	Empirical data	Synthetic data							
Sackin index of tree imbalance	0.102	0.088							
Colless index of tree imbalance	0.076	0.059							
Average size of ladders ¹	0.006	0.007							
Cherries ²	0.663	0.635							
IL number³	0.339	0.366							
Maximum height of the tips	0.083	0.073							
Pitchforks ⁴	0.451	0.477							
First staircase-ness measure⁵	0.600	0.632							
Second staircase-ness measure	0.603	0.598							
1 A ladder is defined as a series of co	nsecutive nodes in th	e tree, each of which has	xactly one tip	child. The size	e of the ladder is	given by the num	ber of nodes in the	e chain.	
2 A cherry is a pair of sister tips.									
3 The IL number is defined as the nun	nber of internal nodes	s with a single tip child.							
4 Pitchforks are clades with three tips.									