Equal Rates Model over 100 Simulations

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trait | Ancestral State Recon Log Likelihood | AIC | Changes between states on avg | Changes between states on avg | | | Root likelihood  state | | Mean time spent in each state | | | |
| Bark | *-187.46* | *376.97* | *53.33* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *31.25* | *22.08* | *0.876* | *0.124* | *raw prop* | *10848.91 0.90* | *1250 0.10* | *12098.56 1.00* |
| Serotiny | *-125.55* | *253.11* | *25.65* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *14.72* | *10.93* | *0.979* | *0.021* | *raw prop* | *11462.65 0.95* | *635.1 0.05* | *12098.56 1.00* |
| Grass Stage | *-57.07* | *116.14* | *8.19* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *7.39* | *0.8* | *0.999* | *0.001* | *raw prop* | *12062.59 0.997* | *35.97 0.003* | *12098.56 1.00* |
| Resprout | *-140.19* | *282.38* | *31.2* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *26.66* | *4.54* | *0.966* | *0.033* | *raw prop* | *11790.51 0.97* | *308.05 0.03* | *12098.56 1.00* |

All Rates Different Model over 100 Simulations

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Trait | Ancestral State Recon Log Likelihood | AIC | Changes between states on avg | Changes between states on avg | | | Root likelihood  state | | Mean time spent in each state | | | |
| Bark | *-156.81* | *317.78* | *113.5* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *51.66* | *61.84* | *0.500* | *0.500* | *raw prop* | *10563.81 0.87* | *1534.76 0.13* | *12098.56 1.00* |
| Serotiny | *-100.92* | *205.84* | *150.15* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *19.93* | *30.22* | *0.500* | *0.500* | *raw prop* | *10938.70 0.90* | *1159.86 0.10* | *12098.56 1.00* |
| Grass Stage | *-39.22* | *82.45* | *892.54* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *42.47* | *50.07* | *0.500* | *0.500* | *raw prop* | *11959.31 0.99* | *139.25 0.01* | *12098.56 1.00* |
| Resprout | *-107.97* | *219.93* | *262.53* | *x>y* | *no, yes* | *no, yes* | *no* | *yes* |  | *no* | *yes* | *total* |
| *128.17* | *134.36* | *0.500* | *0.500* | *raw prop* | *11437.83 0.95* | *660.74 0.05* | *12098.56 1.00* |