

Model	Diversity metric	Slope	% Difference	% Error
Lognormal	N_{\max}	1.0	1.5	1.5
	Evenness	-0.48	42.0	53.0
	Skewness	0.10	23.0	20.0
Zipf	N_{\max}	1.0	0.28	0.28
	Evenness	-0.53	53.0	72.0
	Skewness	0.086	41.0	34.0
Log-series	N_{\max}	0.86	16.0	14.0
	Evenness	-0.16	66.0	50.0
	Skewness	0.048	92.0	63.0
Broken-stick	N_{\max}	0.73	32.0	27.0
	Evenness	-0.022	170.0	93.0
	Skewness	0.014	160.0	89.0