

Supplementary Table S2. landscape metric values for each park

Park	LPI (%)	PD (n/100 ha)	LSI	SHEI	AI (%)
Yaowangshan Park	18.4	48.2	7.32	0.63	85.7
Heba Forest Park	38.7	53.6	5.15	0.58	79.3
Gesang Flower Park	23.1	38.9	5.84	0.64	80.5
Riverside Park	32.6	32.4	6.21	0.72	68.2
Chong Kok Luk Kang Park	21.9	38.7	6.85	0.69	86.4
Nanshan Park	47.3	22.1	7.68	0.48	89.2
Chinese Culture Park	21.5	34.8	4.43	0.63	83.8
Lalu Wetland NNR	68.7	22.3	4.52	0.45	92.1

Note: *LPI = Largest Patch Index; PD = Patch Density; LSI = Landscape Shape Index; SHEI = Shannon's Evenness Index; AI = Aggregation Index. All metrics were calculated at the landscape level using Fragstats 4.2, based on six land cover classes (vegetation, water, roads, buildings, plazas, other land). Higher LPI and AI values generally indicate greater dominance and clustering of the largest or similar patches; higher PD and LSI indicate greater fragmentation and shape complexity. NNR = National Nature Reserve.*