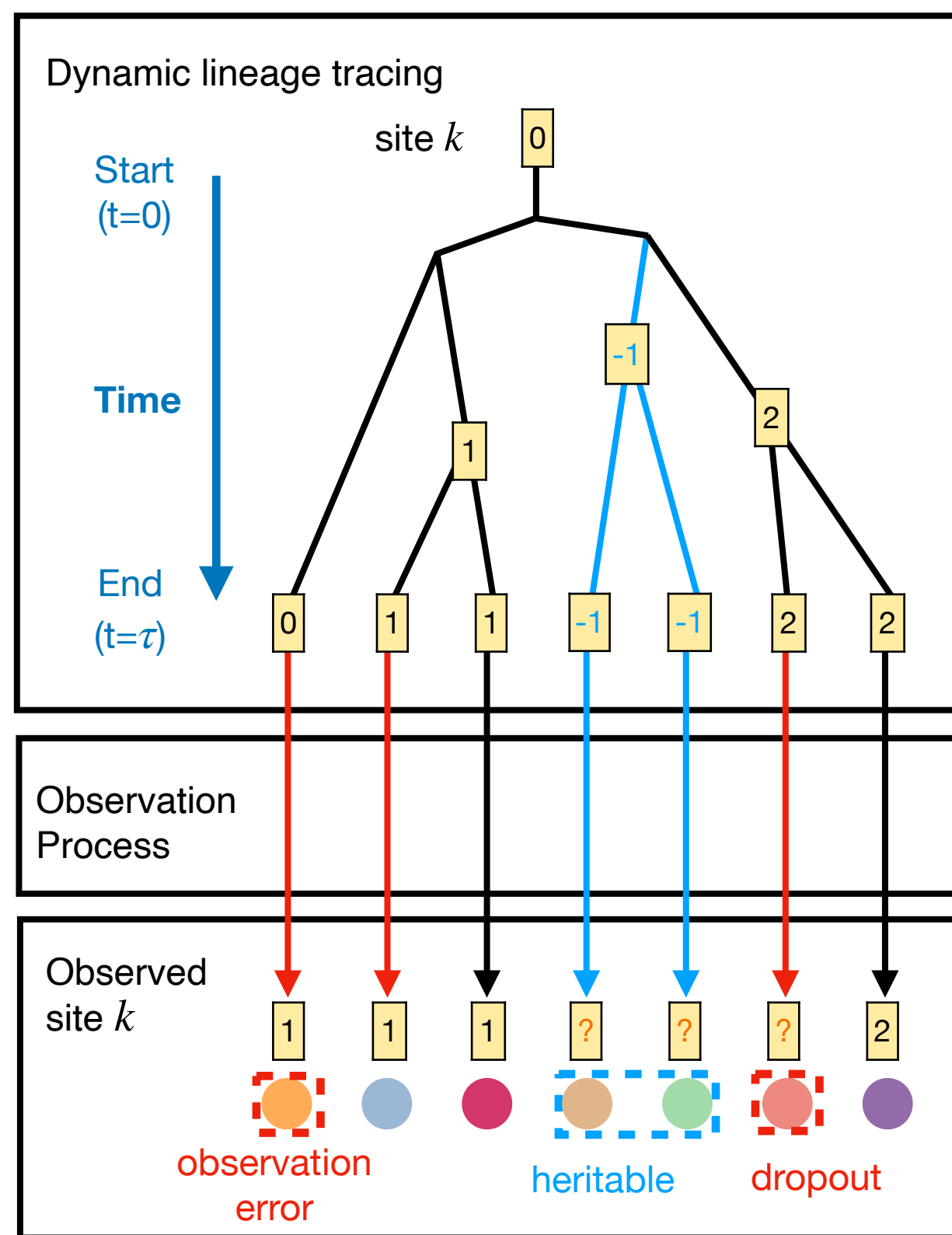


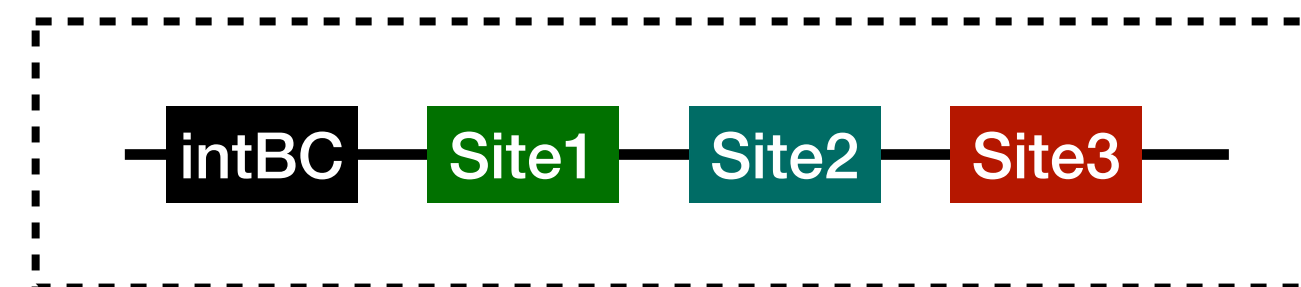
maximum likelihood tree inference
 $\max_{T, \Theta} \log L(T, \Theta; \mathbf{D})$

calculate $L(T, \Theta; \mathbf{D})$ under the PMM



Errors in the Observation Process

Example lineage tracing system



cassette

Sequencing-based

Imaging-based

