

Supplementary Material

Table S1: Land cover and use types definitions

Land Cover and Use Types	Definition
Agriculture	Areas of agricultural cultivation, especially vegetable gardens
Bare Soil	Soil without plant cover
Forest Advanced-Intermediate Stage of Regeneration	Forests in more advanced or middle stages of regeneration with taller or more developed trees
Forest Initial Stage of Regeneration	Younger forests in the early stages of regeneration with smaller trees and development
Herbaceous-shrubby vegetation	Vegetation with predominance of grasses and/or shrubs, including lawns and spontaneous vegetation
Impermeable Surfaces	Surfaces composed by asphalt, cement and/or constructions resistant to water penetration
Pasture	Grasslands interrupted by sparse trees
Savanna	Vegetation composed of spaced trees, shrubs and native grasses
Tree Clumps	Groupings of trees of various species, including native and exotic (such as a tree yard)
Water	Small ponds or pools
Commercial Industrial	Industrial units and support infrastructure
Commercial Institutional	Areas composed of schools, clubs, sports courts, squares, power lines, airports
Commercial Parking	Parking places with presence of several vehicles
Commercial Sheds	Sheds for various purposes, including warehouses
Commercial Sheds Parking	Sheds associated with parking areas
Housing Building	Residences composed of buildings
Housing Courtyard	Patios and yards covered by asphalt, cement or exposed soil
Housing House	Residences composed of houses
Pavement Asphalt	Surfaces covered by asphalt of unknown use

Table S2: Average weight given by experts for the ecological functions of the various land cover that comprised: A (habitat provisioning); B (biodiversity conservation); C (water infiltration and storage); D (microclimate regulation); E (air purification and filtration); F (carbon sequestration and storage); G (soil conservation). Values ranged from 0 to 4 meaning: 0 (no importance or contribution to the ecological function considered); 1 (low importance or contribution to the ecological function considered); 2 (medium importance or contribution to the ecological function considered); 3 (high importance or contribution to the ecological function considered); 4 (very high importance or contribution to the ecological function considered).

Land Cover	A	B	C	D	E	F	G
Forest Advanced-Intermediate Stage	4	4	4	4	4	4	4
Forest Initial Stage	3	3	4	4	3	3	4
Savanna	3	3	3	3	3	3	3
Tree Clumps	3	3	3	3	3	3	3
Herbaceous-Shrubby Vegetation	2	2	3	2	2	2	3
Pasture	2	2	2	2	2	2	2
Agriculture	2	2	2	2	2	2	2
Bare Soil	1	1	1	0	0	1	1
Water	1	1	2	2	1	1	1
Impermeable Surfaces	0	0	0	0	0	0	0

Table S3: Minimum, median, and maximum lots size by each class of vegetation quality and administrative unit (N=2,828)

Vegetation Quality and Administrative Units	Minimum Size (m2)	Median Size (m2)	Maximum Size (m2)
Low Vegetation Quality	37	510	92,323
Moderate Vegetation Quality	36	409	383,375
High Vegetation Quality	98	403	246,634
Very High Vegetation Quality	64	374	8,874
No Vegetation Permeable	36	366	34,280
No Vegetation Impermeable	36	373	9,517
Barreiro	68	380	383,375
East	36	413	89,422
North	129	374	246,634
Northeast	36	331	158,748
Northwest	36	456	74,682
Pampulha	36	403	20,807
South Center	150	443	32,411
West	37	473	92,323
Venda Nova	54	367	46,335

Table S4: Distribution of vegetation quality classes between used and unused, public and private lots

Vegetation Quality Classes	Used Public	Used Private	Unused Public	Unused Private	Total Public	Total Private	Overall Total
Low Vegetation Quality	55	404	10	177	65	581	646
Moderate Vegetation Quality	11	156	36	821	47	977	1024
High Vegetation Quality	1	33	3	91	4	124	128
Very High Vegetation Quality	0	6	8	102	8	108	116
No Vegetation Permeable	10	99	11	199	21	298	319
No Vegetation Impermeable	36	559	0	0	36	559	595

Table S5: Descriptive statistics of the land cover clusters

Clusters	Tree Clumps	Herbaceous-Shrubby Vegetation	Forest Advanced-Intermediate Stage	Forest Initial Stage	Savanna	Pasture	Agriculture	Water	Bare Soil	Impermeable Surfaces
1	4.08	3.95	0.22	0.13	0.10	0.00	0.00	0.21	2.42	88.88
Mean										
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Range	40.00	45.00	50.00	40.00	50.00	0.00	0.00	55.00	45.00	60.00
Standard Deviation	8.47	9.23	2.99	1.90	2.00	0.00	0.00	2.13	7.46	15.71
% of total Sum	14.70	4.90	7.40	4.00	14.20	0.00	0.00	69.30	4.80	92.20
2	4.19	4.65	0.00	0.16	0.00	0.02	0.00	0.00	85.88	5.10
Mean										
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	95.00	0.00
Range	40.00	45.00	0.00	40.00	0.00	10.00	0.00	0.00	60.00	50.00
Standard Deviation	8.80	10.19	0.00	2.17	0.00	0.46	0.00	0.00	16.51	12.28
% of total Sum	6.60	2.50	0.00	2.10	0.00	3.20	0.00	0.00	74.30	2.30

[illegible]