Tree Error (MS) vs. Deviation from Ultrametricity 0.10 FastTree **RAxML** Tree Error (MS) (divided by n^2) $\begin{array}{ccc}
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\
& 0 & 0 \\$ 0.00 2.952 5.904 29.518 147.591 295.182 inf Gamma Distribution Rate (α)