

Supplementary Materials

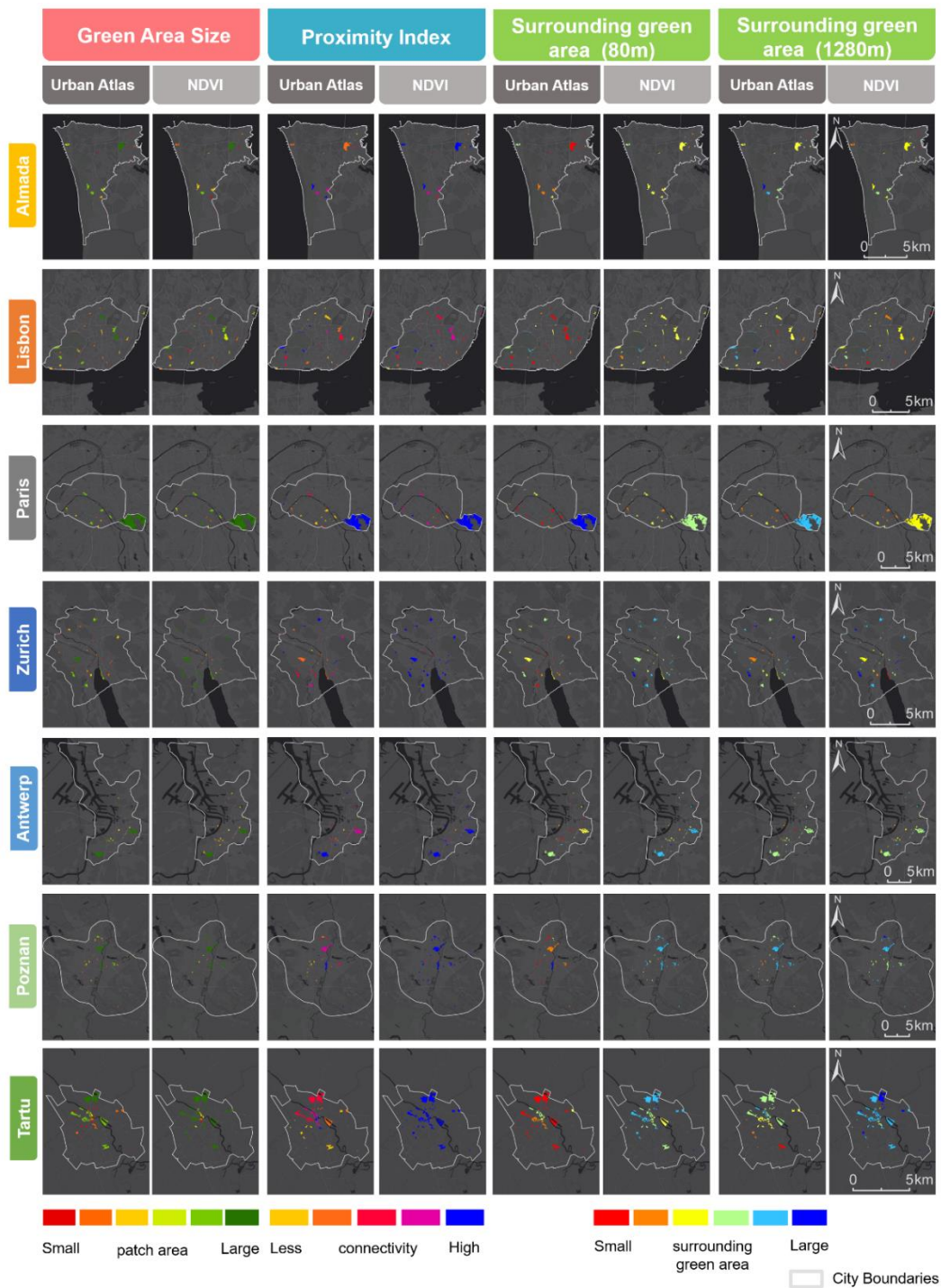


Figure S1. Spatial distribution of all urban landscape metrics using land cover classification (the Urban Atlas) and spectral data (NDVI). Note that the spatial scale is different in cities.

Airports	-	-	-	310	3.57	0.10	9	0.08	0.46	-	-	-	54	0.24	0.61	274	1.07	0.50	0	0.00	0.77	661	0.20
Mineral extraction and dump sites	20	0.29	0.22	11	0.12	0.29	5	0.05	0.23	6	0.06	0.25	83	0.37	0.46	62	0.24	0.49	23	0.59	0.55	191	0.34
Construction sites	47	0.67	0.30	49	0.56	0.29	52	0.49	0.11	57	0.62	0.30	32	0.14	0.41	117	0.45	0.40	69	1.79	0.50	433	0.35
Land without current use	107	1.53	0.38	90	1.03	0.35	6	0.06	0.36	30	0.32	0.59	86	0.38	0.62	287	1.12	0.63	23	0.59	0.63	634	0.51
Green urban areas *	467	6.67	0.57	642	7.39	0.53	1706	16.26	0.68	448	4.87	0.72	804	3.59	0.83	1918	7.48	0.79	249	6.41	0.79	6229	0.62
Sports and leisure facilities	261	3.73	0.46	332	3.83	0.30	607	5.79	0.47	412	4.47	0.58	342	1.53	0.58	1174	4.58	0.68	82	2.11	0.70	3207	0.47
Arable land (annual crops)	466	6.65	0.39	122	1.41	0.33	-	-	-	351	3.81	0.59	1282	5.72	0.62	4071	15.88	0.50	84	2.17	0.72	6344	0.55
Permanent crops (vineyards, fruit trees, olive groves)	40	0.57	0.40	19	0.22	0.32	-	-	-	80	0.87	0.68	-	-	-	-	-	-	-	-	-	140	0.56
Pastures	443	6.34	0.40	172	1.98	0.33	-	-	-	421	4.58	0.71	1256	5.60	0.75	3132	12.22	0.70	628	16.19	0.74	6040	0.62
Forests *	867	12.38	0.67	663	7.63	0.74	-	-	-	2133	23.19	0.91	883	3.94	0.87	2859	11.16	0.88	218	5.61	0.89	7551	0.76
Herbaceous vegetation associations	546	7.80	0.46	100	1.16	0.39	-	-	-	55	0.60	0.69	31	0.14	0.55	-	-	-	35	0.91	0.69	806	0.50
Open spaces with little or no vegetation	37	0.53	0.08	-	-	-	-	-	-	-	-	-	2	0.01	0.32	-	-	-	1	0.03	0.35	42	0.22

Wetlands	1	0.01	0.71	2	0.03	0.01	-	-	-	6	0.07	0.75	24	0.11	0.65	-	-	-	44	1.13	0.71	78	0.62
Water	13	0.19	-0.11	37	0.43	-0.23	249	2.37	-0.33	136	1.48	0.04	4084	18.22	-0.52	539	2.10	0.01	75	1.93	0.13	5561	0.11
Other roads and associated land	640	9.14	0.23	1195	13.76	0.20	1484	14.14	0.15	597	6.49	0.33	1287	5.74	0.29	1225	4.78	0.41	285	7.35	0.46	6692	0.31
Fast transit roads and associated land	58	0.83	0.19	74	0.85	0.27	11	0.10	0.27	71	0.77	0.20	454	2.02	0.48	110	0.43	0.45	-	-	-	769	0.29
Railways and associated land	23	0.33	0.19	102	1.18	0.09	258	2.46	0.06	199	2.17	0.17	955	4.26	0.22	373	1.45	0.49	38	0.99	0.47	1950	0.25

Table S2. Earth observation data used to determine urban green areas in European cities involved.

City	Sensor	Resolution	Date	Cloud Coverage	Coordinate System
Almada	Sentinel 2A	10 m	14/07/2017 11:30:33	0.2754 %	WGS 1984 – UTM 29N
Lisbon			14/07/2017 11:21:14	0.0000 %	WGS 1984 – UTM 29N
Paris			27/08/2017 11:04:48	5.8191 %	WGS 1984 – UTM 31N
Zürich			06/07/2017 10:23:01	6.5441 %	WGS 1984 – UTM 32N
Antwerp			26/05/2017 10:55:18	0.0000 %	WGS 1984 – UTM 31N
Poznan			30/07/2017 10:05:35	0.0000 %	WGS 1984 – UTM 33N
Tartu			30/08/2017 09:33:31	0.1469 %	WGS 1984 – UTM 35N