Sampling vs. Analysis Transitions

Full rate matrix:

From\To	A	B	C
A	—	$k_{A\to B}$	$k_{A\to C}$
B	$k_{B\to A}$	—	$k_{B\to C}$
C	$k_{C\to A}$	$k_{C\to B}$	—

All the rates we can calculate (one per transition)

Call these "analysis transitions," or just "transitions"

Sampling vs. Analysis Transitions

Focus on rates leaving A

From\To	A	B	C
A	—	$k_{A \to B}$	$k_{A \to C}$

$$k_{A \to B} = \Phi_{A_0} P(\lambda_{A_m} | \lambda_{A_0}) P(B | \lambda_{A_m})$$

$$k_{A \to C} = \Phi_{A_0} P(\lambda_{A_m} | \lambda_{A_0}) P(C | \lambda_{A_m})$$

Flux and crossing probability are identical.
Difference: conditional transition probability