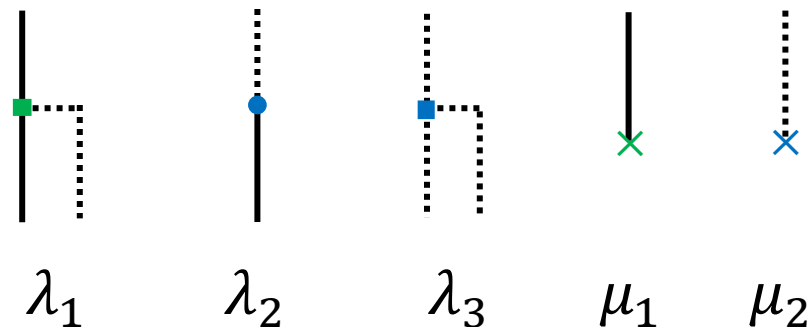


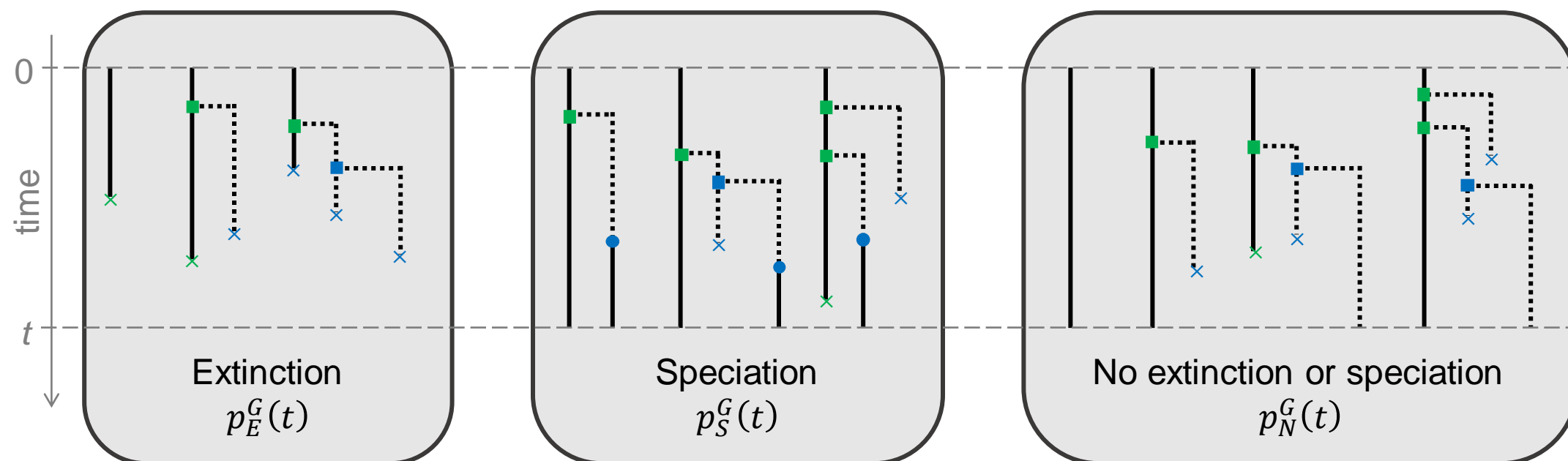
### A. Birth-Death (BD) model



### B. Protracted Birth-Death (PBD) model



### C. Outcomes in a time horizon $t$ starting with a **good** lineage



### D. Outcomes in a time horizon $t$ starting with an **incipient** lineage

