|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Info** | **Transition scenarios** | **Node** | **Hinchliff and Roalson (2013)** | | | | | | **Spalink et al. (2016)** | | | | | |
|  |  |  | **Base Num** | **Base Num Dupl** | **Const Rate** | **Const Rate Demi** | **Const Rate Demi Est** | **Const Rate No Dupl** | **Base Num** | **Base Num Dupl** | **Const Rate** | **Const Rate Demi** | **Const Rate Demi Est** | **Const Rate No Dupl** |
| Complete tree | **Null** | No transition | 1510.83 | 1503.91 | 1499.91 | **1490.54** | **1489.68** | 1648.87 | 907.725 | 903.823 | 899.767 | **893.625** | **895.477** | 964.142 |
| Background Node 1 |  | 1BG | **874.05** | 878.96 | **874.98** | **875.56** | 878.39 | 908.07 | 541.905 | 539.900 | 535.920 | **532.147** | **533.556** | 543.686 |
| Node 1 |  | 1 | 623.86 | 613.35 | 610.96 | **602.78** | **601.65** | 638.70 | 360.629 | 361.143 | 360.030 | **356.154** | **357.493** | 380.763 |
| 1 + 1BG | **1** | SUM | 1475.69 | | | | | | 888.30 | | | | | |
| Background Node 2 |  | 2BG | 1043.39 | 1033.45 | 1030.38 | **1020.61** | **1020.16** | 1117.54 | 651.422 | 642.700 | **640.563** | **639.879** | **640.420** | 732.800 |
| Node 2 |  | 2 | **461.92** | 467.80 | 464.54 | 465.26 | 465.77 | 488.52 | 232.824 | 234.593 | **230.379** | **230.379** | 232.407 | **228.683** |
| 2 + 2BG | **2** | SUM | 1482.08 | | | | | | 868.56 | | | | | |
| Background Node 3 |  | 3BG | 1431.95 | 1422.12 | 1418.21 | **1411.49** | **1411.94** | 1532.09 | 839.218 | 832.924 | 828.933 | **822.238** | 824.620 | 874.760 |
| Node 3 |  | 3 | **65.69** | 67.69 | **66.21** | **64.56** | **65.87** | **65.93** | **68.454** | 72.041 | **68.508** | **68.265** | 70.291 | **69.699** |
| 3 + 3BG | **3** | SUM | 1476.05 | | | | | | 890.50 | | | | | |
| Background Node 4 |  | 4BG | 247.85 | 246.18 | **242.15** | **242.97** | 245.07 | 256.75 | **173.163** | **172.596** | **171.784** | **171.889** | **173.584** | 203.711 |
| Node 4 |  | 4 | 1259.07 | 1255.56 | 1251.56 | **1248.80** | **1247.99** | 1325.64 | 727.852 | 728.705 | 724.709 | **719.564** | **720.171** | 742.179 |
| 4 + 4BG | **4** | SUM | 1490.14 | | | | | | 891.35 | | | | | |
| Background 1 + 2 |  | 12BG | 415.63 | 418.41 | 415.56 | **413.06** | **414.33** | 415.13 | 289.538 | 289.138 | 289.270 | **283.817** | **282.938** | 317.807 |
| 1 + 2 + 12BG | **1,2** | SUM | 1476.63 | | | | | | 867.78 | | | | | |
| Background 1 - 3 |  | 1-3 | 543.40 | 535.51 | 529.71 | **526.19** | **527.34** | 553.34 | 288.382 | **284.223** | **285.295** | **284.488** | **285.971** | 306.846 |
| 3 + 1-3 + 1BG | **1,3** | SUM | 1464.80 | | | | | | 884.64 | | | | | |
| 4 - 1 |  | 4-1 | **628.27** | 630.28 | **630.08** | 630.76 | 632.09 | 653.48 | 359.638 | 361.417 | 357.533 | **355.696** | **355.520** | **355.653** |
| 1 + 4-1 + 4BG | **1,4** | SUM | 1472.07 | | | | | | 883.46 | | | | | |
| Background 2 + 3 |  | 23BG | 964.92 | 953.42 | 949.73 | **943.49** | **944.41** | 1012.49 | 578.124 | 568.485 | **564.333** | **564.426** | **565.219** | 645.091 |
| 2 + 3 + 23BG | **2,3** | SUM | 1469.97 | | | | | | **861.28** | | | | | |
| 4 - 2 |  | 4-2 | 794.19 | 788.14 | 786.84 | **779.14** | **779.56** | 814.32 | 477.589 | **470.274** | **471.548** | **470.251** | 486.541 | 513.650 |
| 2 + 4-2 + 4BG | **2,4** | SUM | 1483.22 | | | | | | 870.72 | | | | | |
| 4 - 3 |  | 4-3 | 1173.880 | 1172.740 | **1168.840** | **1168.650** | **1170.070** | 1226.420 | 651.145 | 658.356 | 654.365 | **649.022** | 649.438 | 662.700 |
| 3 + 4-3 + 4BG | **3,4** | SUM | **1475.37** | | | | | | 889.07 | | | | | |
| 2 + 3 + 1-3 + 12BG | **1,2,3** | SUM | 1465.74 | | | | | | 864.11 | | | | | |
| 4 - 2 - 1 |  | 4-2-1 | 170.912 | 173.026 | **168.882** | 168.992 | 170.893 | **166.885** | 119.504 | 118.265 | **114.263** | **115.104** | 116.264 | 125.803 |
| 1 + 2 + 4-2-1 + 4BG | **1,2,4** | SUM | **1472.60** | | | | | | 870.88 | | | | | |
| 1-3 + 3 + 4-1 + 4BG | **1,3,4** | SUM | **1461.18** | | | | | | 879.79 | | | | | |
| 4 - 2 - 3 |  | 4-2-3 | 710.80 | 709.18 | 705.40 | **702.64** | **702.23** | 723.49 | 400.855 | **395.161** | **396.550** | **396.520** | 405.842 | 436.318 |
| 2 + 3 + 4-2-3 + 4BG | **2,3,4** | SUM | **1470.86** | | | | | | 863.89 | | | | | |
| 2 + 3 + 1-3 + 4-2-1 + 4BG | **1,2,3,4** | 1234 | **1461.71** | | | | | | 867.22 | | | | | |