

No	Calib	node	Prior_uniform_hardbounds	Prior_uniform_softbounds	Prior_skew_T
1	Tracheophyta	645	B(4.22,4.51,0.01,0.05)	B(4.22,4.51,0.01,0.05)	B(4.22,4.51,0.01,0.05)
2	Euphyllophytes	646	B(3.86,4.51,0.01,0.05)	B(3.86,4.51,0.01,0.05)	B(3.86,4.51,0.01,0.05)
3	Spermatophytes	647	B(3.08,3.66,0.01,0.05)	B(3.08,3.66,0.01,0.05)	B(3.08,3.66,0.01,0.05)
4	angiosperm	648	B(1.33,1.53,1e-300,1e-300)	B(1.33,1.53,0.025,0.025)	ST(1.337,0.08,6.638,15.561)
5	Trochodendraceae	657	B(0.68,1.3,1e-300,1e-300)	B(0.68,1.3,0.025,0.025)	removed - mcmc_clash
6	Malpighiales	668	B(0.96,1.35,1e-300,1e-300)	B(0.96,1.35,0.025,0.025)	ST(0.967,0.07,6.124,2.337)
7	Euphorbiaceae	674	B(0.73,0.86,1e-300,1e-300)	B(0.73,0.86,0.025,0.025)	ST(0.726,0.039,16.22,3.495)
8	Malpighiaceae	697	B(0.71,1.45,1e-300,1e-300)	B(0.71,1.45,0.025,0.025)	ST(0.7,0.178,108.856,2.934)
9	Elatinaceae	702	B(0.22,0.6,1e-300,1e-300)	B(0.22,0.6,0.025,0.025)	ST(0.224,0.071,8.819,2.227)
10	Ochnaceae	704	B(0.71,1.79,1e-300,1e-300)	B(0.71,1.79,0.025,0.025)	ST(0.702,0.286,89.896,3.484)
11	Phyllanthaceae	714	B(0.7,1.26,1e-300,1e-300)	B(0.7,1.26,0.025,0.025)	ST(0.7,0.12,90.408,2.551)
12	Chrysobalanaceae	734	B(0.23,0.52,1e-300,1e-300)	B(0.23,0.52,0.025,0.025)	ST(0.225,0.083,608.917,3.882)
13	Rhizophoraceae	741	B(0.55,1.02,1e-300,1e-300)	B(0.55,1.02,0.025,0.025)	ST(0.55,0.116,267.652,3.149)
14	Achariaceae	746	B(0.71,2.01,1e-300,1e-300)	B(0.71,2.01,0.025,0.025)	ST(0.701,0.29,71.339,2.693)
15	Salicaceae	748	B(0.7,0.86,1e-300,1e-300)	B(0.7,0.86,0.025,0.025)	ST(0.7,0.043,1375.69,3.617)
16	Violaceae	762	B(0.78,1.38,1e-300,1e-300)	B(0.78,1.38,0.025,0.025)	ST(0.775,0.158,78.71,3.313)
17	Passifloraceae	766	B(0.46,1.45,1e-300,1e-300)	B(0.46,1.45,0.025,0.025)	ST(0.451,0.231,147.504,2.863)
18	Calophyllaceae	777	B(0.7,1.24,1e-300,1e-300)	B(0.7,1.24,0.025,0.025)	ST(0.701,0.127,47.076,2.828)
19	Hypericaceae	779	B(0.4,0.61,1e-300,1e-300)	B(0.4,0.61,0.025,0.025)	ST(0.401,0.048,17.992,2.648)
20	Clusiaceae	785	B(0.96,1.62,1e-300,1e-300)	B(0.96,1.62,0.025,0.025)	ST(0.95,0.143,81.354,2.567)
21	Humiriaceae	791	B(0.4,0.87,1e-300,1e-300)	B(0.4,0.87,0.025,0.025)	ST(0.401,0.104,18.567,2.64)
22	Oxalidales	796	B(0.88,1.18,1e-300,1e-300)	B(0.88,1.18,0.025,0.025)	ST(0.875,0.086,509.428,4.115)
23	Cunoniaceae	799	B(0.85,1.47,1e-300,1e-300)	B(0.85,1.47,0.025,0.025)	ST(0.85,0.133,42.784,2.539)
24	Elaeocarpaceae	800	B(0.71,1.05,1e-300,1e-300)	B(0.71,1.05,0.025,0.025)	ST(0.701,0.11,139.778,5.264)
25	Celastraceae	809	B(1.03,1.64,1e-300,1e-300)	B(1.03,1.64,0.025,0.025)	ST(1.025,0.125,93.539,2.374)
26	Fagales	825	B(1,1.1,1e-300,1e-300)	B(1,1.1,0.025,0.025)	ST(1,0.029,536.345,3.832)
27	Fagaceae	826	B(1,1.3,1e-300,1e-300)	B(1,1.3,0.025,0.025)	ST(1,0.105,120.132,7.317)
28	Cucurbitales	832	B(0.54,0.92,1e-300,1e-300)	B(0.54,0.92,0.025,0.025)	ST(0.544,0.082,7.122,2.702)
29	Cucurbitaceae	834	B(0.56,1.05,1e-300,1e-300)	B(0.56,1.05,0.025,0.025)	ST(0.552,0.146,67.672,4.512)
30	Rosales	837	B(1.03,1.22,1e-300,1e-300)	B(1.03,1.22,0.025,0.025)	ST(1.025,0.034,462.919,2.099)
31	Urticaceae	841	B(0.55,0.87,1e-300,1e-300)	B(0.55,0.87,0.025,0.025)	ST(0.55,0.07,43.855,2.598)
32	Cannabaceae	843	B(0.72,1,1e-300,1e-300)	B(0.72,1,0.025,0.025)	ST(0.725,0.054,7.318,2.278)
33	Rhamnaceae	844	B(0.77,0.99,1e-300,1e-300)	B(0.77,0.99,0.025,0.025)	ST(0.775,0.039,5.522,2.1)

34 Fabales	847 B(1,1.42,1e-300,1e-300)	B(1,1.42,0.025,0.025)	ST(1,0.096,372.385,2.742)
35 Fabaceae	848 B(0.7,0.94,1e-300,1e-300)	B(0.7,0.94,0.025,0.025)	ST(0.7,0.049,154.092,2.512)
36 Brassicales	862 B(0.64,1.07,1e-300,1e-300)	B(0.64,1.07,0.025,0.025)	ST(0.646,0.095,8.124,2.708)
37 Malvales	869 B(0.88,1.25,1e-300,1e-300)	B(0.88,1.25,0.025,0.025)	ST(0.875,0.084,312.101,2.83)
38 Malvaceae	872 B(0.7,0.84,1e-300,1e-300)	B(0.7,0.84,0.025,0.025)	ST(0.7,0.046,649.782,6.267)
39 Sapindales	875 B(1,1.18,1e-300,1e-300)	B(1,1.18,0.025,0.025)	ST(1,0.04,296.338,2.882)
40 Crossosomatales	881 B(0.61,1.06,1e-300,1e-300)	B(0.61,1.06,0.025,0.025)	ST(0.617,0.103,8.495,2.902)
41 Myrtales	887 B(0.98,1.18,1e-300,1e-300)	B(0.98,1.18,0.025,0.025)	ST(0.975,0.038,371.243,2.234)
42 Myrtaceae	891 B(0.7,0.91,1e-300,1e-300)	B(0.7,0.91,0.025,0.025)	ST(0.7,0.077,1175.373,8.242)
43 Vitaceae	897 B(0.68,0.78,1e-300,1e-300)	B(0.68,0.78,0.025,0.025)	ST(0.702,0.021,1.485,3.802)
44 Saxifragales	898 B(1.05,1.29,1e-300,1e-300)	B(1.05,1.29,0.025,0.025)	ST(1.05,0.05,436.515,2.521)
45 Haloragaceae	906 B(0.78,1.28,1e-300,1e-300)	B(0.78,1.28,0.025,0.025)	ST(0.775,0.126,21.366,3.141)
46 Altingiaceae	913 B(0.71,1,1e-300,1e-300)	B(0.71,1,0.025,0.025)	removed - mcmc_clash
47 Hamamelidaceae	914 B(0.95,1.26,1e-300,1e-300)	B(0.95,1.26,0.025,0.025)	ST(0.95,0.087,1061.88,3.907)
48 Dipsacales	933 B(0.95,1.38,1e-300,1e-300)	B(0.95,1.38,0.025,0.025)	ST(0.95,0.059,454.689,1.717)
49 Adoxaceae	958 B(0.78,1.1,1e-300,1e-300)	B(0.78,1.1,0.025,0.025)	ST(0.775,0.065,12.265,2.333)
50 Apiales	964 B(0.96,1.59,1e-300,1e-300)	B(0.96,1.59,0.025,0.025)	ST(0.96,0.146,14.481,2.97)
51 Torricelliaceae	965 B(0.61,1.69,1e-300,1e-300)	B(0.61,1.69,0.025,0.025)	ST(0.6,0.229,26.089,2.583)
52 Araliaceae	968 B(0.73,0.94,1e-300,1e-300)	B(0.73,0.94,0.025,0.025)	ST(0.725,0.045,19.475,2.399)
53 Apiaceae	970 B(0.73,1.28,1e-300,1e-300)	B(0.73,1.28,0.025,0.025)	ST(0.725,0.142,170.401,3.245)
54 Pittosporaceae	990 B(0.43,1.11,1e-300,1e-300)	B(0.43,1.11,0.025,0.025)	ST(0.426,0.144,39.518,2.457)
55 Asterales	1002 B(0.43,0.7,1e-300,1e-300)	B(0.43,0.7,0.025,0.025)	removed - mcmc_clash
56 Asteraceae	1008 B(0.51,0.96,1e-300,1e-300)	B(0.51,0.96,0.025,0.025)	ST(0.501,0.152,196.221,5.942)
57 Menyanthaceae	1021 B(0.35,0.57,1e-300,1e-300)	B(0.35,0.57,0.025,0.025)	ST(0.35,0.046,6.373,2.287)
58 Campanulaceae	1033 B(0.21,0.92,1e-300,1e-300)	B(0.21,0.92,0.025,0.025)	ST(0.2,0.155,337.75,2.73)
59 Lamiales	1054 B(0.75,0.99,1e-300,1e-300)	B(0.75,0.99,0.025,0.025)	ST(0.75,0.051,136.418,2.597)
60 Solanales	1075 B(0.56,1.02,1e-300,1e-300)	B(0.56,1.02,0.025,0.025)	ST(0.55,0.11,279.88,3.006)
61 Gentianales	1083 B(0.73,1,1e-300,1e-300)	B(0.73,1,0.025,0.025)	ST(0.725,0.04,317.366,1.821)
62 Boraginaceae	1090 B(0.55,0.97,1e-300,1e-300)	B(0.55,0.97,0.025,0.025)	ST(0.55,0.109,710.583,3.412)
63 Garryales	1093 B(0.65,1.08,1e-300,1e-300)	B(0.65,1.08,0.025,0.025)	ST(0.651,0.115,173.807,3.624)
64 Ericales	1094 B(1.13,1.58,1e-300,1e-300)	B(1.13,1.58,0.025,0.025)	ST(1.14,0.097,8.567,2.848)
65 Primulaceae	1106 B(0.7,1.23,1e-300,1e-300)	B(0.7,1.23,0.025,0.025)	ST(0.7,0.126,102.731,2.93)
66 Cornales	1115 B(0.9,1.2,1e-300,1e-300)	B(0.9,1.2,0.025,0.025)	ST(0.902,0.078,28.513,3.729)
67 Caryophyllales	1120 B(0.89,1.47,1e-300,1e-300)	B(0.89,1.47,0.025,0.025)	ST(0.895,0.139,11.741,3.001)

68 Nyctaginaceae	1141	B(0.18,0.56,1e-300,1e-300)	B(0.18,0.56,0.025,0.025)	ST(0.175,0.098,353.5,3.326)
69 Amaranthaceae	1147	B(0.13,0.25,1e-300,1e-300)	B(0.13,0.25,0.025,0.025)	ST(0.126,0.03,21.612,3)
70 Polygonaceae	1153	B(0.35,0.57,1e-300,1e-300)	B(0.35,0.57,0.025,0.025)	ST(0.351,0.046,18.638,2.307)
71 Santalales	1163	B(0.73,1.15,1e-300,1e-300)	B(0.73,1.15,0.025,0.025)	ST(0.736,0.108,10.859,3.449)
72 Buxaceae	1171	B(0.3,0.53,1e-300,1e-300)	B(0.3,0.53,0.025,0.025)	ST(0.3,0.053,385.069,2.797)
73 Proteales	1174	B(1.15,1.24,1e-300,1e-300)	B(1.15,1.24,0.025,0.025)	ST(1.15,0.025,325.746,3.553)
74 Proteaceae	1176	B(0.65,0.82,1e-300,1e-300)	B(0.65,0.82,0.025,0.025)	ST(0.651,0.038,12.919,2.559)
75 Ranunculales	1179	B(1.15,1.56,1e-300,1e-300)	B(1.15,1.56,0.025,0.025)	ST(1.15,0.076,574.125,2.308)
76 Menispermaceae	1182	B(0.92,1.07,1e-300,1e-300)	B(0.92,1.07,0.025,0.025)	ST(0.925,0.036,4.382,2.831)
77 Ranunculaceae	1183	B(0.65,1.05,1e-300,1e-300)	B(0.65,1.05,0.025,0.025)	ST(0.65,0.1,76.684,2.991)
78 Berberidaceae	1186	B(0.48,0.66,1e-300,1e-300)	B(0.48,0.66,0.025,0.025)	ST(0.475,0.048,22.374,3.075)
79 Lardizabalaceae	1188	B(1.19,2.53,1e-300,1e-300)	B(1.19,2.53,0.025,0.025)	ST(1.177,0.391,41.935,4.188)
80 Arecaceae	1198	B(0.88,1.01,1e-300,1e-300)	B(0.88,1.01,0.025,0.025)	ST(0.889,0.04,3.358,6.699)
81 Poales	1200	B(0.73,0.93,1e-300,1e-300)	B(0.73,0.93,0.025,0.025)	ST(0.725,0.073,152.76,7.459)
82 Poaceae	1201	B(0.7,1.14,1e-300,1e-300)	B(0.7,1.14,0.025,0.025)	ST(0.7,0.112,243.296,3.272)
83 Typhaceae	1205	B(0.65,1,1e-300,1e-300)	B(0.65,1,0.025,0.025)	ST(0.649,0.073,8.212,2.484)
84 Zingiberales	1208	B(0.89,1.23,1e-300,1e-300)	B(0.89,1.23,0.025,0.025)	ST(0.894,0.076,6.699,2.768)
85 Asparagales	1212	B(0.7,1.2,1e-300,1e-300)	B(0.7,1.2,0.025,0.025)	ST(0.7,0.125,480.96,3.111)
86 Orchidaceae	1221	B(0.86,2.61,1e-300,1e-300)	B(0.86,2.61,0.025,0.025)	ST(0.847,0.631,31.109,9.444)
87 Pandanales	1225	B(1,1.69,1e-300,1e-300)	B(1,1.69,0.025,0.025)	ST(0.999,0.178,15.179,3.416)
88 Alismatales	1226	B(0.83,1.1,1e-300,1e-300)	B(0.83,1.1,0.025,0.025)	ST(0.825,0.07,274.653,3.588)
89 Araceae	1232	B(0.73,0.9,1e-300,1e-300)	B(0.73,0.9,0.025,0.025)	ST(0.725,0.044,34.814,2.98)
90 Laurales	1237	B(1.15,1.35,1e-300,1e-300)	B(1.15,1.35,0.025,0.025)	ST(1.15,0.073,528.2,8.591)
91 Lauraceae	1239	B(1.12,1.59,1e-300,1e-300)	B(1.12,1.59,0.025,0.025)	ST(1.121,0.087,8.551,2.26)
92 Monimiaceae	1240	B(0.85,2.27,1e-300,1e-300)	B(0.85,2.27,0.025,0.025)	ST(0.833,0.386,47.392,3.721)
93 Atherospermataceae	1245	B(0.8,1.53,1e-300,1e-300)	B(0.8,1.53,0.025,0.025)	ST(0.798,0.169,16.316,2.862)
94 Magnoliales	1248	B(1.15,1.4,1e-300,1e-300)	B(1.15,1.4,0.025,0.025)	ST(1.15,0.062,599.03,3.23)
95 Magnoliaceae	1249	B(1.07,1.3,1e-300,1e-300)	B(1.07,1.3,0.025,0.025)	ST(1.074,0.054,5.97,2.848)
96 Annonaceae	1252	B(0.93,1.18,1e-300,1e-300)	B(0.93,1.18,0.025,0.025)	ST(0.925,0.056,22.654,2.442)
97 Myristicaceae	1254	B(0.66,1.72,1e-300,1e-300)	B(0.66,1.72,0.025,0.025)	ST(0.651,0.26,86.568,3.043)
98 Piperales	1257	B(1.04,1.78,1e-300,1e-300)	B(1.04,1.78,0.025,0.025)	ST(1.035,0.19,20.09,3.331)
99 Piperaceae	1259	B(0.74,2.11,1e-300,1e-300)	B(0.74,2.11,0.025,0.025)	ST(0.726,0.36,259.89,3.499)
100 Saururaceae	1260	B(0.46,0.87,1e-300,1e-300)	B(0.46,0.87,0.025,0.025)	ST(0.47,0.091,7.974,2.862)
101 Canellales	1264	B(1.01,2.32,1e-300,1e-300)	B(1.01,2.32,0.025,0.025)	ST(0.999,0.366,25.883,3.989)

102 Winteraceae	1265	B(0.84,2.25,1e-300,1e-300)	B(0.84,2.25,0.025,0.025)	ST(0.826,0.344,57.645,3.035)
103 Schisandraceae	1273	B(0.48,0.75,1e-300,1e-300)	B(0.48,0.75,0.025,0.025)	ST(0.476,0.065,17.102,2.822)
104 Nymphaeales	1275	B(1.03,1.31,1e-300,1e-300)	B(1.03,1.31,0.025,0.025)	ST(1.025,0.049,451.84,2.008)
105 Acrogymnosperms	1279	B(3.08,3.66,0.01,0.05)	B(3.08,3.66,0.01,0.05)	B(3.08,3.66,0.01,0.05)
106 Conifers	1280	B(1.47,3.12,0.01,0.05)	B(1.47,3.12,0.01,0.05)	B(1.47,3.12,0.01,0.05)
107 Gnetales	1282	B(1.2,3.12,0.01,0.05)	B(1.2,3.12,0.01,0.05)	B(1.2,3.12,0.01,0.05)
108 Ginkgo-Cycas	1284	B(2.65,3.66,0.01,0.05)	B(2.65,3.66,0.01,0.05)	B(2.65,3.66,0.01,0.05)
109 Ferns	1286	B(3.85,4.51,0.01,0.05)	B(3.85,4.51,0.01,0.05)	B(3.85,4.51,0.01,0.05)
110 Lycophytes	1287	B(3.92,4.51,0.01,0.05)	B(3.92,4.51,0.01,0.05)	B(3.92,4.51,0.01,0.05)

NOTE: time unit is 100Ma