Asymmetric tree, $\theta = 0.001$ DM

Symmetric tree, $\theta = 0.001$ DM

$\text{Tanc}=0.01$
10 Mya

$\text{Tanc}=0.005$
5 Mya

$\text{Tanc}=0.001$
1 Mya

Continued overleaf
Asymmetric tree, $\theta = \text{mixed DM}$

Symmetric tree, $\theta = \text{mixed DM}$

$T_{anc} = 0.01$
10 Mya

$T_{anc} = 0.005$
5 Mya

$T_{anc} = 0.001$
1 Mya

Continued overleaf
Asymmetric tree, $\theta = 0.001$ LR

Symmetric tree, $\theta = 0.001$ LR

$T_{anc}=0.01$
10 Mya

$T_{anc}=0.005$
5 Mya

$T_{anc}=0.001$
1 Mya

Continued overleaf
Posterior probabilities of the true model (either an asymmetric or symmetric tree from a total of 15 possible models or topologies) as assessed by our ABC framework for a specific framework of demographic scenarios using the Direct (DR) and Logistic Regression (LR) methods. \( T_{anc} \) equal the total height of the tree. Conversion of height from substitutions per site to years is based on a mutation rate of \( 1 \times 10^{-9} \) per year. For \( \theta = \text{mixed} \), see Supplementary text for exact parameterization.