Table S1. Number of studies and sampling points per Brazilian biome for each animal group studied used for each of maps (Figures 3, 4, 6 and 7). For general papers for small mammals, seven studies were conducted in more than one biome, containing 34 sampling points overall, and were not included in this table.

|  |  |  |  |
| --- | --- | --- | --- |
| **Map (Figure)** | **Biome** | **Number of studies** | **Number of sampling points or coordinates (mean per study)** |
| General papers for small mammals (Figure 3) | Amazon |  85 |  279(3.28) |
| Atlantic Forest | 241 |  523(2.17) |
| Caatinga |  12 |  34(2.83) |
| Cerrado |  96 |  194(2.02) |
| Pampa |  4 |  3(0.75) |
| Pantanal |  13 |  16(1.23) |
| **Total** | 451 | 1049(2.33) |
| General papers for antbirds (Figure 4)  | Amazon |  38 |  52(1.37) |
| Atlantic Forest |  56 | 155(2.77) |
| Caatinga |  6 |  8(1.33) |
| Cerrado |  5 |  9(1.80) |
| Pampa |  5 |  0(0.00) |
| Pantanal |  5 |  4(0.80) |
| **Total** | 115 | 228(1.98) |
| Fragmentation papers for small mammals (Figure 6) | Amazon |  8 |  8(1.00) |
| Atlantic Forest | 30 | 26(0.87) |
| Caatinga |  0 |  0(0.00) |
| Cerrado |  4 |  4(1.00) |
| Pampa |  0 |  0(0.00) |
| Pantanal |  1 |  1(1.00) |
| **Total** | 43 | 39(0.91) |
| Fragmentation papers for antbirds (Figure 7) | Amazon | 14 | 13(0.93) |
| Atlantic Forest | 38 | 34(0.89) |
| Caatinga |  1 |  1(1.00) |
| Cerrado |  2 |  2(1.00) |
| Pampa |  0 |  0(0.00) |
| Pantanal |  0 |  0(0.00) |
| **Total** | 55 | 50(0.91) |