|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SI Table 2. Variables with references | | | | | | | | | | |
| Taxon | Testes volume(g) | Body mass(g) | Ref | Diet | Ref | AC | Ref | FVS | MVS | Ref |
| *Avahi laniger* | 2.09 | 130.00 | [1] | Fol | [2-4] | N | [4] | D | D | [5] |
| *Cheirogaleus major* | 2.30 | 340.00 | [6] | Frug/Om | [7] | N | [8] | D | D | [9] |
| *Cheirogaleus medius* | 508.00 | 222.00 | [10] | Frug/Om | [11] | N | [8] | PD | M | [9] |
| *Eulemur macaco macaco* | 16.65 | 250.00 | [10, 12] | Frug | [13] | C | [14] | PT | D | [15] |
| *Eulemur mongoz* | 1334.00 | 1717.00 | [12] | Frug | [16] | C | [14] | D | D | [17] |
| *Galago moholi* | 317.00 | 203.00 | [10] | I/G | [18] | N | [8] | M | M | [19] |
| *Hapalemur griseus* | 992.00 | 1094.00 | [10] | Fol | [20] | D | [21] | D | D | [22] |
| *Lemur catta* | 8313.00 | 2908.00 | [12] | Frug | [23-26] | D | [27] | PT | D | [28] |
| *Loris tardigradus* | 1.80 | 27.00 | [12, 29] | I | [30] | N | [8] | M | M | [19] |
| *Microcebus murinus* | 2.49 | 7.00 | [10] | Frug/G | [31] | N | [8] | D | D | [19] |
| *Microcebus rufus* | 493.17 | 47.57 | [32] | Frug/I | [33] | N | [8] | D | D | [19] |
| *Mirza coquereli* | 3282.00 | 309.00 | [10] | Frug/Om | [34, 35] | N | [8] | D | D | [9, 36] |
| *Nycticebus coucang* | 1434.00 | 1243.00 | [10] | I/G | [37] | N | [8] | M | M | [19] |
| *Nycticebus pygmaeus* | 1931.00 | 450.00 | [10] | I/G | [38] | N | [4] | M | M | [19] |
| *Otolemur crassicaudatus* | 1715.00 | 1627.00 | [12] | I/G | [39] | N | [8] | M | M | [19] |
| *Otolemur garnettii* | 2637.00 | 1186.00 | [12] | Frug | [40] | N | [41] | M | M | [19] |
| *Perodicticus potto* | 3004.00 | 924.00 | [10] | I/G | [42] | N | [8] | M | M | [19] |
| *Phaner furcifer* | 399.00 | 320.00 | [43] | G | [44] | N | [8] | M | M | [9] |
| *Varecia variegata variegata* | 17.17 | 475.00 | [12] | Frug | [45] | D | [46] | PT | D | [22] |
| *Alouatta caraya* | 16.70 | 640.00 | [47, 48] | Fol | [49, 50] | D | [51] | RT | RT | [52-54] |
| *Leontopithecus rosalia* | 1.48 | 55.00 | [6, 29] | Frug/Om | [55] | D | [56] | PT | D | [52] |
| *Pithecia pithecia* | 0.92 | 160.00 | [6, 12] | Frug/Scler | [57-59] | D | [60] | PT | D | [52] |
| *Callithrix pygmaea* | 0.33 | 13.00 | [6, 12] | G/I | [61] | D | [62] | PT | D | [63] |
| *Callithrix jacchus* | 1.30 | 32.00 | [6, 12] | G/I | [64] | D | [65] | PT | D | [63] |
| *Cacajao calvus* | 5.80 | 345.00 | [6, 12] | Frug/Scler | [66, 67] | D | [68] | PT | D | [69] |
| *Aotus trivirgatus* | 1.20 | 102.00 | [6, 12, 29] | Om | [70, 71] | N | [72] | M | M | [73, 74] |
| *Saimiri sciureus* | 3.20 | 78.00 | [6, 29] | Om | [58, 75, 76] | D | [77] | PT | D | [78] |
| *Alouatta palliata* | 22.70 | 5800.00 | [48] | Fol | [79] | D |  | RT | RT | [80] |
| *Alouatta seniculus* | 3.50 | 670.00 | [48] | Fol | [58, 75, 81, 82] | D | [51] | RT | RT | [52-54] |
| *Ateles geoffroyi* | 13.40 | 794.00 | [12, 29] | Frug | [75, 83-86] | D | [83, 87] | PT | D | [88] |
| *Saguinus oedipus* | 3.40 | 52.00 | [6, 29] | Frug/G | [89] | D | [77] | PT | D | [52] |
| *Cebus apella* | 4.64 | 300.00 | [6, 12] | Om | [58, 90, 91] | D | [92] | PT | D | [52] |

**Diet**: Fol = folivory, Frug = frugivory, Om = omnivory, I = insectivory, Scler = sclerocarp forager; **AC** = Activity Cycle: D = diurnal, C = cathermeral, N = nocturnal; **MVS** = Male Visual System: M = monochromat, D = dichromat, RT = routine trichromat; **FVS** = Female Visual System: M = monochromat, D = dichromat, PD = polymorphic dichromat, PT = polymorphic trichromat, RT = routine trichromat.

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