

Table S2. Descriptive statistics of funding deficits, area size, age, population density, and GDP per capita across Brazilian federal protected areas by region and management group, 2023.

region		Funding Deficit (%)	Size (km ²)	Age	Population Density (inhabitants/km ²)	GDP per capita (1,000 BRL\$)
All Protected Areas (n=300)	Mean	53.0	2,499.6	30.2	106.9	34.0
	SD	41.1	4,767.4	14.1	420.5	29.9
	Min	0.0	0.7	9.0	0.2	8.0
	Max	100.0	38,651.9	86.0	5,527.2	318.8
By regions						
Amazon (n=122)	Mean	79.2	4,972.6	26.3	9.4	22.6
	SD	22.6	6,322.6	10.5	19.3	19.2
	Min	0.0	25.7	9.0	0.2	8.1
	Max	100.0	38651.9	62.0	131.4	147.4
Savannas & Drylands (n=74)	Mean	45.5	1,390.7	31.5	60.5	40.8
	SD	41.5	2,670.1	14.5	117.8	31.2
	Min	0.0	1.5	9.0	0.8	8.0
	Max	100.0	16,284.5	77.0	528.2	125.5
Atlantic Forest (n=104)	Mean	27.6	387.6	33.8	254.3	42.7
	SD	39.7	1,154.3	16.4	684.4	34.7
	Min	0.0	0.7	9.0	2.6	10.3
	Max	100.0	10,051.9	86.0	5,527.2	318.8
By management groups						
Full Protection (n=134)	Mean	46.0	2,733.5	33.3	101.3	36.9
	SD	41.2	5,821.3	16.1	493.5	33.5
	Min	0.0	2.8	9.0	0.2	8.7
	Max	100.0	38,651.9	86.0	5,527.2	318.8
Sustainable Use (n=166)	Mean	58.6	2,310.7	27.7	111.5	31.8
	SD	40.3	3,713.6	11.7	352.3	26.6
	Min	0.0	0.7	9.0	0.2	8.0
	Max	100.0	20,403.3	77.0	3,785.9	147.4