Supplementary Table 1. Means, standard errors (SE), and lower (Inf95) and upper (Sup95) bounds of 95% Bayesian credibility intervals for estimated node ages from both PhyloBayes chains (1, 2). Node numbers correspond to those indicated in Figure 2.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Node** | **Mean1** | **Mean2** | **SE1** | **SE2** | **Inf95\_1** | **Inf95\_2** | **Sup95\_1** | **Sup95\_2** |
| 0 | 517.58 | 518.65 | 15.09 | 14.92 | 489.57 | 491.13 | 541.26 | 541.37 |
| 1 | 475.72 | 476.55 | 21.71 | 21.78 | 429.33 | 433.59 | 515.93 | 518.60 |
| 2 | 420.09 | 421.15 | 27.13 | 26.21 | 362.25 | 365.04 | 469.78 | 469.53 |
| 3 | 389.60 | 389.05 | 31.40 | 28.70 | 322.33 | 330.63 | 449.06 | 444.05 |
| 4 | 322.60 | 324.97 | 33.05 | 31.48 | 255.80 | 264.30 | 385.68 | 388.33 |
| 5 | 294.69 | 295.60 | 32.85 | 30.74 | 235.44 | 233.48 | 363.27 | 357.93 |
| 6 | 218.24 | 218.69 | 32.25 | 31.01 | 154.15 | 158.78 | 283.58 | 278.04 |
| 7 | 170.62 | 173.14 | 32.02 | 31.65 | 108.17 | 115.17 | 230.99 | 242.40 |
| 8 | 153.80 | 156.53 | 31.68 | 31.92 | 94.45 | 98.17 | 219.02 | 228.71 |
| 9 | 144.66 | 146.92 | 31.10 | 31.30 | 86.50 | 87.84 | 213.37 | 216.97 |
| 10 | 125.70 | 125.83 | 32.40 | 31.87 | 67.67 | 69.76 | 194.83 | 202.70 |
| 11 | 40.79 | 38.85 | 20.38 | 20.51 | 13.12 | 11.86 | 92.11 | 92.13 |
| 12 | 27.33 | 26.84 | 14.99 | 15.69 | 8.24 | 8.17 | 66.87 | 70.70 |
| 13 | 28.52 | 30.36 | 13.91 | 16.35 | 11.32 | 10.84 | 65.15 | 77.33 |
| 14 | 130.18 | 132.94 | 32.95 | 32.43 | 71.74 | 75.94 | 198.54 | 199.76 |
| 15 | 59.20 | 60.91 | 24.37 | 26.07 | 20.01 | 22.50 | 118.13 | 121.34 |
| 16 | 196.05 | 195.30 | 32.66 | 32.56 | 135.16 | 132.57 | 265.61 | 257.12 |
| 17 | 132.14 | 132.90 | 31.64 | 31.11 | 75.44 | 72.96 | 199.14 | 194.79 |
| 18 | 35.03 | 35.15 | 19.60 | 20.39 | 9.24 | 9.55 | 86.77 | 90.62 |
| 19 | 13.86 | 13.59 | 10.43 | 10.23 | 2.69 | 2.72 | 45.52 | 42.37 |
| 20 | 112.01 | 110.79 | 31.93 | 31.04 | 55.44 | 53.98 | 184.49 | 175.28 |
| 21 | 164.03 | 161.78 | 38.71 | 38.06 | 98.27 | 95.24 | 251.37 | 239.28 |
| 22 | 300.20 | 299.51 | 37.37 | 34.75 | 222.46 | 230.44 | 372.53 | 366.87 |
| 23 | 272.83 | 270.3 | 39.42 | 36.61 | 189.83 | 202.08 | 349.37 | 342.43 |
| 24 | 191.40 | 185.47 | 40.35 | 37.66 | 104.72 | 113.74 | 268.03 | 264.43 |
| 25 | 160.27 | 153.44 | 40.80 | 38.61 | 85.26 | 75.78 | 244.60 | 239.01 |
| 26 | 124.36 | 118.07 | 38.20 | 36.39 | 52.00 | 52.67 | 207.29 | 202.49 |
| 27 | 77.96 | 73.36 | 35.76 | 33.74 | 22.71 | 20.03 | 160.29 | 162.06 |
| 28 | 89.48 | 83.32 | 39.13 | 37.48 | 25.50 | 24.51 | 176.26 | 169.00 |
| 29 | 248.05 | 245.60 | 41.05 | 39.31 | 157.33 | 169.87 | 323.41 | 317.36 |
| 30 | 91.00 | 88.53 | 36.54 | 35.73 | 28.44 | 30.01 | 173.38 | 167.53 |
| 31 | 216.77 | 214.60 | 45.94 | 44.45 | 124.68 | 128.55 | 310.15 | 306.12 |
| 32 | 376.97 | 376.83 | 33.36 | 33.57 | 309.93 | 310.01 | 446.59 | 444.56 |
| 33 | 349.55 | 350.05 | 35.17 | 35.04 | 282.72 | 286.23 | 418.08 | 422.58 |
| 34 | 324.14 | 324.05 | 34.66 | 34.73 | 263.80 | 255.62 | 393.56 | 399.77 |
| 35 | 274.39 | 274.03 | 32.50 | 31.19 | 216.90 | 218.36 | 342.47 | 342.93 |
| 36 | 140.56 | 139.73 | 35.73 | 33.16 | 87.79 | 89.61 | 222.62 | 216.91 |
| 37 | 93.80 | 93.29 | 30.42 | 29.21 | 47.89 | 49.08 | 168.01 | 155.55 |
| 38 | 123.61 | 121.64 | 35.11 | 32.99 | 71.99 | 69.86 | 206.27 | 191.75 |
| 39 | 131.03 | 127.38 | 32.25 | 30.94 | 87.08 | 84.82 | 210.17 | 201.71 |
| 40 | 77.62 | 74.67 | 28.93 | 28.21 | 35.53 | 35.32 | 143.08 | 144.38 |
| 41 | 106.50 | 102.59 | 31.76 | 30.02 | 59.53 | 58.72 | 177.12 | 168.83 |
| 42 | 350.89 | 351.15 | 33.56 | 34.33 | 287.98 | 283.24 | 419.52 | 426.28 |
| 43 | 100.92 | 100.09 | 15.10 | 15.02 | 84.22 | 83.89 | 142.93 | 140.24 |
| 44 | 217.75 | 215.65 | 48.14 | 45.16 | 135.74 | 137.02 | 320.91 | 316.02 |
| 45 | 124.13 | 122.51 | 34.88 | 32.57 | 85.01 | 84.75 | 212.08 | 202.14 |
| 46 | 45.42 | 44.63 | 28.60 | 26.11 | 11.78 | 10.91 | 126.17 | 109.41 |
| 47 | 104.36 | 103.38 | 48.35 | 49.20 | 33.34 | 29.86 | 231.21 | 219.40 |
| 48 | 68.35 | 67.36 | 37.20 | 38.21 | 17.65 | 16.94 | 158.43 | 173.20 |