

Supplementary Materials

Table S1. Correlation coefficient between influencing factors and urban green space types, ecosystem services at the municipal scale0. *, $p < 0.05$; **, $p < 0.010$.

	COVID-19	Accessibility	Reachability	Income	Season	Weather	Age	Physical Condition	Sufficient Time	Staying with Your Child
Park green space	-0.012	-0.045	-0.153 *	-0.146 *	-0.104	-0.029	-0.172 **	-0.068	-0.040	-0.076
Plaza green space	-0.006	0.022	-0.042	0.021	-0.083	-0.036	-0.024	0.067	0.092	0.110
Attached green space	0.031	-0.016	-0.039	-0.148 *	-0.111	0.063	-0.319 **	-0.121 *	0.073	-0.125 *
Attached green space	-0.164 **	-0.071	-0.156 **	0.071	-0.011	-0.079	0.190 **	0.085	0.027	0.137 *
Climate regulation	-0.145 *	-0.042	-0.069	0.023	-0.003	-0.045	0.151 *	0.123 *	0.014	0.041
Noise pollution reduction	-0.100	0.012	-0.023	-0.011	-0.041	-0.053	0.129 *	0.081	0.024	0.029
Biodiversity conservation	-0.124 *	0.005	-0.032	-0.017	-0.037	-0.044	0.097	0.093	0.054	0.016
Obtaining flora and fauna	-0.126 *	-0.078	-0.066	-0.260 **	-0.198 **	0.069	-0.293 **	-0.151 *	0.084	-0.207 **
Beautifying the city	-0.129 *	-0.006	-0.031	-0.004	0.002	-0.068	0.175 **	0.082	-0.014	0.009
Natural disaster mitigation	-0.078	0.023	0.002	0.003	-0.049	-0.026	0.124 *	0.054	0.072	0.027
Outdoor recreation	-0.078	0.059	-0.003	0.038	-0.002	-0.068	0.199 **	0.085	-0.052	0.047
Exercise	-0.131 *	0.060	-0.006	-0.016	-0.024	-0.028	0.142 *	0.079	-0.008	0.020
Physical and mental relaxation	-0.103	0.055	-0.022	0.013	0.019	-0.056	0.181 **	0.067	-0.048	0.015
Spending time with family	-0.072	0.073	-0.001	0.012	-0.030	-0.059	0.181 **	0.069	0.020	0.054
Walking the dog	-0.132 *	-0.036	-0.084	-0.161 **	-0.114	-0.004	-0.116	-0.102	0.010	-0.072
Social gathering	-0.088	0.012	-0.059	-0.063	-0.063	-0.016	0.051	-0.002	0.017	-0.022
Natural education	-0.128 *	0.032	-0.071	-0.031	-0.071	-0.085	0.061	0.003	0.015	0.010
Aesthetic appreciation	-0.095	0.056	-0.025	-0.038	-0.047	-0.039	0.098	0.027	0.029	-0.015

Table S2. Correlation coefficient between influencing factors and urban green space types, ecosystem services at the provincial scale0. *, $p < 0.05$; **, $p < 0.010$.

	COVID-19	Accessibility	Reachability	Income	Season	Weather	Age	Physical Condition	Sufficient Time	Staying with Your Child
Park green space	-0.030	0.077	-0.171	0.020	0.173	-0.076	0.378 *	0.226	-0.052	0.357 *
Plaza green space	-0.152	-0.057	-0.315	-0.106	0.115	-0.302	0.369 *	0.146	-0.225	0.312
Attached green space	-0.231	-0.298	0.126	-0.491 **	-0.377 *	0.161	-0.394 *	-0.234	0.126	-0.224
Attached green space	-0.205	-0.045	-0.305	0.290	0.168	-0.492 **	0.589 **	0.253	-0.467 **	0.427 *
Climate regulation	0.663 **	0.231	0.421 *	-0.376 *	-0.059	0.535 **	-0.496 **	-0.018	0.538 **	-0.325
Noise pollution reduction	0.550 **	0.105	0.365 *	-0.306	-0.095	0.527 **	-0.597 **	-0.204	0.535 **	-0.373 *
Biodiversity conservation	0.683 **	0.234	0.356 *	-0.272	0.025	0.477 **	-0.447 *	-0.051	0.434 *	-0.369 *
Obtaining flora and fauna	0.169	0.260	-0.354	0.427 *	0.468 **	-0.351	0.644 **	0.472 **	-0.396 *	0.497 **
Beautifying the city	0.584 **	0.143	0.360 *	-0.340	-0.134	0.529 **	-0.596 **	-0.179	0.490 **	-0.410 *
Natural disaster mitigation	0.725 **	0.224	0.278	-0.160	0.071	0.366 *	-0.329	-0.029	0.357 *	-0.261
Outdoor recreation	0.570 **	0.200	0.450 *	-0.347	-0.073	0.598 **	-0.539 **	-0.095	0.620 **	-0.333
Exercise	0.613 **	0.123	0.393 *	-0.385 *	-0.163	0.458 **	-0.592 **	-0.156	0.471 **	-0.435 *
Physical and mental relaxation	0.537 **	0.151	0.480 **	-0.435 *	-0.230	0.538 **	-0.642 **	-0.180	0.543 **	-0.395 *
Spending time with family	0.587 **	0.189	0.471 **	-0.346	-0.080	0.551 **	-0.582 **	-0.125	0.515 **	-0.412 *
Walking the dog	0.614 **	0.344	0.181	0.246	0.360 *	0.212	0.225	0.322	0.346	0.062
Social gathering	0.602 **	0.235	0.271	-0.010	0.115	0.344	-0.309	-0.022	0.286	-0.267
Natural education	0.690 **	0.216	0.371 *	-0.279	-0.018	0.432 *	-0.419 *	0.004	0.434 *	-0.294
Aesthetic appreciation	0.578 **	0.215	0.519 **	-0.341	-0.096	0.574 **	-0.600 **	-0.104	0.521 **	-0.426 *

Table S3. Correlation coefficient between influencing factors and urban green space types, ecosystem services at the national scale0. *, $p < 0.05$; **, $p < 0.010$.

	COVID-19	Accessibil- ity	Reachability	Income	Season	Weather	Age	Physical Condition	Sufficient Time	Staying with Your Child
Park green space	-0.036 *	-0.028	-0.035	-0.022	0.008	-0.007	0.010	-0.021	-0.027	0.038 *
Plaza green space	-0.049 **	-0.016	-0.038 *	0.028	0.020	-0.030	0.046 *	-0.004	-0.031	0.061 **
Attached green space	0.021	-0.008	-0.006	-0.085 **	0.020	0.068 **	-0.082 **	-0.018	0.039 *	-0.013
Attached green space	-0.086 **	-0.032	-0.099 **	0.077 **	0.027	-0.082 **	0.134 **	0.023	-0.083 **	0.110 **
Climate regulation	0.320 **	0.242 **	0.322 **	0.157 **	0.258 **	0.344 **	0.095 **	0.205 **	0.329 **	0.133 **
Noise pollution reduction	0.316 **	0.231 **	0.287 **	0.167 **	0.237 **	0.312 **	0.077 **	0.180 **	0.302 **	0.125 **
Biodiversity conservation	0.311 **	0.232 **	0.294 **	0.167 **	0.257 **	0.334 **	0.098 **	0.188 **	0.299 **	0.141 **
Obtaining flora and fauna	0.161 **	0.216 **	0.173 **	0.290 **	0.256 **	0.153 **	0.331 **	0.261 **	0.138 **	0.279 **
Beautifying the city	0.323 **	0.237 **	0.298 **	0.132 **	0.249 **	0.349 **	0.074 **	0.188 **	0.327 **	0.125 **
Natural disaster mitigation	0.292 **	0.185 **	0.252 **	0.178 **	0.234 **	0.267 **	0.104 **	0.174 **	0.253 **	0.130 **
Outdoor recreation	0.314 **	0.228 **	0.300 **	0.127 **	0.256 **	0.346 **	0.059 **	0.182 **	0.329 **	0.127 **
Exercise	0.298 **	0.228 **	0.289 **	0.126 **	0.242 **	0.342 **	0.078 **	0.178 **	0.314 **	0.134 **
Physical and mental relaxation	0.303 **	0.216 **	0.299 **	0.105 **	0.226 **	0.330 **	0.028	0.160 **	0.335 **	0.109 **
Spending time with family	0.308 **	0.229 **	0.302 **	0.150 **	0.258 **	0.345 **	0.074 **	0.180 **	0.303 **	0.158 **
Walking the dog	0.243 **	0.248 **	0.283 **	0.234 **	0.275 **	0.271 **	0.227 **	0.264 **	0.269 **	0.187 **
Social gathering	0.286 **	0.260 **	0.276 **	0.213 **	0.278 **	0.298 **	0.179 **	0.238 **	0.286 **	0.188 **
Natural education	0.324 **	0.248 **	0.304 **	0.186 **	0.279 **	0.346 **	0.140 **	0.223 **	0.317 **	0.188 **
Aesthetic appreciation	0.301 **	0.233 **	0.289 **	0.169 **	0.258 **	0.331 **	0.100 **	0.206 **	0.323 **	0.152 **