Table S4. Cross-tabulated areas calculated using ArcGIS 10.1 Spatial Analyst Zonal tool between the four probability of *Puma concolor* presence classes (i.e. low (values ≤ 0.17), medium (0.17 ≤ values ≤ 0.31), medium-high (0.31 ≤ values ≤ 0.50 and high (values > 0.50) habitat suitability and full protected areas (FPA), 10 km buffer zone from full protected areas (10KM), sustainable use areas (Áreas de Proteção Ambiental - APA) and Non-Protected Areas (NPA).

|  |  |
| --- | --- |
|  |  Puma’s habitat suitability area (km2) |
| Land use | Low | Medium | Medium-high | High |
| FPA | 2303.15 (3%) | 1532.44 (2%) | 1834.62 (3%) | 3189.44 (24%) |
| 10KM | 10759.15 (16%) | 9676.24 (8%) | 7220.86 (12%) | 4388.63 (33%) |
| APA | 6477.50 (10%) | 7669.96 (7%) | 3802.13 (6%) | 932.30 (7%) |
| NPA | 45352.57 (71%) | 93902.40 (83%) | 43881.05 (79%) | 4726.51 (36%) |
| Total in São Paulo | 64892.37 (100%) | 112781.04 (100%) | 56738.66 (100%) | 13236.88 (100%) |