|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Non-transformed data** | | | | |  | **Log Data** | | |
| **Specie** | **Reef** | **Mean** | **DE** | **Mín** | **Max** | **P (95)** |  | **g1** | **g2** | **P normal** |
| ***AAGA*** | PA | 49.5 | 46.7 | 3.0 | 309.7 | 141.5 |  | -0.900 | -0.450 | 0.0715 |
|  | CH | 105.9 | 117.1 | 3.2 | 971.9 | 326.2 |  | -0.230 | -0.140 | 0.0613 |
|  | YU | 104.3 | 116.6 | 5.8 | 1019.7 | 309.3 |  | 0.003 | -0.330 | 0.1049 |
|  | CA | 68.1 | 76.8 | 2.3 | 824.3 | 201.9 |  | 0.010 | -0.150 | 0.0513 |
|  | FR | 62.1 | 71.9 | 3.9 | 726.4 | 191.9 |  | 0.180 | -0.150 | 0.1682 |
|  | CO | 85.8 | 98.3 | 2.3 | 1153.7 | 270.7 |  | 0.160 | -0.190 | 0.0657 |
| ***AHUM*** | PA | 37.0 | 33.1 | 3.5 | 193.1 | 114.2 |  | -0.060 | -0.530 | 0.498 |
|  | CH | 103.9 | 67.8 | 14.4 | 236.9 | 236.9 |  | -0.860 | -0.660 | 0.0187 |
|  | YU | 60.2 | 66.3 | 11.0 | 223.9 | 223.9 |  | 0.620 | -0.720 | 0.0795 |
|  | CA | 36.2 | 26.5 | 5.2 | 132.8 | 86.5 |  | -0.050 | -0.450 | 0.1196 |
|  | FR | 54.2 | 42.1 | 4.2 | 236.1 | 139.7 |  | -0.420 | 0.120 | 0.1948 |
|  | CO | 67.7 | 97.3 | 5.8 | 881.6 | 184.2 |  | 0.300 | 0.370 | 0.0975 |
| ***ATEN*** | PA | 195.6 | 277.6 | 36.5 | 1049.4 | 1049.4 |  | 0.850 | 0.430 | 0.0013 |
|  | CH | 572.1 | 848.6 | 35.1 | 2213.0 | 2213.0 |  | 0.490 | -1.290 | 0.0001 |
|  | YU | 182.7 | 131.1 | 7.0 | 413.6 | 393.9 |  | -1.190 | 1.120 | 0.0276 |
|  | CA | 591.4 | 975.0 | 7.8 | 3308.7 | 2915.9 |  | 0.220 | -0.650 | 0.2675 |
|  | FR | 175.5 | 340.9 | 1.9 | 2414.8 | 812.2 |  | 0.360 | -0.560 | 0.4996 |
|  | CO | 580.1 | 1440.7 | 1.3 | 17106.3 | 2704.6 |  | 0.420 | -0.520 | 0.2172 |
| ***EFAS*** | PA | 40.6 | 51.2 | 2.3 | 262.5 | 166.6 |  | 0.110 | -0.200 | 0.0948 |
|  | CH | 35.7 | 71.3 | 0.8 | 646.2 | 122.5 |  | 0.030 | -0.400 | 0.1398 |
|  | YU | 47.1 | 46.9 | 2.1 | 233.1 | 153.0 |  | -0.500 | -0.180 | 0.004 |
|  | CA | 59.5 | 74.0 | 1.7 | 403.0 | 169.4 |  | -0.100 | -0.840 | 0.1569 |
|  | FR | 50.1 | 60.1 | 2.1 | 451.3 | 180.0 |  | -0.090 | -0.740 | 0.5875 |
|  | CO | 39.3 | 46.8 | 1.1 | 243.0 | 154.7 |  | -0.240 | -0.970 | 0.379 |
| ***MCAV*** | PA | 153.6 | 185.4 | 7.4 | 1141.9 | 539.9 |  | -0.010 | -0.650 | 0.171 |
|  | CH | 203.3 | 305.1 | 7.4 | 1555.4 | 814.3 |  | 0.210 | -0.240 | 0.0599 |
|  | YU | 186.3 | 312.7 | 3.6 | 2248.4 | 625.8 |  | 0.160 | -0.420 | 0.5401 |
|  | CA | 254.0 | 528.1 | 5.1 | 4369.4 | 982.1 |  | 0.230 | -0.310 | 0.568 |
|  | FR | 234.2 | 292.2 | 11.0 | 1381.7 | 963.8 |  | 0.100 | -0.520 | 0.4157 |
|  | CO | 281.2 | 398.2 | 6.3 | 3176.3 | 997.0 |  | -0.020 | -0.400 | 0.3016 |
| ***MMEA*** | PA | 195.3 | 168.7 | 23.1 | 634.6 | 634.6 |  | -0.260 | -0.940 | 0.2233 |
|  | CH | 212.5 | 203.4 | 53.4 | 582.8 | 582.8 |  | 0.560 | -1.520 | 0.0033 |
|  | YU | 285.9 | 187.3 | 43.3 | 798.2 | 798.2 |  | -0.880 | 0.280 | 0.0014 |
|  | CA | 205.6 | 269.2 | 15.3 | 395.9 | 395.9 |  | -0.780 | 0.180 | 0.0001 |
|  | FR | 70.1 | 52.9 | 23.4 | 149.3 | 149.3 |  | 0.300 | -1.500 | 0.0001 |
|  | CO | 114.9 | 73.5 | 58.1 | 226.9 | 226.9 |  | 0.860 | -1.420 | 0.0008 |
| ***OANN*** | PA | 59.3 | 97.6 | 3.0 | 526.7 | 147.9 |  | 0.400 | 0.030 | 0.5663 |
|  | CH | 144.8 | 155.7 | 6.2 | 717.5 | 407.9 |  | -0.180 | -0.420 | 0.605 |
|  | YU | 209.9 | 681.0 | 3.5 | 3617.0 | 711.2 |  | 1.020 | 2.000 | 0.0015 |
|  | CA | 179.5 | 265.8 | 4.1 | 1854.7 | 654.6 |  | 0.040 | -0.250 | 0.0722 |
|  | FR | 169.9 | 303.2 | 2.0 | 3520.2 | 573.6 |  | 0.050 | 0.680 | 0.069 |
|  | CO | 194.1 | 562.7 | 2.2 | 11786.6 | 612.4 |  | 0.130 | 0.150 | 0.157 |
| ***PAST*** | PA | 37.3 | 31.4 | 2.2 | 247.5 | 103.3 |  | -0.120 | -0.420 | 0.0802 |
|  | CH | 73.8 | 64.8 | 5.5 | 400.8 | 186.1 |  | -0.190 | -0.190 | 0.1921 |
|  | YU | 74.1 | 63.3 | 4.0 | 603.3 | 180.2 |  | -0.450 | 0.360 | 0.0397 |
|  | CA | 75.1 | 81.1 | 5.3 | 737.4 | 181.8 |  | -0.010 | -0.310 | 0.096 |
|  | FR | 52.4 | 68.7 | 3.2 | 502.4 | 123.5 |  | 0.040 | 0.790 | 0.0094 |
|  | CO | 96.1 | 271.9 | 4.7 | 8478.4 | 236.6 |  | 0.080 | 0.580 | 0.0637 |
| ***PPOR*** | PA | 39.3 | 31.7 | 9.5 | 133.6 | 133.6 |  | 0.310 | -0.630 | 0.0561 |
|  | CH | 82.8 | 59.8 | 13.1 | 146.6 | 146.6 |  | -0.650 | -1.310 | 0.0001 |
|  | YU | 211.2 | 530.1 | 3.4 | 6901.7 | 861.1 |  | 0.420 | -0.040 | 0.1914 |
|  | CA | 93.6 | 154.6 | 3.3 | 913.9 | 432.1 |  | 0.490 | 0.020 | 0.0133 |
|  | FR | 168.4 | 656.5 | 1.8 | 13418.7 | 544.5 |  | 0.570 | 0.670 | 0.0206 |
|  | CO | 232.9 | 783.4 | 1.4 | 14378.0 | 758.8 |  | 0.430 | 0.260 | 0.0638 |
| ***PSTR*** | PA | 317.9 | 522.2 | 6.7 | 2135.0 | 1319.0 |  | 0.300 | -0.770 | 0.0251 |
|  | CH | 556.7 | 512.5 | 16.3 | 1185.7 | 1185.7 |  | -1.490 | -0.920 | 0.0001 |
|  | YU | 405.4 | 385.8 | 4.6 | 1048.0 | 1048.0 |  | -0.910 | -0.700 | 0.0187 |
|  | CA | 267.7 | 308.0 | 9.4 | 929.4 | 929.4 |  | -0.010 | -1.470 | 0.0788 |
|  | FR | 220.7 | 432.1 | 11.2 | 1737.4 | 1737.4 |  | 0.840 | -0.620 | 0.0723 |
|  | CO | 170.4 | 217.5 | 6.8 | 939.7 | 563.9 |  | -0.670 | -0.820 | 0.026 |
| ***SRAD*** | PA | 42.5 | 45.4 | 1.7 | 265.8 | 136.5 |  | -0.600 | -0.420 | 0.1581 |
|  | CH | 35.3 | 44.5 | 2.1 | 320.2 | 118.0 |  | 0.150 | -0.300 | 0.0739 |
|  | YU | 31.9 | 21.6 | 3.6 | 85.7 | 71.7 |  | -0.530 | -0.590 | 0.5073 |
|  | CA | 36.2 | 37.8 | 2.7 | 159.8 | 127.0 |  | -0.090 | -0.150 | 0.2228 |
|  | FR | 32.2 | 43.4 | 2.5 | 342.3 | 104.9 |  | 0.620 | 0.910 | 0.0197 |
|  | CO | 63.3 | 60.5 | 3.3 | 262.6 | 205.3 |  | -0.260 | -0.150 | 0.152 |
| ***SSID*** | PA | 85.9 | 144.9 | 0.6 | 1403.0 | 311.0 |  | 0.170 | 0.190 | 0.0669 |
|  | CH | 131.8 | 203.9 | 4.2 | 1572.6 | 489.8 |  | 0.230 | -0.450 | 0.6856 |
|  | YU | 133.0 | 216.2 | 3.3 | 1373.0 | 581.1 |  | 0.220 | -0.100 | 0.023 |
|  | CA | 150.1 | 217.4 | 2.4 | 1803.0 | 574.1 |  | 0.090 | -0.210 | 0.0849 |
|  | FR | 96.2 | 171.6 | 4.6 | 1342.1 | 391.2 |  | 0.740 | 0.380 | 0.0807 |
|  | CO | 178.2 | 253.2 | 3.1 | 1895.0 | 685.1 |  | -0.090 | 0.150 | 0.0835 |