

Table S1. Distance to parks for subgroups

<i>SRH_i</i> (Subgroups)	Model 7 Old	Model 8 Middle-aged	Model 9 Youth	Model 10 Male	Model 11 Female	Model 12 High-income	Model 13 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.021** (0.010)	-0.030** (0.015)	-0.028*** (0.007)	-0.025*** (0.004)	-0.023*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.035 (0.146)	-0.147 (0.162)	0.070 (0.067)			0.116 (0.087)	-0.150 (0.110)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.302 (0.459)	-0.661*** (0.249)	-0.000 (0.144)	-0.317** (0.159)	0.046 (0.183)	-0.100 (0.187)	-0.671** (0.292)
Divorced	0.393 (0.550)	-0.902** (0.367)	-0.082 (0.302)	-0.069 (0.258)	-0.223 (0.360)	0.109 (0.384)	-1.145*** (0.356)
Widowed	-0.228 (0.469)	0.127 (0.376)	-0.715* (0.370)	-0.315 (0.339)	0.188 (0.252)	-0.211 (0.325)	-0.689* (0.368)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.971 (0.595)	0.865** (0.351)	0.156 (0.136)	0.534*** (0.161)	-0.011 (0.178)	0.314* (0.190)	0.348 (0.292)
No answer about children	1.157 (0.806)	1.105* (0.665)	0.119 (0.237)	0.783** (0.326)	0.372 (0.361)	-0.300 (0.344)	1.047*** (0.402)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.241 (0.188)	0.357 (0.247)	0.219 (0.139)	-0.015 (0.180)	0.298*** (0.115)		0.311*** (0.106)
30,000 < Income ≤ 50,000	0.145 (0.215)	0.573** (0.272)	0.103 (0.143)	0.138 (0.163)	0.001 (0.139)		
50,000 < Income ≤ 100,000	0.385 (0.273)	0.820*** (0.307)	-0.019 (0.140)	0.086 (0.170)	0.068 (0.149)	0.044 (0.087)	
No answer about income	0.087 (0.189)	0.544** (0.255)	0.084 (0.138)	0.043 (0.170)	0.235* (0.129)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.121 (0.197)	-0.422** (0.183)	0.002 (0.075)	-0.130 (0.103)	-0.019 (0.099)	-0.311*** (0.110)	0.030 (0.119)
Residence is unclear		0.409 (0.394)	-0.543 (0.613)	-0.692 (0.639)	0.161 (0.302)	-0.130 (0.455)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.029	0.134	0.589	-0.029	0.116	0.155	0.160

	(0.177)	(0.490)	(0.421)	(0.226)	(0.185)	(0.265)	(0.175)
Senior high school	-0.110 (0.233)	0.162 (0.501)	0.424 (0.421)	0.052 (0.228)	-0.072 (0.207)	0.268 (0.266)	0.022 (0.201)
Junior college or above	-0.186 (0.315)	0.074 (0.504)	0.477 (0.423)	0.036 (0.238)	0.022 (0.230)	0.431 (0.270)	0.001 (0.237)
No answer about education level	1.889*** (0.424)	1.381* (0.785)	0.169 (0.499)	0.311 (0.502)	1.731*** (0.348)	0.175 (0.479)	1.462*** (0.414)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.078 (0.146)	0.443** (0.176)	0.051 (0.082)	-0.009 (0.107)	0.048 (0.089)	-0.039 (0.119)	0.071 (0.106)
No answer about house property		0.091 (0.314)	-0.377 (0.250)	-0.468 (0.313)	0.003 (0.347)	0.014 (0.673)	-0.189 (0.531)
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.202 (0.190)	0.268 (0.164)	0.158 (0.105)	0.162 (0.117)	0.156 (0.116)	0.154 (0.135)	0.086 (0.148)
90 < Housing area ≤ 110	0.177 (0.228)	0.060 (0.215)	0.206 (0.128)	0.137 (0.142)	0.187 (0.139)	0.168 (0.148)	0.009 (0.170)
Housing area > 110	0.487** (0.220)	0.094 (0.241)	0.198* (0.115)	0.152 (0.153)	0.251* (0.135)	0.148 (0.164)	0.071 (0.173)
No answer about housing area	0.177 (0.283)	0.113 (0.266)	0.090 (0.148)	0.155 (0.183)	0.168 (0.165)	-0.417* (0.217)	-0.041 (0.230)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.296* (0.156)	-0.154 (0.160)	-0.053 (0.072)	-0.051 (0.090)	0.086 (0.094)	-0.013 (0.109)	0.086 (0.109)
No answer about car ownership	-1.877*** (0.422)	0.829* (0.470)	-0.064 (0.329)	-0.589 (0.832)	0.217 (0.340)	-1.085** (0.420)	-0.049 (0.941)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.372 (0.227)	0.351* (0.193)	0.094 (0.098)	0.141 (0.116)	0.320*** (0.123)	0.114 (0.122)	0.328** (0.140)
Exercise several times a month	0.951*** (0.305)	-0.208 (0.307)	0.090 (0.111)	0.157 (0.148)	0.226 (0.140)	-0.073 (0.157)	0.356* (0.187)
Exercise several times a week	0.514** (0.213)	-0.138 (0.226)	0.195** (0.095)	-0.012 (0.131)	0.368*** (0.114)	0.158 (0.134)	0.334** (0.143)

Exercise everyday	0.614*** (0.166)	0.242 (0.206)	0.176 (0.120)	0.255* (0.132)	0.452*** (0.119)	0.347** (0.141)	0.316** (0.144)
No answer about exercise	-0.688** (0.347)		0.296 (0.271)		0.077 (0.368)		-0.362 (0.326)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.331 (0.274)	0.198 (0.318)	0.303 (0.192)	0.446** (0.199)	-0.040 (0.174)	0.633*** (0.192)	-0.291 (0.289)
Affordable housing community	0.364 (0.451)	-0.712 (0.503)	-0.095 (0.308)	-0.022 (0.251)	0.377 (0.397)	0.078 (0.356)	0.124 (0.354)
Commercial community	0.211 (0.249)	0.096 (0.339)	0.060 (0.146)	0.245 (0.160)	-0.023 (0.149)	0.441** (0.173)	-0.148 (0.198)
Senior residential community	-0.552 (0.506)	0.704 (0.562)	0.323 (0.558)	0.246 (0.283)	-0.013 (0.411)	0.362 (0.440)	-0.104 (0.465)
Community transformed from villages	0.378 (0.278)	0.036 (0.442)	0.159 (0.166)	0.277 (0.189)	0.101 (0.183)	0.172 (0.200)	0.148 (0.208)
Other community type	0.983 (0.712)		-0.180 (0.251)	0.174 (0.469)	0.612 (0.490)	-0.190 (0.315)	0.533 (0.443)
Green and blue space indicators (K_i)							
Distance to parks	-0.299* (0.163)	-0.186 (0.200)	-0.100 (0.082)	-0.151 (0.110)	-0.087 (0.102)	-0.094 (0.084)	-0.126 (0.091)
Constant	3.811*** (0.973)	4.967*** (0.982)	4.722*** (0.682)	4.836*** (0.548)	4.976*** (0.401)	4.265*** (0.629)	5.295*** (0.460)
Observations	329	233	522	493	591	384	490
R-squared	0.343	0.465	0.256	0.354	0.325	0.389	0.374
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S2. Distance to rivers for subgroups

<i>SRH_i</i> (Subgroups)	Model 14 Old	Model 15 Middle-aged	Model 16 Youth	Model 17 Male	Model 18 Female	Model 19 High-income	Model 20 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.022 (0.020)	-0.018 (0.035)	-0.035*** (0.010)	-0.023*** (0.005)	-0.032*** (0.007)	-0.027*** (0.009)	-0.024*** (0.005)
Gender	-0.039 (0.258)	-0.335 (0.286)	0.140 (0.109)			0.101 (0.155)	-0.137 (0.155)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-2.173* (1.157)	-1.162* (0.659)	0.258 (0.240)	-0.230 (0.323)	0.253 (0.285)	0.237 (0.278)	-0.094 (0.526)
Divorced	-0.187 (1.767)		0.412 (0.399)	-1.857*** (0.399)	0.371 (0.433)	-0.095 (0.494)	-0.482 (0.823)
Widowed	-1.517 (1.212)	-0.675 (0.733)		-0.507 (0.496)	0.764 (0.465)	0.523 (0.612)	-0.109 (0.620)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	1.509* (0.832)		-0.021 (0.221)	0.372 (0.329)	-0.114 (0.268)	-0.005 (0.308)	-0.021 (0.523)
No answer about children	0.456 (1.138)	1.269* (0.671)		1.174** (0.536)	0.327 (0.478)		0.666 (0.563)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	-0.052 (0.374)	0.696* (0.381)	0.201 (0.217)	0.137 (0.281)	0.243 (0.175)		0.393*** (0.148)
30,000 < Income ≤ 50,000	0.540 (0.521)	0.938* (0.535)	0.053 (0.226)	0.287 (0.295)	-0.049 (0.221)		
50,000 < Income ≤ 100,000	0.208 (0.537)	0.318 (0.573)	-0.014 (0.239)	0.100 (0.290)	-0.114 (0.229)	-0.086 (0.134)	
No answer about income	0.476 (0.355)	0.656 (0.519)	0.035 (0.228)	0.044 (0.270)	0.250 (0.230)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	-0.753** (0.300)	0.042 (0.315)	0.107 (0.134)	-0.210 (0.169)	0.072 (0.171)	-0.186 (0.170)	0.024 (0.177)
Residence is unclear		0.316 (0.824)	-1.700*** (0.533)		-0.004 (0.391)	0.019 (0.458)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	-0.046	-0.195	0.150	-0.419	-0.123	-0.316	-0.046

	(0.271)	(0.645)	(0.372)	(0.262)	(0.280)	(0.442)	(0.271)
Senior high school	0.103 (0.433)	-0.281 (0.669)	0.030 (0.380)	-0.274 (0.275)	-0.357 (0.319)	-0.140 (0.423)	0.103 (0.433)
Junior college or above	0.603 (0.670)	0.108 (0.774)	0.017 (0.374)	-0.228 (0.284)	-0.280 (0.361)	-0.055 (0.415)	0.603 (0.670)
No answer about education level	-1.495* (0.865)	1.763* (1.042)	0.071 (0.568)	0.166 (0.489)		-0.394 (0.653)	-1.495* (0.865)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.071 (0.275)	0.642* (0.379)	0.085 (0.127)	0.073 (0.176)	0.390*** (0.148)	0.351* (0.196)	-0.071 (0.275)
No answer about house property		0.541 (1.199)	-0.683** (0.322)		0.379 (0.690)		
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.495 (0.383)	0.230 (0.371)	-0.085 (0.170)	0.086 (0.187)	0.136 (0.205)	-0.031 (0.238)	0.495 (0.383)
90 < Housing area ≤ 110	0.297 (0.375)	0.044 (0.375)	-0.046 (0.192)	0.019 (0.219)	-0.034 (0.222)	0.152 (0.242)	0.297 (0.375)
Housing area > 110	0.993* (0.502)	0.065 (0.422)	0.185 (0.176)	0.221 (0.220)	0.224 (0.226)	0.248 (0.216)	0.993* (0.502)
No answer about housing area	0.377 (0.432)	0.028 (0.515)	-0.032 (0.201)	0.519** (0.232)	0.036 (0.259)	-0.392 (0.314)	0.377 (0.432)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	-0.207 (0.249)	-0.078 (0.278)	-0.015 (0.111)	0.026 (0.138)	0.025 (0.141)	-0.162 (0.167)	-0.207 (0.249)
No answer about car ownership		0.184 (1.299)	0.731 (0.478)	-0.985*** (0.358)	0.981*** (0.363)		
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	-0.010 (0.497)	-0.040 (0.412)	0.134 (0.150)	0.123 (0.170)	0.398** (0.198)	0.331 (0.207)	-0.010 (0.497)
Exercise several times a month	1.275*** (0.462)	-1.028 (0.625)	-0.145 (0.180)	0.203 (0.225)	0.100 (0.264)	-0.246 (0.272)	1.275*** (0.462)
Exercise several times a week	0.657* (0.385)	-0.232 (0.420)	0.185 (0.152)	0.068 (0.189)	0.302 (0.199)	0.063 (0.226)	0.657* (0.385)

Exercise everyday	0.343 (0.353)	0.090 (0.397)	0.013 (0.205)	0.286 (0.205)	0.262 (0.196)	0.487* (0.263)	0.343 (0.353)
No answer about exercise	-0.101 (0.571)		0.340 (0.349)		0.434 (0.399)		-0.101 (0.571)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Welfare housing community	-0.404 (0.538)	0.027 (0.698)	0.123 (0.246)	0.070 (0.320)	0.046 (0.283)	0.523 (0.354)	0.063 (0.406)
Affordable housing community	0.611 (0.694)	-0.490 (0.677)	0.596* (0.347)	-0.063 (0.396)	0.911** (0.442)	0.396 (0.477)	0.258 (0.391)
Commercial community	-0.162 (0.511)	0.320 (0.499)	0.145 (0.218)	0.172 (0.317)	-0.059 (0.285)	0.364 (0.366)	0.128 (0.356)
Senior residential community			1.128*** (0.377)		1.488*** (0.556)		1.930*** (0.622)
Community transformed from villages	0.260 (0.536)	-0.220 (0.574)	0.130 (0.259)	-0.123 (0.314)	0.075 (0.270)	-0.075 (0.380)	0.187 (0.309)
Green and blue space indicators (K_i)							
Distance to rivers	0.540 (0.555)	-0.247 (0.269)	-0.625** (0.245)	-0.153 (0.230)	-0.335* (0.188)	-0.481 (0.314)	0.540 (0.555)
Constant	3.298 (2.256)	5.637** (2.227)	5.623*** (0.678)	5.015*** (0.773)	5.404*** (0.719)	5.381*** (0.932)	3.298 (2.256)
Observations	143	109	253	236	269	157	143
R-squared	0.399	0.652	0.322	0.443	0.378	0.497	0.399
Townships	YES	YES	YES	YES	YES	YES	YES
Months	YES	YES	YES	YES	YES	YES	YES

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

TableS3. Results of regressions of subgroups for SRH (coverage ratio of total green space and freshwater)

<i>SRH_i</i> (Subgroups)	Model 21 Old	Model 22 Middle-aged	Model 23 Youth	Model 24 Male	Model 25 Female	Model 26 High-income	Model 27 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.024*** (0.009)	-0.023 (0.015)	-0.028*** (0.006)	-0.024*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.074 (0.139)	-0.140 (0.151)	0.076 (0.064)			0.116 (0.087)	-0.154 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.278 (0.468)	-0.612** (0.245)	0.029 (0.137)	-0.289* (0.158)	0.023 (0.179)	-0.076 (0.182)	-0.674** (0.290)
Divorced	0.396 (0.557)	-0.993** (0.395)	-0.001 (0.290)	-0.024 (0.265)	-0.215 (0.358)	0.140 (0.371)	-1.107*** (0.359)
Widowed	-0.158 (0.477)	-0.254 (0.337)	-0.664* (0.400)	-0.231 (0.314)	0.141 (0.242)	-0.214 (0.318)	-0.638* (0.357)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.701 (0.573)	0.550 (0.345)	0.149 (0.130)	0.471*** (0.159)	-0.007 (0.174)	0.291 (0.184)	0.333 (0.289)
No answer about children	0.502 (0.814)	0.594 (0.631)	0.169 (0.251)	0.730** (0.351)	0.287 (0.377)	-0.284 (0.342)	1.018** (0.407)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.284 (0.179)	0.412* (0.214)	0.112 (0.132)	-0.012 (0.167)	0.250** (0.106)		0.301*** (0.095)
30,000 < Income ≤ 50,000	0.224 (0.214)	0.579** (0.254)	0.077 (0.134)	0.179 (0.156)	-0.034 (0.129)	Reference	
50,000 < Income ≤ 100,000	0.465* (0.269)	0.748*** (0.286)	-0.049 (0.134)	0.141 (0.159)	0.016 (0.142)	0.052 (0.082)	
No answer about income	0.110 (0.188)	0.601** (0.234)	0.040 (0.136)	0.047 (0.163)	0.170 (0.121)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.029 (0.204)	-0.330* (0.170)	0.043 (0.077)	-0.146 (0.102)	0.033 (0.096)	-0.291*** (0.107)	0.055 (0.115)
Residence is unclear		0.464 (0.364)	-0.656 (0.648)	-0.812 (0.658)	0.210 (0.298)	-0.138 (0.452)	
Education level							

Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.062 (0.164)	0.377 (0.380)	0.478 (0.339)	-0.105 (0.201)	0.225 (0.168)	0.154 (0.265)	0.187 (0.165)
Senior high school	-0.114 (0.224)	0.377 (0.403)	0.374 (0.339)	-0.014 (0.209)	0.053 (0.192)	0.279 (0.264)	0.056 (0.192)
Junior college or above	-0.081 (0.313)	0.335 (0.408)	0.399 (0.337)	-0.048 (0.214)	0.167 (0.211)	0.416 (0.267)	0.036 (0.225)
No answer about education level	1.945*** (0.453)	1.635** (0.705)	0.265 (0.440)	0.250 (0.452)	1.866*** (0.339)	0.167 (0.494)	1.414*** (0.407)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.023 (0.140)	0.387** (0.166)	0.029 (0.079)	0.004 (0.102)	0.095 (0.083)	-0.036 (0.114)	0.136 (0.100)
No answer about house property		0.092 (0.313)	-0.415 (0.258)	-0.505 (0.315)	0.001 (0.354)	-0.025 (0.659)	-0.160 (0.532)
Housing area level							
Housing area \leq 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area \leq 90	0.201 (0.185)	0.193 (0.160)	0.107 (0.102)	0.168 (0.111)	0.126 (0.114)	0.145 (0.133)	0.117 (0.144)
90 < Housing area \leq 110	0.222 (0.215)	0.131 (0.191)	0.093 (0.123)	0.134 (0.135)	0.122 (0.133)	0.161 (0.147)	0.020 (0.161)
Housing area $>$ 110	0.424** (0.211)	0.125 (0.206)	0.143 (0.113)	0.105 (0.144)	0.175 (0.125)	0.125 (0.158)	0.014 (0.162)
No answer about housing area	0.193 (0.264)	0.079 (0.271)	0.067 (0.140)	0.245 (0.172)	0.124 (0.160)	-0.396* (0.205)	0.185 (0.216)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.237 (0.157)	-0.038 (0.154)	-0.035 (0.069)	-0.056 (0.085)	0.114 (0.089)	-0.011 (0.105)	0.062 (0.103)
No answer about car ownership	-1.911*** (0.442)	0.379 (0.566)	-0.022 (0.323)	-0.733 (0.681)	0.291 (0.332)	-1.111*** (0.410)	-0.348 (0.793)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.262 (0.220)	0.189 (0.178)	0.116 (0.097)	0.129 (0.109)	0.277** (0.120)	0.084 (0.118)	0.264* (0.135)
Exercise several times a month	0.783** (0.269)	-0.202 (0.269)	0.068 (0.182)	0.182 (0.158)	-0.081 (0.081)		0.269 (0.269)

	(0.304)	(0.276)	(0.106)	(0.139)	(0.131)	(0.150)	(0.176)
Exercise several times a week	0.505** (0.211)	-0.135 (0.209)	0.197** (0.092)	0.056 (0.123)	0.304*** (0.112)	0.133 (0.127)	0.340** (0.140)
Exercise everyday	0.656*** (0.159)	0.124 (0.182)	0.123 (0.118)	0.269** (0.122)	0.363*** (0.112)	0.335** (0.135)	0.269** (0.130)
No answer about exercise	-0.590* (0.330)		0.266 (0.272)		0.071 (0.351)		-0.063 (0.296)
Neighborhood indicators (N_i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.196 (0.274)	0.057 (0.285)	0.215 (0.183)	0.428** (0.193)	-0.064 (0.171)	0.631*** (0.185)	-0.275 (0.272)
Affordable housing community	0.358 (0.447)	-0.801** (0.380)	-0.082 (0.296)	-0.091 (0.247)	0.377 (0.378)	0.036 (0.333)	0.118 (0.341)
Commercial community	0.151 (0.244)	0.086 (0.264)	0.071 (0.132)	0.177 (0.149)	-0.014 (0.137)	0.428** (0.166)	-0.126 (0.189)
Senior residential community	-0.769 (0.475)	0.731 (0.543)	0.308 (0.574)	0.157 (0.276)	0.023 (0.411)	0.378 (0.437)	-0.069 (0.462)
Community transformed from villages	0.249 (0.261)	-0.200 (0.313)	0.116 (0.143)	0.112 (0.170)	0.059 (0.156)	0.103 (0.176)	0.085 (0.192)
Other community type	1.092 (0.735)		-0.115 (0.250)	0.167 (0.459)	0.667 (0.468)	-0.380 (0.343)	0.610 (0.441)
Green and blue space indicators (K_i)							
Total green space	1.998* (1.024)	0.357 (1.233)	0.014 (0.874)	0.252 (0.858)	0.059 (0.882)	1.731* (1.036)	0.519 (1.021)
Freshwater existence	-0.350 (0.371)	0.100 (0.254)	-0.071 (0.146)	0.062 (0.177)	-0.147 (0.179)	-0.042 (0.189)	0.025 (0.193)
Constant	4.290*** (0.971)	4.473*** (0.964)	4.791*** (0.624)	4.754*** (0.531)	5.000*** (0.399)	4.286*** (0.619)	5.082*** (0.469)
Observations	361	276	571	554	654	394	537
R-squared	0.340	0.463	0.267	0.358	0.338	0.401	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table S4. Results of regressions of sub-groups for SRH (coverage ratio of forests and grassland)

<i>SRH_i</i> (Subgroups)	Model 28 Old	Model 29 Middle-aged	Model 30 Youth	Model 31 Male	Model 32 Female	Model 33 High-income	Model 34 Low-income
Demographic and Socio-economic indicators (D_i)							
Age	-0.024*** (0.009)	-0.022 (0.015)	-0.028*** (0.006)	-0.025*** (0.003)	-0.022*** (0.004)	-0.015*** (0.005)	-0.021*** (0.004)
Gender	-0.078 (0.138)	-0.146 (0.155)	0.074 (0.064)			0.113 (0.087)	-0.153 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.267 (0.471)	-0.606** (0.250)	0.024 (0.138)	-0.287* (0.158)	0.016 (0.179)	-0.087 (0.182)	-0.670** (0.285)
Divorced	0.300 (0.549)	-0.990** (0.397)	0.002 (0.288)	-0.020 (0.267)	-0.210 (0.361)	0.124 (0.375)	-1.139*** (0.341)
Widowed	-0.166 (0.478)	-0.252 (0.341)	-0.690* (0.413)	-0.222 (0.315)	0.137 (0.243)	-0.233 (0.323)	-0.638* (0.353)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.656 (0.576)	0.544 (0.348)	0.151 (0.131)	0.472*** (0.159)	-0.005 (0.175)	0.296 (0.184)	0.334 (0.283)
No answer about children	0.642 (0.788)	0.592 (0.634)	0.187 (0.255)	0.735** (0.352)	0.349 (0.369)	-0.300 (0.347)	1.013** (0.400)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.291 (0.180)	0.415* (0.219)	0.115 (0.133)	-0.011 (0.167)	0.257** (0.106)		0.300*** (0.095)
30,000 < Income ≤ 50,000	0.229 (0.213)	0.574** (0.256)	0.079 (0.135)	0.181 (0.156)	-0.026 (0.129)	Reference	
50,000 < Income ≤ 100,000	0.486* (0.268)	0.756** (0.291)	-0.045 (0.135)	0.140 (0.159)	0.017 (0.142)	0.054 (0.082)	
No answer about income	0.135 (0.193)	0.599** (0.234)	0.041 (0.136)	0.045 (0.163)	0.175 (0.123)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.032 (0.206)	-0.325* (0.172)	0.040 (0.077)	-0.145 (0.102)	0.028 (0.095)	-0.297*** (0.107)	0.059 (0.115)
Residence is unclear		0.470 (0.369)	-0.667 (0.634)	-0.818 (0.672)	0.196 (0.298)	-0.144 (0.451)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.071	0.373	0.471	-0.111	0.226	0.170	0.186
	(0.164)	(0.382)	(0.341)	(0.201)	(0.168)	(0.268)	(0.163)
Senior high school	-0.091	0.374	0.363	-0.018	0.054	0.288	0.058
	(0.222)	(0.406)	(0.342)	(0.210)	(0.192)	(0.264)	(0.191)
Junior college or above	-0.059	0.329	0.388	-0.053	0.164	0.430	0.038
	(0.309)	(0.411)	(0.339)	(0.214)	(0.212)	(0.268)	(0.225)
No answer about education level	1.958***	1.710**	0.261	0.258	1.855***	0.191	1.415***
	(0.450)	(0.687)	(0.443)	(0.453)	(0.340)	(0.497)	(0.407)
Housing property							
Do not own a house	Reference						
Own a house	-0.018	0.387**	0.030	0.006	0.100	-0.036	0.133
	(0.140)	(0.167)	(0.079)	(0.102)	(0.083)	(0.114)	(0.100)
No answer about house property		0.095	-0.406	-0.501	0.023	-0.009	-0.165
		(0.316)	(0.257)	(0.311)	(0.350)	(0.663)	(0.531)
Housing area level							
Housing area ≤ 71	Reference						
71 < Housing area ≤ 90	0.202	0.185	0.107	0.168	0.129	0.145	0.117
	(0.187)	(0.158)	(0.102)	(0.111)	(0.115)	(0.133)	(0.144)
90 < Housing area ≤ 110	0.230	0.121	0.091	0.135	0.125	0.154	0.018
	(0.215)	(0.198)	(0.124)	(0.135)	(0.133)	(0.147)	(0.161)
Housing area > 110	0.394*	0.118	0.143	0.109	0.178	0.118	0.015
	(0.211)	(0.232)	(0.113)	(0.144)	(0.127)	(0.158)	(0.162)
No answer about housing area	0.178	0.075	0.067	0.247	0.125	-0.392*	0.189
	(0.260)	(0.271)	(0.140)	(0.172)	(0.160)	(0.203)	(0.214)
Family car							
Do not own a car	Reference						
Own a car	0.245	-0.034	-0.033	-0.058	0.116	-0.008	0.060
	(0.159)	(0.153)	(0.069)	(0.085)	(0.089)	(0.105)	(0.103)
No answer about car ownership	-1.888***	0.376	-0.024	-0.736	0.281	-1.092***	-0.358
	(0.429)	(0.575)	(0.325)	(0.676)	(0.333)	(0.402)	(0.783)
Exercise frequency							
Never exercise	Reference						
Exercise several times a year	0.281	0.191	0.112	0.131	0.274**	0.081	0.261*
	(0.220)	(0.176)	(0.096)	(0.109)	(0.119)	(0.118)	(0.134)
Exercise several times a month	0.776**	-0.193	0.064	0.186	0.155	-0.080	0.274
	(0.304)	(0.275)	(0.105)	(0.138)	(0.131)	(0.151)	(0.175)
Exercise several times a week	0.480**	-0.129	0.197**	0.058	0.302***	0.128	0.340**

	(0.212)	(0.211)	(0.092)	(0.122)	(0.112)	(0.126)	(0.140)
Exercise everyday	0.655*** (0.158)	0.122 (0.183)	0.122 (0.118)	0.265** (0.122)	0.360*** (0.112)	0.336** (0.134)	0.270** (0.129)
No answer about exercise	-0.602* (0.322)		0.259 (0.273)		0.072 (0.346)		-0.062 (0.294)
Neighborhood indicators <i>(N_i)</i>							
Community type							
Inner-city community	Reference						
Welfare housing community	0.201 (0.277)	0.051 (0.314)	0.220 (0.182)	0.422** (0.193)	-0.056 (0.173)	0.634*** (0.185)	-0.290 (0.272)
Affordable housing community	0.354 (0.447)	-0.806** (0.379)	-0.078 (0.298)	-0.100 (0.247)	0.389 (0.379)	0.054 (0.331)	0.070 (0.346)
Commercial community	0.124 (0.245)	0.085 (0.262)	0.068 (0.131)	0.179 (0.145)	-0.020 (0.138)	0.430*** (0.163)	-0.139 (0.187)
Senior residential community	-0.838* (0.476)	0.726 (0.545)	0.302 (0.573)	0.164 (0.273)	0.011 (0.413)	0.363 (0.436)	-0.062 (0.458)
Community transformed from villages	0.210 (0.264)	-0.214 (0.310)	0.121 (0.142)	0.104 (0.169)	0.063 (0.155)	0.110 (0.176)	0.066 (0.190)
Other community type	1.203* (0.717)		-0.119 (0.245)	0.142 (0.461)	0.646 (0.471)	-0.249 (0.419)	0.580 (0.434)
Green and blue space indicators <i>(K_i)</i>							
Forests	1.101 (1.450)	0.604 (2.050)	-0.221 (2.248)	1.005 (1.472)	-0.156 (1.425)	-0.746 (4.160)	3.504 (4.361)
Grassland	2.584*** (0.943)	0.182 (1.507)	0.106 (1.073)	0.057 (0.994)	0.230 (1.139)	1.984** (0.981)	0.558 (0.988)
Constant	4.011*** (0.916)	4.521*** (0.959)	4.762*** (0.652)	4.794*** (0.522)	4.894*** (0.380)	4.261*** (0.619)	5.070*** (0.455)
Observations	361	276	571	554	654	394	537
R-squared	0.338	0.463	0.267	0.358	0.337	0.401	0.358
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S5. Results of regressions of sub-groups for SRH (Coverage ratio and number of parks)

<i>SRH_i</i> <i>(Subgroups)</i>	Model 35 Old	Model 36 Middle-aged	Model 37 Youth	Model 38 Male	Model 39 Female	Model 40 High-income	Model 41 Low-income
Demographic and Socio-economic indicators (<i>D_i</i>)							
Age	-0.023** (0.010)	-0.022 (0.015)	-0.028*** (0.006)	-0.025*** (0.003)	-0.021*** (0.004)	-0.017*** (0.005)	-0.021*** (0.004)
Gender	-0.082 (0.140)	-0.148 (0.152)	0.074 (0.064)			0.112 (0.087)	-0.149 (0.104)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.346 (0.471)	-0.689*** (0.243)	0.023 (0.137)	-0.286* (0.156)	0.021 (0.180)	-0.112 (0.184)	-0.677** (0.290)
Divorced	0.278 (0.536)	-0.994** (0.393)	-0.005 (0.289)	-0.011 (0.261)	-0.203 (0.361)	0.133 (0.371)	-1.109*** (0.354)
Widowed	-0.233 (0.478)	-0.350 (0.337)	-0.697* (0.413)	-0.214 (0.315)	0.140 (0.243)	-0.244 (0.324)	-0.640* (0.358)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.721 (0.588)	0.562* (0.322)	0.152 (0.131)	0.480*** (0.159)	-0.006 (0.175)	0.306 (0.188)	0.337 (0.289)
No answer about children	0.678 (0.799)	0.641 (0.585)	0.186 (0.258)	0.748** (0.349)	0.357 (0.367)	-0.281 (0.342)	1.029** (0.411)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.289 (0.181)	0.394* (0.216)	0.115 (0.134)	-0.023 (0.169)	0.257** (0.107)		0.298*** (0.095)
30,000 < Income ≤ 50,000	0.186 (0.215)	0.572** (0.251)	0.080 (0.135)	0.173 (0.157)	-0.020 (0.130)	Reference	
50,000 < Income ≤ 100,000	0.455* (0.266)	0.774*** (0.290)	-0.045 (0.135)	0.130 (0.161)	0.018 (0.143)	0.057 (0.082)	
No answer about income	0.155 (0.191)	0.594** (0.236)	0.040 (0.136)	0.045 (0.165)	0.179 (0.123)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.050 (0.204)	-0.321* (0.170)	0.041 (0.077)	-0.144 (0.102)	0.029 (0.095)	-0.279** (0.109)	0.056 (0.115)
Residence is unclear		0.481 (0.356)	-0.656 (0.639)	-0.809 (0.678)	0.200 (0.296)	-0.109 (0.462)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.059	0.394	0.474	-0.100	0.223	0.192	0.183

	(0.165)	(0.381)	(0.342)	(0.202)	(0.167)	(0.268)	(0.165)
Senior high school	-0.099 (0.225)	0.391 (0.406)	0.363 (0.342)	-0.010 (0.210)	0.053 (0.191)	0.309 (0.268)	0.053 (0.192)
Junior college or above	-0.083 (0.310)	0.327 (0.412)	0.388 (0.340)	-0.049 (0.215)	0.166 (0.212)	0.443 (0.271)	0.036 (0.225)
No answer about education level	1.892*** (0.421)	1.773*** (0.660)	0.270 (0.440)	0.279 (0.462)	1.856*** (0.341)	0.205 (0.505)	1.415*** (0.408)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.016 (0.140)	0.402** (0.165)	0.031 (0.079)	0.004 (0.102)	0.093 (0.084)	-0.029 (0.114)	0.133 (0.101)
No answer about house property		0.176 (0.323)	-0.407 (0.253)	-0.489 (0.308)	0.012 (0.342)	0.044 (0.687)	-0.219 (0.543)
Housing area level							
Housing area \leq 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area \leq 90	0.217 (0.187)	0.216 (0.156)	0.111 (0.103)	0.179 (0.112)	0.128 (0.114)	0.160 (0.134)	0.122 (0.142)
90 < Housing area \leq 110	0.252 (0.214)	0.164 (0.193)	0.091 (0.125)	0.149 (0.137)	0.125 (0.134)	0.161 (0.149)	0.021 (0.161)
Housing area $>$ 110	0.415** (0.210)	0.180 (0.212)	0.147 (0.114)	0.123 (0.148)	0.181 (0.126)	0.139 (0.161)	0.018 (0.163)
No answer about housing area	0.223 (0.260)	0.124 (0.276)	0.070 (0.139)	0.259 (0.176)	0.126 (0.159)	-0.401** (0.202)	0.190 (0.216)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.243 (0.159)	-0.053 (0.151)	-0.033 (0.069)	-0.063 (0.085)	0.115 (0.089)	-0.011 (0.105)	0.061 (0.103)
No answer about car ownership	-1.829*** (0.405)	0.323 (0.562)	-0.039 (0.324)	-0.745 (0.681)	0.255 (0.330)	-1.163*** (0.434)	-0.349 (0.785)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.268 (0.221)	0.192 (0.170)	0.113 (0.097)	0.130 (0.109)	0.271** (0.119)	0.089 (0.118)	0.265** (0.134)
Exercise several times a month	0.737** (0.306)	-0.204 (0.282)	0.066 (0.106)	0.181 (0.138)	0.153 (0.130)	-0.080 (0.152)	0.259 (0.175)
Exercise several times a week	0.499** (0.214)	-0.140 (0.209)	0.200** (0.092)	0.052 (0.123)	0.303*** (0.112)	0.128 (0.128)	0.344** (0.140)

Exercise everyday	0.648*** (0.159)	0.124 (0.182)	0.123 (0.118)	0.270** (0.122)	0.358*** (0.112)	0.337** (0.135)	0.271** (0.129)
No answer about exercise	-0.591* (0.328)		0.268 (0.276)		0.068 (0.347)		-0.061 (0.298)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.272 (0.271)	0.152 (0.282)	0.214 (0.187)	0.434** (0.191)	-0.059 (0.170)	0.651*** (0.186)	-0.278 (0.272)
Affordable housing community	0.363 (0.444)	-0.828** (0.383)	-0.093 (0.301)	-0.094 (0.250)	0.385 (0.374)	0.050 (0.331)	0.097 (0.347)
Commercial community	0.158 (0.246)	0.104 (0.263)	0.064 (0.134)	0.182 (0.145)	-0.022 (0.137)	0.422*** (0.162)	-0.133 (0.186)
Senior residential community	-0.648 (0.497)	0.651 (0.512)	0.291 (0.569)	0.198 (0.274)	0.001 (0.406)	0.365 (0.450)	-0.094 (0.454)
Community transformed from villages	0.268 (0.273)	-0.176 (0.316)	0.119 (0.140)	0.116 (0.171)	0.069 (0.156)	0.095 (0.176)	0.083 (0.193)
Other community type	1.237* (0.717)		-0.162 (0.256)	0.197 (0.436)	0.606 (0.492)	-0.009 (0.361)	0.600 (0.432)
Green and blue space indicators (K_i)							
Parks existence	0.076 (0.203)	0.262 (0.220)	0.031 (0.116)	0.087 (0.155)	0.055 (0.128)	-0.035 (0.145)	0.083 (0.179)
Number of parks	-0.058 (0.336)	-0.329 (0.264)	0.048 (0.146)	-0.126 (0.181)	0.081 (0.180)	-0.127 (0.216)	-0.002 (0.291)
Constant	3.875*** (0.985)	4.369*** (0.967)	4.728*** (0.617)	4.711*** (0.539)	4.852*** (0.378)	4.207*** (0.634)	5.021*** (0.480)
Observations	361	276	571	554	654	394	537
R-squared	0.330	0.468	0.267	0.359	0.337	0.396	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S6. Sensitivity test of coverage ratio of total greenspace and freshwater within 1km

<i>SRH_i</i> (Subgroups)	Model 42 Old	Model 43 Middle-aged	Model 44 Youth	Model 45 Male	Model 46 Female	Model 47 High-income	Model 48 Low-income
Demographic and Socio-economic indicators (D_i)							
Age	-0.023** (0.009)	-0.023 (0.015)	-0.028*** (0.006)	-0.024*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.088 (0.139)	-0.134 (0.153)	0.075 (0.064)			0.108 (0.087)	-0.152 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.357 (0.481)	-0.595** (0.248)	0.025 (0.137)	-0.282* (0.158)	0.019 (0.180)	-0.113 (0.183)	-0.678** (0.291)
Divorced	0.203 (0.554)	-0.993** (0.393)	0.002 (0.289)	-0.005 (0.267)	-0.209 (0.362)	0.091 (0.376)	-1.090*** (0.374)
Widowed	-0.249 (0.486)	-0.208 (0.340)	-0.687* (0.412)	-0.226 (0.314)	0.140 (0.243)	-0.235 (0.320)	-0.635* (0.359)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.727 (0.573)	0.529 (0.353)	0.151 (0.130)	0.466*** (0.160)	-0.006 (0.175)	0.309 (0.189)	0.338 (0.291)
No answer about children	0.704 (0.784)	0.683 (0.663)	0.195 (0.258)	0.735** (0.358)	0.347 (0.371)	-0.257 (0.356)	1.004** (0.407)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.292 (0.181)	0.431** (0.215)	0.115 (0.133)	-0.009 (0.168)	0.256** (0.107)		0.296*** (0.095)
30,000 < Income ≤ 50,000	0.208 (0.213)	0.576** (0.248)	0.080 (0.135)	0.188 (0.157)	-0.025 (0.130)	Reference	
50,000 < Income ≤ 100,000	0.489* (0.273)	0.747*** (0.284)	-0.045 (0.135)	0.138 (0.160)	0.017 (0.143)	0.058 (0.083)	
No answer about income	0.121 (0.192)	0.604*** (0.230)	0.041 (0.136)	0.048 (0.163)	0.175 (0.122)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.025 (0.209)	-0.311* (0.171)	0.041 (0.078)	-0.142 (0.102)	0.029 (0.095)	-0.291*** (0.108)	0.062 (0.115)
Residence is unclear		0.490 (0.357)	-0.664 (0.639)	-0.832 (0.675)	0.202 (0.296)	-0.102 (0.468)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.057 (0.166)	0.345 (0.389)	0.476 (0.342)	-0.131 (0.206)	0.226 (0.168)	0.165 (0.268)	0.182 (0.165)

Senior high school	-0.110 (0.226)	0.340 (0.411)	0.368 (0.343)	-0.042 (0.215)	0.054 (0.191)	0.279 (0.269)	0.050 (0.192)
Junior college or above	-0.068 (0.319)	0.298 (0.417)	0.391 (0.341)	-0.071 (0.219)	0.163 (0.212)	0.424 (0.271)	0.031 (0.225)
No answer about education level	1.893*** (0.429)	1.725** (0.697)	0.268 (0.443)	0.243 (0.466)	1.855*** (0.341)	0.189 (0.491)	1.426*** (0.408)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.014 (0.139)	0.372** (0.164)	0.030 (0.079)	0.009 (0.102)	0.099 (0.083)	-0.029 (0.114)	0.135 (0.100)
No answer about house property		0.041 (0.323)	-0.410 (0.261)	-0.509* (0.306)	0.024 (0.351)	0.017 (0.687)	-0.145 (0.523)
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.205 (0.187)	0.171 (0.158)	0.107 (0.102)	0.165 (0.111)	0.128 (0.114)	0.152 (0.133)	0.125 (0.142)
90 < Housing area ≤ 110	0.220 (0.214)	0.092 (0.193)	0.091 (0.123)	0.129 (0.135)	0.126 (0.133)	0.155 (0.147)	0.022 (0.160)
Housing area > 110	0.374* (0.212)	0.112 (0.210)	0.144 (0.113)	0.103 (0.145)	0.176 (0.126)	0.123 (0.158)	0.012 (0.162)
No answer about housing area	0.206 (0.260)	0.012 (0.274)	0.068 (0.139)	0.232 (0.173)	0.125 (0.163)	-0.397* (0.205)	0.200 (0.217)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.259 (0.159)	-0.026 (0.152)	-0.034 (0.070)	-0.049 (0.085)	0.117 (0.089)	-0.008 (0.106)	0.053 (0.103)
No answer about car ownership	-1.857*** (0.411)	0.428 (0.595)	-0.027 (0.325)	-0.739 (0.687)	0.280 (0.331)	-1.161*** (0.428)	-0.356 (0.776)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.268 (0.219)	0.175 (0.174)	0.111 (0.096)	0.133 (0.109)	0.276** (0.120)	0.094 (0.119)	0.268** (0.134)
Exercise several times a month	0.741** (0.304)	-0.186 (0.276)	0.065 (0.106)	0.187 (0.138)	0.153 (0.132)	-0.073 (0.152)	0.260 (0.175)
Exercise several times a week	0.509** (0.211)	-0.129 (0.209)	0.197** (0.092)	0.064 (0.122)	0.303*** (0.113)	0.142 (0.127)	0.348** (0.141)
Exercise everyday	0.653*** (0.128)	0.128 (0.123)	0.123 (0.271**)	0.271** (0.360***)	0.343** (0.343**)	0.269** (0.269**)	

	(0.159)	(0.180)	(0.118)	(0.122)	(0.112)	(0.134)	(0.129)
No answer about exercise	-0.608*		0.254		0.071		-0.046
	(0.329)		(0.269)		(0.347)		(0.300)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.193	0.075	0.215	0.458**	-0.059	0.647***	-0.297
	(0.273)	(0.280)	(0.187)	(0.192)	(0.169)	(0.189)	(0.271)
Affordable housing community	0.310	-0.701*	-0.088	-0.044	0.379	0.046	0.069
	(0.459)	(0.364)	(0.311)	(0.251)	(0.388)	(0.342)	(0.356)
Commercial community	0.122	0.073	0.064	0.196	-0.021	0.430***	-0.133
	(0.242)	(0.264)	(0.134)	(0.146)	(0.137)	(0.166)	(0.187)
Senior residential community	-0.869*	0.702	0.303	0.154	0.020	0.357	-0.018
	(0.485)	(0.551)	(0.576)	(0.273)	(0.413)	(0.437)	(0.459)
Community transformed from villages	0.242	-0.207	0.119	0.134	0.064	0.116	0.073
	(0.262)	(0.309)	(0.144)	(0.171)	(0.155)	(0.184)	(0.189)
Other community type	1.263*		-0.126	0.168	0.650	-0.189	0.582
	(0.719)		(0.242)	(0.453)	(0.472)	(0.311)	(0.432)
Green and blue space indicators (K_i)							
Total green space (1km)	2.164	0.623	0.089	0.499	-0.049	0.889	-0.509
	(1.351)	(1.802)	(1.035)	(0.952)	(1.184)	(1.305)	(1.524)
Freshwater (1km)	2.620	-4.404	0.453	-2.241	0.319	0.161	1.609
	(4.495)	(4.685)	(2.410)	(2.776)	(2.520)	(3.315)	(2.632)
Constant	3.797***	4.703***	4.722***	4.866***	4.868***	4.198***	5.050***
	(0.946)	(1.016)	(0.645)	(0.534)	(0.393)	(0.619)	(0.470)
Observations	361	276	571	554	654	394	537
R-squared	0.335	0.465	0.267	0.359	0.337	0.397	0.357
Township	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S7. Sensitivity test of coverage ratio of greenspace and water within 1.5km

<i>SRH_i</i> (Subgroups)	Model 49 Old	Model 50 Middle-aged	Model 51 Youth	Model 52 Male	Model 53 Female	Model 54 High-income	Model 55 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.023 (0.015)	-0.029*** (0.006)	-0.024*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.084 (0.139)	-0.150 (0.153)	0.073 (0.064)			0.107 (0.087)	-0.152 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.326 (0.489)	-0.625** (0.242)	0.023 (0.136)	-0.279* (0.156)	0.019 (0.179)	-0.111 (0.182)	-0.681** (0.291)
Divorced	0.236 (0.554)	-0.991** (0.391)	0.003 (0.294)	-0.004 (0.272)	-0.216 (0.360)	0.120 (0.388)	-1.099*** (0.363)
Widowed	-0.228 (0.494)	-0.251 (0.335)	-0.679* (0.409)	-0.242 (0.310)	0.142 (0.242)	-0.235 (0.320)	-0.643* (0.359)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.711 (0.586)	0.522 (0.333)	0.159 (0.127)	0.480*** (0.155)	-0.008 (0.175)	0.315* (0.186)	0.341 (0.291)
No answer about children	0.747 (0.793)	0.573 (0.633)	0.182 (0.246)	0.745** (0.345)	0.349 (0.368)	-0.206 (0.341)	1.024** (0.413)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.291 (0.180)	0.421* (0.218)	0.119 (0.134)	-0.003 (0.167)	0.259** (0.107)		0.296*** (0.095)
30,000 < Income ≤ 50,000	0.202 (0.211)	0.581** (0.251)	0.093 (0.136)	0.183 (0.155)	-0.022 (0.131)	Reference	
50,000 < Income ≤ 100,000	0.494* (0.270)	0.757*** (0.287)	-0.035 (0.135)	0.139 (0.159)	0.018 (0.145)	0.066 (0.083)	
No answer about income	0.128 (0.194)	0.618*** (0.237)	0.042 (0.136)	0.044 (0.163)	0.174 (0.122)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.045 (0.208)	-0.316* (0.172)	0.046 (0.078)	-0.145 (0.102)	0.030 (0.096)	-0.281*** (0.107)	0.057 (0.114)
Residence is unclear		0.483 (0.362)	-0.688 (0.656)	-0.860 (0.704)	0.203 (0.298)	-0.164 (0.496)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.055 (0.165)	0.371 (0.386)	0.462 (0.336)	-0.124 (0.201)	0.227 (0.168)	0.126 (0.265)	0.179 (0.164)

Senior high school	-0.124 (0.224)	0.368 (0.409)	0.348 (0.337)	-0.042 (0.210)	0.054 (0.192)	0.236 (0.266)	0.049 (0.191)
Junior college or above	-0.085 (0.312)	0.328 (0.417)	0.373 (0.335)	-0.061 (0.215)	0.163 (0.212)	0.393 (0.269)	0.024 (0.223)
No answer about education level	1.908*** (0.425)	1.692** (0.691)	0.275 (0.439)	0.274 (0.467)	1.859*** (0.341)	0.182 (0.497)	1.416*** (0.410)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.013 (0.139)	0.389** (0.163)	0.029 (0.078)	0.005 (0.102)	0.097 (0.083)	-0.037 (0.114)	0.134 (0.100)
No answer about house property		0.076 (0.319)	-0.426 (0.269)	-0.540* (0.322)	0.024 (0.349)	0.010 (0.700)	-0.184 (0.524)
Housing area level							
Housing area \leq 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area \leq 90	0.209 (0.187)	0.188 (0.159)	0.101 (0.101)	0.159 (0.110)	0.129 (0.114)	0.154 (0.133)	0.124 (0.142)
90 < Housing area \leq 110	0.232 (0.212)	0.111 (0.193)	0.086 (0.123)	0.131 (0.134)	0.124 (0.133)	0.159 (0.146)	0.020 (0.161)
Housing area $>$ 110	0.379* (0.207)	0.129 (0.205)	0.134 (0.112)	0.102 (0.144)	0.177 (0.125)	0.122 (0.156)	0.013 (0.161)
No answer about housing area	0.206 (0.255)	0.060 (0.268)	0.054 (0.138)	0.230 (0.170)	0.118 (0.160)	-0.403** (0.204)	0.191 (0.216)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.253 (0.160)	-0.036 (0.152)	-0.031 (0.071)	-0.048 (0.085)	0.119 (0.089)	-0.014 (0.107)	0.060 (0.103)
No answer about car ownership	-1.858*** (0.402)	0.383 (0.579)	-0.039 (0.336)	-0.760 (0.693)	0.288 (0.332)	-1.219*** (0.449)	-0.353 (0.790)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.282 (0.221)	0.199 (0.172)	0.109 (0.096)	0.125 (0.109)	0.273** (0.119)	0.078 (0.118)	0.271** (0.134)
Exercise several times a month	0.752** (0.304)	-0.197 (0.276)	0.071 (0.105)	0.190 (0.137)	0.149 (0.131)	-0.073 (0.152)	0.267 (0.175)
Exercise several times a week	0.517** (0.215)	-0.127 (0.209)	0.206** (0.092)	0.070 (0.121)	0.300*** (0.113)	0.142 (0.126)	0.349** (0.141)
Exercise everyday	0.661***	0.126	0.129	0.272**	0.359***	0.342**	0.274**

	(0.158)	(0.181)	(0.117)	(0.121)	(0.112)	(0.133)	(0.130)
No answer about exercise	-0.606*		0.227		0.075		-0.055
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.220	0.066	0.222	0.457**	-0.057	0.637***	-0.280
	(0.275)	(0.282)	(0.183)	(0.188)	(0.169)	(0.183)	(0.276)
Affordable housing community	0.277	-0.765**	-0.064	-0.059	0.400	0.038	0.091
	(0.458)	(0.368)	(0.297)	(0.247)	(0.382)	(0.334)	(0.353)
Commercial community	0.129	0.081	0.080	0.195	-0.018	0.423***	-0.128
	(0.243)	(0.265)	(0.134)	(0.144)	(0.137)	(0.161)	(0.188)
Senior residential community	-0.782	0.694	0.318	0.158	0.017	0.404	-0.066
	(0.493)	(0.555)	(0.585)	(0.269)	(0.413)	(0.439)	(0.459)
Community transformed from villages	0.191	-0.207	0.127	0.135	0.070	0.119	0.069
	(0.262)	(0.310)	(0.144)	(0.169)	(0.156)	(0.181)	(0.196)
Other community type	1.192*		-0.110	0.176	0.648	-0.200	0.588
	(0.719)		(0.243)	(0.456)	(0.471)	(0.303)	(0.435)
Green and blue space indicators (K_i)							
Total green space (1.5km)	2.599	-1.022	1.404	1.828	-0.093	2.436	0.508
	(2.129)	(2.488)	(1.314)	(1.401)	(1.400)	(1.691)	(1.672)
Freshwater (1.5km)	2.006	-2.556	0.046	-0.888	-0.603	1.218	1.082
	(4.315)	(3.653)	(1.710)	(2.001)	(2.138)	(2.077)	(2.365)
Constant	3.622***	4.794***	4.555***	4.645***	4.908***	4.010***	5.020***
	(0.992)	(1.058)	(0.669)	(0.551)	(0.428)	(0.657)	(0.497)
Observations	361	276	571	554	654	394	537
R-squared	0.333	0.464	0.270	0.362	0.337	0.401	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S8. Sensitivity test of coverage ratio of total green space and freshwater within 3km

<i>SRH_i</i> (Subgroups)	Model 56 Old	Model 57 Middle-aged	Model 58 Youth	Model 59 Male	Model 60 Female	Model 61 High-income	Model 62 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.023 (0.015)	-0.028*** (0.006)	-0.024*** (0.003)	-0.021*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.074 (0.139)	-0.150 (0.155)	0.075 (0.064)			0.108 (0.088)	-0.153 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.220 (0.473)	-0.631** (0.247)	0.031 (0.138)	-0.268* (0.158)	0.015 (0.179)	-0.095 (0.185)	-0.664** (0.289)
Divorced	0.415 (0.533)	-0.997** (0.400)	-0.010 (0.280)	0.016 (0.268)	-0.268 (0.352)	0.109 (0.384)	-1.085*** (0.359)
Widowed	-0.131 (0.477)	-0.274 (0.340)	-0.704* (0.407)	-0.223 (0.312)	0.149 (0.243)	-0.226 (0.327)	-0.625* (0.358)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.625 (0.590)	0.534 (0.344)	0.149 (0.130)	0.475*** (0.157)	-0.009 (0.174)	0.307 (0.188)	0.316 (0.289)
No answer about children	0.651 (0.800)	0.573 (0.633)	0.167 (0.247)	0.723** (0.349)	0.342 (0.356)	-0.300 (0.341)	1.001** (0.407)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.306* (0.181)	0.416* (0.219)	0.120 (0.134)	-0.012 (0.168)	0.266** (0.107)		0.310*** (0.095)
30,000 < Income ≤ 50,000	0.199 (0.210)	0.576** (0.252)	0.085 (0.136)	0.178 (0.157)	-0.013 (0.130)	Reference	
50,000 < Income ≤ 100,000	0.478* (0.265)	0.767*** (0.293)	-0.049 (0.137)	0.133 (0.161)	0.019 (0.143)	0.055 (0.083)	
No answer about income	0.127 (0.192)	0.616*** (0.235)	0.040 (0.137)	0.050 (0.163)	0.172 (0.122)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.057 (0.203)	-0.332* (0.176)	0.042 (0.078)	-0.144 (0.102)	0.027 (0.095)	-0.273** (0.109)	0.054 (0.115)
Residence is unclear		0.477 (0.369)	-0.671 (0.609)	-0.903 (0.668)	0.213 (0.297)	-0.129 (0.475)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.067	0.358	0.481	-0.111	0.236	0.173	0.188
	(0.166)	(0.379)	(0.338)	(0.202)	(0.168)	(0.264)	(0.166)
Senior high school	-0.120	0.359	0.371	-0.023	0.067	0.296	0.055
	(0.221)	(0.403)	(0.338)	(0.210)	(0.192)	(0.265)	(0.192)
Junior college or above	-0.085	0.317	0.392	-0.059	0.176	0.427	0.045
	(0.309)	(0.412)	(0.336)	(0.215)	(0.212)	(0.269)	(0.227)
No answer about education level	1.941***	1.640**	0.228	0.256	1.841***	0.184	1.401***
	(0.428)	(0.680)	(0.441)	(0.464)	(0.340)	(0.513)	(0.408)
Housing property							
Do not own a house	Reference						
Own a house	-0.002	0.391**	0.019	0.005	0.094	-0.031	0.133
	(0.140)	(0.163)	(0.079)	(0.102)	(0.083)	(0.115)	(0.100)
No answer about house property		0.088	-0.403	-0.513	0.023	0.026	-0.164
		(0.316)	(0.254)	(0.320)	(0.345)	(0.686)	(0.527)
Housing area level							
Housing area ≤ 71	Reference						
71 < Housing area ≤ 90	0.191	0.197	0.103	0.159	0.124	0.141	0.115
	(0.189)	(0.163)	(0.102)	(0.111)	(0.114)	(0.134)	(0.143)
90 < Housing area ≤ 110	0.250	0.126	0.095	0.125	0.132	0.150	0.027
	(0.214)	(0.195)	(0.123)	(0.134)	(0.133)	(0.145)	(0.161)
Housing area > 110	0.431**	0.122	0.160	0.120	0.201	0.143	0.028
	(0.212)	(0.211)	(0.113)	(0.145)	(0.127)	(0.160)	(0.162)
No answer about housing area	0.215	0.082	0.066	0.245	0.112	-0.405**	0.165
	(0.262)	(0.271)	(0.139)	(0.171)	(0.160)	(0.202)	(0.217)
Family car							
Do not own a car	Reference						
Own a car	0.267*	-0.041	-0.022	-0.052	0.124	-0.001	0.063
	(0.160)	(0.152)	(0.070)	(0.085)	(0.089)	(0.106)	(0.103)
No answer about car ownership	-1.862***	0.354	-0.019	-0.748	0.289	-1.121***	-0.320
	(0.404)	(0.580)	(0.319)	(0.682)	(0.334)	(0.431)	(0.785)
Exercise frequency							
Never exercise	Reference						
Exercise several times a year	0.277	0.206	0.109	0.128	0.262**	0.087	0.262*
	(0.220)	(0.173)	(0.096)	(0.109)	(0.119)	(0.119)	(0.135)
Exercise several times a month	0.761**	-0.190	0.067	0.197	0.150	-0.072	0.266
	(0.297)	(0.277)	(0.105)	(0.138)	(0.129)	(0.153)	(0.174)

Exercise several times a week	0.457** (0.216)	-0.133 (0.207)	0.198** (0.093)	0.063 (0.122)	0.288** (0.113)	0.141 (0.128)	0.335** (0.140)
Exercise everyday	0.664*** (0.159)	0.124 (0.183)	0.114 (0.118)	0.273** (0.122)	0.358*** (0.112)	0.341** (0.135)	0.260** (0.131)
No answer about exercise	-0.597* (0.329)		0.276 (0.269)		0.072 (0.348)		-0.102 (0.301)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.277 (0.269)	0.060 (0.288)	0.224 (0.185)	0.439** (0.191)	-0.059 (0.171)	0.633*** (0.184)	-0.258 (0.272)
Affordable housing community	0.371 (0.449)	-0.806** (0.382)	-0.067 (0.300)	-0.072 (0.246)	0.405 (0.378)	0.053 (0.332)	0.138 (0.342)
Commercial community	0.174 (0.243)	0.091 (0.270)	0.059 (0.131)	0.182 (0.145)	-0.029 (0.138)	0.404** (0.161)	-0.114 (0.188)
Senior residential community	-0.822* (0.485)	0.739 (0.548)	0.290 (0.571)	0.159 (0.267)	0.029 (0.415)	0.345 (0.441)	-0.038 (0.464)
Community transformed from villages	0.173 (0.282)	-0.204 (0.314)	0.148 (0.146)	0.128 (0.173)	0.087 (0.165)	0.097 (0.178)	0.104 (0.204)
Other community type	1.180 (0.716)		-0.110 (0.256)	0.148 (0.439)	0.720 (0.467)	-0.145 (0.305)	0.612 (0.433)
Green and blue space indicators (K_i)							
Total green space (3km)	2.706 (2.749)	-0.897 (2.865)	-0.428 (1.044)	0.652 (1.459)	-0.369 (1.336)	1.020 (1.808)	0.293 (1.675)
Freshwater (3km)	-2.740 (4.294)	-0.450 (2.557)	-2.231* (1.324)	-1.522 (1.386)	-2.864 (1.891)	-0.833 (1.413)	-1.927 (2.280)
Constant	3.475*** (1.123)	4.789*** (1.114)	4.877*** (0.668)	4.698*** (0.611)	5.027*** (0.489)	4.023*** (0.804)	5.082*** (0.610)
Observations	361	276	571	554	654	394	537
R-squared	0.334	0.463	0.270	0.359	0.339	0.397	0.358
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S9. Sensitivity test of coverage ratio of forests and grassland within 1km

<i>SRH_i</i> (Subgroups)	Model 63 Old	Model 64 Middle-aged	Model 65 Youth	Model 66 Male	Model 67 Female	Model 68 High-income	Model 69 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.023 (0.015)	-0.030*** (0.006)	-0.025*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.076 (0.139)	-0.138 (0.153)	0.082 (0.064)			0.110 (0.087)	-0.152 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.338 (0.469)	-0.649** (0.252)	0.035 (0.137)	-0.282* (0.158)	0.018 (0.180)	-0.106 (0.184)	-0.661** (0.293)
Divorced	0.176 (0.536)	-0.995** (0.392)	0.023 (0.300)	-0.031 (0.269)	-0.205 (0.357)	0.102 (0.373)	-1.061*** (0.381)
Widowed	-0.237 (0.476)	-0.301 (0.343)	-0.672 (0.416)	-0.229 (0.313)	0.141 (0.243)	-0.225 (0.321)	-0.613* (0.363)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.714 (0.574)	0.537 (0.331)	0.151 (0.129)	0.473*** (0.158)	-0.009 (0.174)	0.302 (0.189)	0.316 (0.293)
No answer about children	0.671 (0.786)	0.590 (0.617)	0.156 (0.244)	0.754** (0.351)	0.341 (0.370)	-0.291 (0.353)	1.001** (0.418)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.292 (0.180)	0.406* (0.215)	0.120 (0.133)	-0.012 (0.167)	0.256** (0.106)		0.299*** (0.095)
30,000 < Income ≤ 50,000	0.204 (0.212)	0.558** (0.249)	0.085 (0.135)	0.179 (0.157)	-0.029 (0.129)	Reference	
50,000 < Income ≤ 100,000	0.488* (0.271)	0.739** (0.286)	-0.035 (0.136)	0.139 (0.161)	0.014 (0.143)	0.055 (0.082)	
No answer about income	0.141 (0.192)	0.621*** (0.232)	0.041 (0.135)	0.032 (0.163)	0.181 (0.125)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.034 (0.208)	-0.329* (0.170)	0.057 (0.078)	-0.143 (0.102)	0.027 (0.095)	-0.296*** (0.108)	0.068 (0.115)
Residence is unclear		0.508 (0.361)	-0.670 (0.638)	-0.803 (0.669)	0.208 (0.296)	-0.112 (0.472)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.048 (0.164)	0.381 (0.382)	0.503 (0.347)	-0.121 (0.199)	0.226 (0.167)	0.187 (0.271)	0.183 (0.166)

Senior high school	-0.117 (0.222)	0.381 (0.405)	0.397 (0.348)	-0.025 (0.208)	0.054 (0.191)	0.301 (0.272)	0.045 (0.192)
Junior college or above	-0.093 (0.312)	0.328 (0.413)	0.409 (0.345)	-0.056 (0.213)	0.164 (0.211)	0.447 (0.273)	0.029 (0.225)
No answer about education level	1.923*** (0.435)	1.674** (0.695)	0.314 (0.448)	0.302 (0.470)	1.852*** (0.341)	0.175 (0.479)	1.415*** (0.407)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.011 (0.139)	0.394** (0.167)	0.031 (0.079)	0.003 (0.102)	0.100 (0.083)	-0.028 (0.114)	0.136 (0.099)
No answer about house property		0.071 (0.313)	-0.429 (0.264)	-0.504* (0.295)	0.032 (0.346)	0.036 (0.686)	-0.044 (0.509)
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.220 (0.187)	0.194 (0.157)	0.106 (0.102)	0.176 (0.111)	0.131 (0.115)	0.147 (0.135)	0.124 (0.142)
90 < Housing area ≤ 110	0.232 (0.215)	0.123 (0.194)	0.089 (0.122)	0.139 (0.135)	0.127 (0.133)	0.148 (0.147)	0.024 (0.161)
Housing area > 110	0.378* (0.212)	0.154 (0.221)	0.150 (0.113)	0.115 (0.144)	0.181 (0.126)	0.115 (0.159)	0.012 (0.162)
No answer about housing area	0.200 (0.259)	0.070 (0.272)	0.067 (0.138)	0.255 (0.171)	0.123 (0.159)	-0.404* (0.208)	0.181 (0.215)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.255 (0.159)	-0.034 (0.152)	-0.033 (0.069)	-0.052 (0.085)	0.116 (0.089)	-0.005 (0.106)	0.055 (0.103)
No answer about car ownership	-1.912*** (0.417)	0.366 (0.576)	-0.027 (0.327)	-0.727 (0.671)	0.281 (0.330)	-1.120*** (0.420)	-0.336 (0.781)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.264 (0.218)	0.191 (0.174)	0.110 (0.096)	0.130 (0.109)	0.277** (0.119)	0.098 (0.118)	0.265** (0.135)
Exercise several times a month	0.740** (0.307)	-0.196 (0.276)	0.060 (0.105)	0.182 (0.137)	0.152 (0.132)	-0.075 (0.152)	0.263 (0.175)
Exercise several times a week	0.483** (0.210)	-0.143 (0.211)	0.189** (0.092)	0.057 (0.122)	0.301*** (0.112)	0.139 (0.127)	0.341** (0.140)

Exercise everyday	0.654*** (0.158)	0.131 (0.182)	0.121 (0.117)	0.265** (0.122)	0.359*** (0.112)	0.341** (0.134)	0.262** (0.130)
No answer about exercise	-0.608* (0.323)		0.323 (0.270)		0.062 (0.340)		-0.067 (0.296)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.242 (0.276)	0.124 (0.302)	0.179 (0.180)	0.415** (0.191)	-0.044 (0.171)	0.656*** (0.188)	-0.273 (0.271)
Affordable housing community	0.379 (0.443)	-0.781** (0.378)	-0.077 (0.294)	-0.106 (0.248)	0.385 (0.376)	0.067 (0.343)	0.115 (0.341)
Commercial community	0.132 (0.245)	0.093 (0.263)	0.059 (0.130)	0.181 (0.145)	-0.020 (0.137)	0.429** (0.166)	-0.120 (0.188)
Senior residential community	-0.916* (0.487)	0.749 (0.534)	0.327 (0.581)	0.156 (0.270)	0.011 (0.416)	0.355 (0.434)	0.000 (0.452)
Community transformed from villages	0.251 (0.268)	-0.203 (0.310)	0.113 (0.143)	0.097 (0.174)	0.064 (0.155)	0.129 (0.185)	0.091 (0.192)
Other community type	1.279* (0.722)		-0.113 (0.254)	0.144 (0.465)	0.626 (0.481)	-0.152 (0.320)	0.585 (0.435)
Green and blue space indicators (K_i)							
Forests (1km)	0.315 (1.604)	-0.885 (2.657)	1.888 (2.041)	2.860 (1.944)	-0.680 (1.429)	-0.677 (2.968)	-2.185 (3.655)
Grassland (1km)	3.660** (1.749)	1.190 (2.474)	-1.214 (1.315)	-0.488 (1.286)	0.360 (1.905)	1.380 (1.402)	-0.401 (1.627)
Constant	3.923*** (0.931)	4.610*** (0.990)	4.593*** (0.663)	4.729*** (0.523)	4.927*** (0.383)	4.202*** (0.623)	5.128*** (0.452)
Observations	361	276	571	554	654	394	537
R-squared	0.336	0.464	0.271	0.361	0.337	0.397	0.357
Township	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S10. Sensitivity test of coverage ratio of forests and grassland within 1.5km

<i>SRH_i</i>	Model 70	Model 71	Model 72	Model 73	Model 74	Model 75	Model 76
<i>Subgroups</i>	Old	Middle-aged	Youth	Male	Female	High-income	Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.024* (0.015)	-0.030*** (0.006)	-0.025*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.080 (0.139)	-0.144 (0.153)	0.083 (0.063)			0.106 (0.087)	-0.152 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.305 (0.475)	-0.681*** (0.248)	0.022 (0.136)	-0.294* (0.157)	0.019 (0.179)	-0.103 (0.183)	-0.682** (0.293)
Divorced	0.239 (0.542)	-0.997** (0.395)	-0.008 (0.303)	-0.084 (0.273)	-0.212 (0.358)	0.111 (0.388)	-1.089*** (0.355)
Widowed	-0.210 (0.482)	-0.336 (0.341)	-0.688* (0.404)	-0.268 (0.309)	0.142 (0.242)	-0.219 (0.318)	-0.648* (0.361)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.689 (0.581)	0.509 (0.321)	0.175 (0.126)	0.514*** (0.154)	-0.011 (0.174)	0.316* (0.187)	0.346 (0.292)
No answer about children	0.693 (0.789)	0.545 (0.614)	0.217 (0.249)	0.807** (0.357)	0.337 (0.372)	-0.212 (0.343)	1.034** (0.413)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.303* (0.181)	0.385* (0.215)	0.124 (0.133)	-0.006 (0.166)	0.259** (0.107)		0.301*** (0.095)
30,000 < Income ≤ 50,000	0.204 (0.211)	0.538** (0.248)	0.093 (0.136)	0.165 (0.157)	-0.029 (0.130)	Reference	
50,000 < Income ≤ 100,000	0.495* (0.270)	0.710** (0.286)	-0.036 (0.136)	0.131 (0.161)	0.017 (0.145)	0.062 (0.082)	
No answer about income	0.137 (0.195)	0.615*** (0.230)	0.034 (0.135)	0.009 (0.162)	0.184 (0.126)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.053 (0.206)	-0.313* (0.171)	0.059 (0.077)	-0.143 (0.101)	0.028 (0.095)	-0.279*** (0.107)	0.053 (0.115)
Residence is unclear		0.507 (0.362)	-0.633 (0.651)	-0.726 (0.688)	0.203 (0.297)	-0.143 (0.485)	
Education level							

Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Primary or junior high school	0.046 (0.164)	0.373 (0.381)	0.486 (0.345)	-0.129 (0.196)	0.223 (0.167)	0.119 (0.266)	0.175 (0.165)
Senior high school	-0.134 (0.223)	0.368 (0.404)	0.372 (0.345)	-0.045 (0.204)	0.049 (0.191)	0.227 (0.267)	0.048 (0.191)
Junior college or above	-0.099 (0.308)	0.311 (0.412)	0.392 (0.343)	-0.064 (0.210)	0.158 (0.211)	0.381 (0.269)	0.031 (0.224)
No answer about education level	1.922*** (0.428)	1.623** (0.685)	0.289 (0.444)	0.317 (0.483)	1.842*** (0.342)	0.164 (0.500)	1.422*** (0.409)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.010 (0.140)	0.413** (0.168)	0.029 (0.078)	-0.010 (0.102)	0.099 (0.083)	-0.039 (0.114)	0.134 (0.100)
No answer about house property		0.098 (0.308)	-0.442* (0.268)	-0.499 (0.311)	0.039 (0.345)	0.007 (0.704)	-0.196 (0.520)
Housing area level							
Housing area \leq 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area \leq 90	0.211 (0.187)	0.177 (0.159)	0.104 (0.101)	0.185* (0.112)	0.126 (0.114)	0.154 (0.136)	0.128 (0.143)
90 < Housing area \leq 110	0.237 (0.212)	0.097 (0.188)	0.092 (0.123)	0.151 (0.133)	0.122 (0.133)	0.159 (0.149)	0.021 (0.160)
Housing area $>$ 110	0.386* (0.209)	0.156 (0.209)	0.151 (0.113)	0.118 (0.142)	0.174 (0.125)	0.129 (0.159)	0.014 (0.161)
No answer about housing area	0.205 (0.257)	0.034 (0.275)	0.062 (0.141)	0.270 (0.170)	0.119 (0.159)	-0.399* (0.206)	0.189 (0.214)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.250 (0.159)	-0.041 (0.153)	-0.031 (0.069)	-0.050 (0.085)	0.115 (0.089)	-0.009 (0.106)	0.065 (0.103)
No answer about car ownership	-1.878*** (0.403)	0.381 (0.574)	-0.054 (0.347)	-0.730 (0.672)	0.295 (0.326)	-1.211*** (0.452)	-0.331 (0.784)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.275 (0.219)	0.200 (0.173)	0.107 (0.096)	0.127 (0.108)	0.280** (0.119)	0.080 (0.119)	0.269** (0.135)
Exercise several times a month	0.751** (0.302)	-0.204 (0.274)	0.070 (0.104)	0.193 (0.136)	0.154 (0.131)	-0.073 (0.152)	0.262 (0.175)

Exercise several times a week	0.496** (0.211)	-0.136 (0.207)	0.200** (0.091)	0.072 (0.120)	0.303*** (0.112)	0.144 (0.127)	0.343** (0.140)
Exercise everyday	0.659*** (0.158)	0.134 (0.182)	0.124 (0.116)	0.267** (0.120)	0.362*** (0.112)	0.342** (0.133)	0.271** (0.130)
No answer about exercise	-0.605* (0.325)		0.312 (0.271)		0.060 (0.336)		-0.067 (0.296)
Neighborhood indicators (N_i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.237 (0.277)	0.136 (0.297)	0.173 (0.171)	0.408** (0.184)	-0.043 (0.169)	0.632*** (0.183)	-0.268 (0.275)
Affordable housing community	0.330 (0.448)	-0.784** (0.372)	-0.085 (0.293)	-0.142 (0.252)	0.392 (0.374)	0.034 (0.337)	0.113 (0.342)
Commercial community	0.137 (0.245)	0.094 (0.262)	0.068 (0.128)	0.178 (0.143)	-0.019 (0.137)	0.420*** (0.160)	-0.117 (0.188)
Senior residential community	-0.814 (0.497)	0.727 (0.532)	0.374 (0.595)	0.199 (0.275)	-0.001 (0.412)	0.392 (0.442)	-0.050 (0.464)
Community transformed from villages	0.199 (0.267)	-0.213 (0.309)	0.116 (0.140)	0.083 (0.171)	0.062 (0.157)	0.122 (0.182)	0.084 (0.193)
Other community type	1.212* (0.720)		-0.125 (0.257)	0.127 (0.487)	0.626 (0.475)	-0.203 (0.308)	0.628 (0.435)
Green and blue space indicators (K_i)							
Forests (1.5km)	1.507 (2.422)	-4.488 (3.741)	4.296 (3.218)	7.431** (2.921)	-1.059 (1.896)	2.616 (3.001)	2.183 (3.546)
Grassland (1.5km)	2.958 (2.786)	0.393 (2.906)	-0.017 (1.276)	0.174 (1.514)	0.425 (1.901)	2.023 (1.798)	0.225 (1.697)
Constant	3.773*** (0.980)	5.175*** (1.083)	4.225*** (0.722)	4.227*** (0.565)	5.004*** (0.441)	4.049*** (0.673)	4.920*** (0.536)
Observations	361	276	571	554	654	394	537
R-squared	0.333	0.466	0.275	0.371	0.337	0.400	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S11. Sensitivity test of coverage ratio of grassland and forest within 3km

<i>SRH_i</i>	Model 77	Model 78	Model 79	Model 80	Model 81	Model 82	Model 83
<i>Subgroups</i>	Old	Middle-aged	Youth	Male	Female	High-income	Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.022 (0.015)	-0.028*** (0.006)	-0.025*** (0.003)	-0.022*** (0.004)	-0.017*** (0.005)	-0.021*** (0.004)
Gender	-0.081 (0.139)	-0.145 (0.154)	0.076 (0.064)			0.111 (0.087)	-0.154 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.261 (0.478)	-0.645** (0.252)	0.023 (0.138)	-0.282* (0.156)	0.016 (0.180)	-0.097 (0.185)	-0.666** (0.292)
Divorced	0.391 (0.541)	-1.019** (0.402)	-0.001 (0.291)	-0.004 (0.266)	-0.209 (0.361)	0.102 (0.379)	-1.078*** (0.361)
Widowed	-0.185 (0.481)	-0.294 (0.343)	-0.689* (0.414)	-0.231 (0.314)	0.136 (0.244)	-0.266 (0.325)	-0.631* (0.361)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.653 (0.601)	0.525 (0.344)	0.151 (0.130)	0.487*** (0.157)	-0.005 (0.175)	0.311 (0.189)	0.329 (0.291)
No answer about children	0.737 (0.801)	0.554 (0.635)	0.186 (0.256)	0.758** (0.348)	0.349 (0.370)	-0.274 (0.338)	1.013** (0.413)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.290 (0.183)	0.426** (0.213)	0.117 (0.134)	-0.023 (0.167)	0.257** (0.107)		0.302*** (0.095)
30,000 < Income ≤ 50,000	0.194 (0.212)	0.584** (0.247)	0.080 (0.136)	0.181 (0.157)	-0.025 (0.129)	Reference	
50,000 < Income ≤ 100,000	0.471* (0.265)	0.775*** (0.285)	-0.044 (0.137)	0.138 (0.160)	0.016 (0.144)	0.061 (0.081)	
No answer about income	0.119 (0.192)	0.647*** (0.230)	0.040 (0.137)	0.037 (0.163)	0.172 (0.123)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.059 (0.203)	-0.330* (0.176)	0.041 (0.077)	-0.141 (0.102)	0.028 (0.096)	-0.269** (0.108)	0.058 (0.115)
Residence is unclear		0.490 (0.365)	-0.647 (0.632)	-0.818 (0.659)	0.201 (0.296)	-0.036 (0.440)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.063 (0.165)	0.343 (0.359)	0.469 (0.340)	-0.120 (0.199)	0.229 (0.167)	0.223 (0.273)	0.179 (0.165)
Senior high school	-0.112 (0.222)	0.334 (0.380)	0.360 (0.341)	-0.026 (0.207)	0.057 (0.191)	0.347 (0.272)	0.046 (0.191)
Junior college or above	-0.083 (0.307)	0.292 (0.390)	0.384 (0.339)	-0.071 (0.212)	0.165 (0.211)	0.480* (0.277)	0.030 (0.225)
No answer about education level	1.945*** (0.428)	1.518** (0.673)	0.268 (0.442)	0.300 (0.475)	1.861*** (0.341)	0.357 (0.546)	1.420*** (0.410)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.010 (0.140)	0.405** (0.167)	0.030 (0.079)	0.007 (0.102)	0.099 (0.083)	-0.022 (0.115)	0.135 (0.100)
No answer about house property		0.089 (0.319)	-0.406 (0.256)	-0.499 (0.309)	0.020 (0.353)	0.071 (0.727)	-0.181 (0.524)
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.184 (0.188)	0.185 (0.161)	0.109 (0.103)	0.167 (0.112)	0.128 (0.113)	0.132 (0.132)	0.125 (0.142)
90 < Housing area ≤ 110	0.235 (0.213)	0.111 (0.194)	0.093 (0.124)	0.140 (0.134)	0.124 (0.133)	0.159 (0.144)	0.025 (0.161)
Housing area > 110	0.391* (0.206)	0.119 (0.211)	0.146 (0.114)	0.107 (0.143)	0.177 (0.125)	0.133 (0.158)	0.019 (0.161)
No answer about housing area	0.203 (0.258)	0.071 (0.269)	0.070 (0.140)	0.260 (0.171)	0.123 (0.159)	-0.375* (0.204)	0.187 (0.215)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.274* (0.160)	-0.043 (0.152)	-0.034 (0.069)	-0.059 (0.085)	0.119 (0.089)	-0.024 (0.105)	0.067 (0.103)
No answer about car ownership	-1.846*** (0.399)	0.339 (0.589)	-0.030 (0.326)	-0.753 (0.676)	0.288 (0.336)	-1.217*** (0.453)	-0.327 (0.789)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.295 (0.219)	0.215 (0.175)	0.113 (0.097)	0.134 (0.109)	0.274** (0.118)	0.114 (0.119)	0.269** (0.134)
Exercise several times a month	0.765** (0.302)	-0.175 (0.283)	0.068 (0.106)	0.203 (0.139)	0.154 (0.130)	-0.051 (0.151)	0.271 (0.174)

Exercise several times a week	0.490** (0.212)	-0.132 (0.204)	0.197** (0.092)	0.058 (0.122)	0.303*** (0.112)	0.139 (0.127)	0.345** (0.140)
Exercise everyday	0.674*** (0.159)	0.136 (0.183)	0.122 (0.118)	0.274** (0.122)	0.361*** (0.113)	0.352*** (0.134)	0.271** (0.130)
No answer about exercise	-0.616* (0.327)		0.281 (0.272)		0.074 (0.350)		-0.070 (0.297)
Neighborhood indicators							
(N _i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.274 (0.268)	0.092 (0.294)	0.215 (0.184)	0.452** (0.190)	-0.062 (0.170)	0.633*** (0.181)	-0.259 (0.271)
Affordable housing community	0.347 (0.453)	-0.807** (0.381)	-0.082 (0.297)	-0.079 (0.247)	0.384 (0.378)	0.005 (0.335)	0.125 (0.343)
Commercial community	0.180 (0.242)	0.101 (0.269)	0.071 (0.132)	0.200 (0.145)	-0.018 (0.137)	0.434*** (0.163)	-0.106 (0.192)
Senior residential community	-0.794 (0.484)	0.795 (0.551)	0.308 (0.580)	0.146 (0.266)	0.014 (0.413)	0.343 (0.447)	-0.066 (0.465)
Community transformed from villages	0.151 (0.278)	-0.208 (0.313)	0.118 (0.144)	0.098 (0.169)	0.061 (0.162)	0.038 (0.175)	0.077 (0.198)
Other community type	1.159 (0.719)		-0.128 (0.246)	0.132 (0.445)	0.654 (0.470)	-0.172 (0.300)	0.607 (0.436)
Green and blue space indicators (K_i)							
Forests (3km)	4.457 (3.104)	-3.391 (4.362)	0.848 (1.680)	4.337* (2.290)	0.510 (2.142)	5.675* (2.952)	1.803 (2.906)
Grassland (3km)	2.569 (4.074)	1.001 (3.642)	-0.355 (1.354)	-0.425 (1.876)	-0.063 (1.736)	-1.146 (2.464)	0.374 (1.977)
Constant	3.103*** (1.125)	5.171*** (1.171)	4.595*** (0.742)	4.024*** (0.694)	4.777*** (0.550)	3.098*** (0.975)	4.740*** (0.746)
Observations	361	276	571	554	654	394	537
R-squared	0.334	0.465	0.267	0.362	0.337	0.402	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S12. Sensitivity test of the coverage ratio of parks within 3km

<i>SRH_i</i> (Subgroups)	Model 84 Old	Model 85 Middle-aged	Model 86 Youth	Model 87 Male	Model 88 Female	Model 89 High-income	Model 90 Low-income
<i>Demographic and Socio-economic indicators (D_i)</i>							
Age	-0.023** (0.009)	-0.022 (0.015)	-0.029*** (0.006)	-0.024*** (0.003)	-0.022*** (0.004)	-0.016*** (0.005)	-0.021*** (0.004)
Gender	-0.093 (0.139)	-0.149 (0.152)	0.076 (0.064)			0.108 (0.087)	-0.154 (0.104)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.364 (0.473)	-0.629*** (0.242)	0.025 (0.137)	-0.292* (0.157)	0.017 (0.181)	-0.107 (0.184)	-0.676** (0.291)
Divorced	0.232 (0.546)	-0.992** (0.395)	-0.005 (0.288)	-0.032 (0.268)	-0.206 (0.360)	0.090 (0.381)	-1.090*** (0.365)
Widowed	-0.241 (0.482)	-0.277 (0.335)	-0.667 (0.410)	-0.235 (0.315)	0.145 (0.244)	-0.228 (0.322)	-0.641* (0.359)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.736 (0.578)	0.536 (0.347)	0.152 (0.130)	0.473*** (0.159)	-0.002 (0.175)	0.302 (0.188)	0.335 (0.291)
No answer about children	0.555 (0.812)	0.585 (0.636)	0.188 (0.252)	0.735** (0.355)	0.284 (0.352)	-0.337 (0.337)	1.018** (0.411)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.284 (0.180)	0.418* (0.215)	0.116 (0.133)	-0.011 (0.167)	0.257** (0.106)		0.301*** (0.095)
30,000 < Income ≤ 50,000	0.182 (0.212)	0.570** (0.248)	0.082 (0.134)	0.181 (0.157)	-0.029 (0.128)	Reference	
50,000 < Income ≤ 100,000	0.459* (0.266)	0.759*** (0.286)	-0.044 (0.135)	0.139 (0.160)	0.018 (0.143)	0.059 (0.082)	
No answer about income	0.123 (0.192)	0.611*** (0.232)	0.045 (0.135)	0.046 (0.163)	0.154 (0.122)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.043 (0.205)	-0.321* (0.172)	0.037 (0.078)	-0.141 (0.101)	0.043 (0.096)	-0.276** (0.108)	0.059 (0.115)
Residence is unclear		0.490 (0.360)	-0.652 (0.637)	-0.833 (0.670)	0.201 (0.295)	-0.080 (0.455)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.049 (0.165)	0.363 (0.384)	0.479 (0.348)	-0.119 (0.201)	0.223 (0.167)	0.175 (0.268)	0.179 (0.165)
Senior high school	-0.091 (0.224)	0.374 (0.409)	0.369 (0.349)	-0.014 (0.208)	0.042 (0.190)	0.299 (0.267)	0.046 (0.191)
Junior college or above	-0.073 (0.309)	0.319 (0.411)	0.388 (0.346)	-0.049 (0.213)	0.160 (0.211)	0.436 (0.271)	0.027 (0.225)
No answer about education level	1.857*** (0.433)	1.721** (0.689)	0.255 (0.448)	0.269 (0.451)	1.786*** (0.347)	0.185 (0.483)	1.416*** (0.406)
Housing property							
Do not own a house	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a house	-0.003 (0.143)	0.385** (0.164)	0.033 (0.080)	0.010 (0.102)	0.096 (0.083)	-0.022 (0.114)	0.135 (0.101)
No answer about house property		0.057 (0.302)	-0.400 (0.257)	-0.504 (0.316)	0.003 (0.351)	0.077 (0.692)	-0.177 (0.524)
Housing area level							
Housing area ≤ 71	Reference	Reference	Reference	Reference	Reference	Reference	Reference
71 < Housing area ≤ 90	0.218 (0.185)	0.190 (0.158)	0.109 (0.103)	0.167 (0.111)	0.130 (0.114)	0.152 (0.134)	0.124 (0.142)
90 < Housing area ≤ 110	0.247 (0.212)	0.123 (0.195)	0.092 (0.124)	0.129 (0.134)	0.117 (0.132)	0.159 (0.146)	0.019 (0.161)
Housing area > 110	0.403* (0.208)	0.127 (0.211)	0.144 (0.113)	0.112 (0.143)	0.173 (0.124)	0.126 (0.159)	0.010 (0.163)
No answer about housing area	0.238 (0.259)	0.086 (0.273)	0.060 (0.142)	0.258 (0.175)	0.134 (0.160)	-0.393* (0.203)	0.185 (0.216)
Family car							
Do not own a car	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Own a car	0.234 (0.155)	-0.033 (0.150)	-0.030 (0.069)	-0.062 (0.085)	0.117 (0.089)	-0.013 (0.105)	0.062 (0.102)
No answer about car ownership	-1.829*** (0.415)	0.380 (0.579)	-0.025 (0.321)	-0.746 (0.685)	0.293 (0.336)	-1.168*** (0.430)	-0.335 (0.787)
Exercise frequency							
Never exercise	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Exercise several times a year	0.257 (0.219)	0.209 (0.175)	0.113 (0.096)	0.134 (0.109)	0.266** (0.118)	0.096 (0.118)	0.268** (0.135)
Exercise several times a month	0.747** (0.306)	-0.194 (0.278)	0.061 (0.105)	0.176 (0.138)	0.166 (0.130)	-0.080 (0.151)	0.265 (0.176)

Exercise several times a week	0.495** (0.213)	-0.128 (0.207)	0.197** (0.091)	0.056 (0.122)	0.299*** (0.112)	0.135 (0.127)	0.343** (0.140)
Exercise everyday	0.634*** (0.160)	0.123 (0.180)	0.124 (0.118)	0.263** (0.122)	0.354*** (0.112)	0.330** (0.136)	0.269** (0.129)
No answer about exercise	-0.593* (0.328)		0.252 (0.271)		0.086 (0.361)		-0.066 (0.296)
Neighborhood indicators (N_i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.290 (0.270)	0.072 (0.282)	0.215 (0.184)	0.440** (0.191)	-0.067 (0.170)	0.645*** (0.184)	-0.274 (0.271)
Affordable housing community	0.377 (0.442)	-0.794** (0.375)	-0.068 (0.298)	-0.096 (0.246)	0.378 (0.376)	0.039 (0.331)	0.124 (0.341)
Commercial community	0.142 (0.242)	0.091 (0.262)	0.067 (0.131)	0.184 (0.145)	-0.030 (0.137)	0.412** (0.162)	-0.119 (0.188)
Senior residential community	-0.844 (0.519)	0.729 (0.543)	0.307 (0.564)	0.147 (0.266)	-0.022 (0.425)	0.348 (0.442)	-0.043 (0.464)
Community transformed from villages	0.235 (0.265)	-0.219 (0.309)	0.124 (0.141)	0.103 (0.169)	0.047 (0.155)	0.078 (0.172)	0.091 (0.192)
Other community type	1.175 (0.720)			-0.114 (0.237)	0.159 (0.449)	0.681 (0.467)	-0.158 (0.318)
Green and blue space indicators (K_i)							
Parks (3km)	-7.775 (7.336)	-2.293 (6.727)	1.652 (3.033)	-3.013 (3.347)	-5.311 (3.282)	-2.197 (4.316)	-0.224 (8.785)
Constant	4.130*** (0.956)	4.575*** (0.944)	4.733*** (0.626)	4.853*** (0.521)	4.983*** (0.377)	4.261*** (0.633)	5.104*** (0.462)
Observations	361	276	571	554	654	394	537
R-squared	0.331	0.463	0.268	0.359	0.339	0.396	0.357
Townships	YES						
Months	YES						

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table S13. Sensitivity test of the coverage ratio of parks and the number of parks within 1km

<i>SRH_i</i> (Subgroups)	Model 91 Old	Model 92 Middle-aged	Model 93 Youth	Model 94 Male	Model 95 Female	Model 96 High-income	Model 97 Low-income
Demographic and Socio-economic indicators (D_i)							
Age	-0.023** (0.009)	-0.022 (0.015)	-0.028*** (0.006)	-0.025*** (0.003)	-0.021*** (0.004)	-0.017*** (0.005)	-0.021*** (0.004)
Gender	-0.092 (0.139)	-0.146 (0.154)	0.075 (0.064)			0.112 (0.087)	-0.154 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.406 (0.473)	-0.635*** (0.241)	0.024 (0.137)	-0.289* (0.157)	0.023 (0.179)	-0.107 (0.181)	-0.614** (0.292)
Divorced	0.187 (0.552)	-1.002** (0.405)	-0.002 (0.289)	0.009 (0.267)	-0.181 (0.358)	0.111 (0.381)	-1.003*** (0.371)
Widowed	-0.290 (0.480)	-0.283 (0.335)	-0.690* (0.410)	-0.231 (0.315)	0.139 (0.243)	-0.239 (0.317)	-0.586 (0.361)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.743 (0.573)	0.545 (0.347)	0.149 (0.130)	0.473*** (0.159)	-0.004 (0.175)	0.307 (0.188)	0.284 (0.290)
No answer about children	0.638 (0.791)	0.586 (0.616)	0.219 (0.262)	0.718** (0.360)	0.353 (0.361)	-0.239 (0.358)	0.963** (0.403)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.278 (0.180)	0.415* (0.216)	0.115 (0.134)	-0.009 (0.168)	0.260** (0.107)		0.307*** (0.095)
30,000 < Income ≤ 50,000	0.163 (0.216)	0.572** (0.253)	0.080 (0.135)	0.182 (0.157)	-0.025 (0.130)	Reference	
50,000 < Income ≤ 100,000	0.456* (0.264)	0.758*** (0.290)	-0.047 (0.135)	0.143 (0.160)	0.013 (0.142)	0.056 (0.081)	
No answer about income	0.133 (0.189)	0.610** (0.235)	0.040 (0.137)	0.051 (0.163)	0.172 (0.122)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.061 (0.205)	-0.333* (0.170)	0.040 (0.078)	-0.145 (0.102)	0.031 (0.095)	-0.281** (0.109)	0.046 (0.115)
Residence is unclear		0.479 (0.364)	-0.661 (0.639)	-0.849 (0.672)	0.187 (0.298)	-0.093 (0.460)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.074	0.368	0.487	-0.117	0.223	0.193	0.182
	(0.164)	(0.385)	(0.349)	(0.202)	(0.166)	(0.269)	(0.163)
Senior high school	-0.088	0.378	0.376	-0.023	0.050	0.316	0.058
	(0.223)	(0.407)	(0.349)	(0.210)	(0.190)	(0.270)	(0.189)
Junior college or above	-0.054	0.330	0.403	-0.055	0.168	0.450*	0.068
	(0.308)	(0.417)	(0.346)	(0.214)	(0.211)	(0.271)	(0.224)
No answer about education level	1.874***	1.678**	0.277	0.241	1.839***	0.227	1.425***
	(0.429)	(0.687)	(0.446)	(0.455)	(0.341)	(0.508)	(0.408)
Housing property							
Do not own a house	Reference						
Own a house	-0.005	0.384**	0.031	0.005	0.090	-0.023	0.132
	(0.140)	(0.169)	(0.079)	(0.102)	(0.084)	(0.114)	(0.100)
No answer about house property		0.068	-0.400	-0.514	0.016	0.031	-0.202
		(0.326)	(0.254)	(0.313)	(0.345)	(0.677)	(0.526)
Housing area level							
Housing area ≤ 71	Reference						
71 < Housing area ≤ 90	0.233	0.200	0.107	0.167	0.129	0.161	0.116
	(0.187)	(0.159)	(0.103)	(0.112)	(0.114)	(0.133)	(0.142)
90 < Housing area ≤ 110	0.249	0.136	0.089	0.129	0.121	0.164	0.019
	(0.213)	(0.191)	(0.123)	(0.136)	(0.133)	(0.147)	(0.161)
Housing area > 110	0.417**	0.137	0.143	0.108	0.181	0.140	0.017
	(0.209)	(0.207)	(0.113)	(0.144)	(0.125)	(0.161)	(0.162)
No answer about housing area	0.246	0.097	0.071	0.242	0.134	-0.400**	0.200
	(0.261)	(0.287)	(0.140)	(0.174)	(0.162)	(0.203)	(0.219)
Family car							
Do not own a car	Reference						
Own a car	0.253	-0.040	-0.034	-0.058	0.116	-0.015	0.054
	(0.158)	(0.152)	(0.069)	(0.085)	(0.089)	(0.106)	(0.103)
No answer about car ownership	-1.800***	0.374	-0.031	-0.737	0.249	-1.141***	-0.336
	(0.414)	(0.575)	(0.326)	(0.681)	(0.329)	(0.426)	(0.791)
Exercise frequency							
Never exercise	Reference						
Exercise several times a year	0.244	0.204	0.111	0.133	0.270**	0.086	0.258*
	(0.223)	(0.172)	(0.097)	(0.109)	(0.119)	(0.123)	(0.134)
Exercise several times a month	0.726**	-0.195	0.067	0.184	0.163	-0.088	0.256
	(0.305)	(0.275)	(0.107)	(0.139)	(0.132)	(0.153)	(0.174)

Exercise several times a week	0.499** (0.211)	-0.130 (0.211)	0.199** (0.093)	0.059 (0.123)	0.312*** (0.113)	0.123 (0.132)	0.349** (0.141)
Exercise everyday	0.645*** (0.160)	0.127 (0.182)	0.125 (0.118)	0.269** (0.123)	0.357*** (0.112)	0.332** (0.136)	0.273** (0.130)
No answer about exercise	-0.577* (0.325)		0.231 (0.268)		0.042 (0.340)		-0.054 (0.300)
Neighborhood indicators (N_i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.239 (0.270)	0.084 (0.288)	0.217 (0.183)	0.434** (0.191)	-0.063 (0.170)	0.659*** (0.188)	-0.265 (0.273)
Affordable housing community	0.373 (0.430)	-0.797** (0.379)	-0.098 (0.306)	-0.089 (0.249)	0.373 (0.373)	0.058 (0.334)	0.121 (0.337)
Commercial community	0.156 (0.247)	0.091 (0.263)	0.063 (0.132)	0.184 (0.145)	-0.030 (0.137)	0.437*** (0.164)	-0.119 (0.186)
Senior residential community	-0.739 (0.473)	0.726 (0.543)	0.296 (0.578)	0.174 (0.275)	-0.004 (0.413)	0.387 (0.446)	-0.062 (0.460)
Community transformed from villages	0.315 (0.268)	-0.209 (0.310)	0.121 (0.141)	0.104 (0.170)	0.061 (0.155)	0.114 (0.179)	0.077 (0.192)
Other community type	1.255* (0.713)		-0.148 (0.252)	0.168 (0.453)	0.612 (0.479)	0.004 (0.366)	0.631 (0.432)
Green and blue space indicators (K_i)							
Parks (1km)	4.316 (3.108)	0.581 (2.647)	0.741 (1.282)	-0.534 (1.547)	0.970 (1.444)	0.094 (1.884)	0.796 (1.786)
Number of Parks (1km)	-0.082 (0.309)	0.044 (0.270)	-0.010 (0.130)	0.052 (0.169)	0.144 (0.174)	-0.179 (0.226)	0.320 (0.274)
Constant	3.988*** (0.936)	4.572*** (0.949)	4.738*** (0.625)	4.801*** (0.522)	4.885*** (0.372)	4.166*** (0.629)	5.074*** (0.454)
Observations	361	276	571	554	654	394	537
R-squared	0.334	0.463	0.268	0.358	0.338	0.397	0.359
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1

Table S14. Sensitivity test of the coverage ratio of parks and the number of parks within 1.5km

<i>SRH_i</i> (Subgroups)	Model 98 Old	Model 99 Middle-aged	Model 100 Youth	Model 101 Male	Model 102 Female	Model 103 High-income	Model 104 Low-income
Demographic and Socio-economic indicators (<i>D_i</i>)							
Age	-0.023** (0.009)	-0.023 (0.014)	-0.028*** (0.006)	-0.025*** (0.003)	-0.021*** (0.004)	-0.017*** (0.005)	-0.021*** (0.004)
Gender	-0.079 (0.139)	-0.133 (0.150)	0.075 (0.064)			0.108 (0.087)	-0.151 (0.103)
Marital status							
Unmarried	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Married	-0.362 (0.471)	-0.592** (0.235)	0.025 (0.138)	-0.278* (0.159)	0.016 (0.179)	-0.099 (0.183)	-0.678** (0.288)
Divorced	0.226 (0.558)	-0.986*** (0.366)	-0.013 (0.292)	-0.010 (0.268)	-0.218 (0.358)	0.120 (0.370)	-1.118*** (0.354)
Widowed	-0.237 (0.478)	-0.242 (0.329)	-0.691* (0.409)	-0.216 (0.316)	0.136 (0.243)	-0.210 (0.323)	-0.639* (0.357)
Children							
No children	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Have children	0.710 (0.587)	0.526 (0.320)	0.146 (0.131)	0.466*** (0.163)	-0.003 (0.174)	0.306 (0.190)	0.328 (0.288)
No answer about children	0.666 (0.802)	0.652 (0.589)	0.198 (0.261)	0.722** (0.339)	0.350 (0.365)	-0.300 (0.335)	1.016** (0.415)
Income level							
0 ≤ Income ≤ 5000	Reference	Reference	Reference	Reference	Reference		Reference
5000 < Income ≤ 30,000	0.271 (0.181)	0.398* (0.214)	0.109 (0.134)	-0.012 (0.168)	0.258** (0.106)		0.298*** (0.094)
30,000 < Income ≤ 50,000	0.173 (0.213)	0.573** (0.249)	0.072 (0.136)	0.180 (0.156)	-0.022 (0.129)	Reference	
50,000 < Income ≤ 100,000	0.468* (0.264)	0.739** (0.285)	-0.048 (0.135)	0.136 (0.159)	0.016 (0.143)	0.061 (0.082)	
No answer about income	0.148 (0.189)	0.609** (0.236)	0.037 (0.137)	0.047 (0.162)	0.178 (0.123)		
Household registration							
Agricultural residence	Reference	Reference	Reference	Reference	Reference	Reference	Reference
Non-agricultural residence	0.049 (0.206)	-0.319* (0.172)	0.036 (0.078)	-0.139 (0.101)	0.027 (0.096)	-0.279** (0.109)	0.051 (0.115)
Residence is unclear		0.456 (0.367)	-0.635 (0.652)	-0.795 (0.693)	0.199 (0.295)	-0.086 (0.458)	
Education level							
Uneducated	Reference	Reference	Reference	Reference	Reference	Reference	Reference

Primary or junior high school	0.076	0.385	0.468	-0.119	0.228	0.182	0.186
	(0.168)	(0.387)	(0.343)	(0.206)	(0.168)	(0.270)	(0.164)
Senior high school	-0.087	0.381	0.356	-0.028	0.059	0.295	0.061
	(0.226)	(0.407)	(0.344)	(0.212)	(0.192)	(0.271)	(0.191)
Junior college or above	-0.067	0.342	0.377	-0.076	0.168	0.431	0.034
	(0.316)	(0.416)	(0.341)	(0.218)	(0.212)	(0.273)	(0.226)
No answer about education level	1.859***	1.616**	0.225	0.212	1.825***	0.167	1.428***
	(0.430)	(0.698)	(0.447)	(0.461)	(0.347)	(0.494)	(0.412)
Housing property							
Do not own a house	Reference						
Own a house	-0.011	0.368**	0.033	0.010	0.100	-0.028	0.136
	(0.140)	(0.162)	(0.079)	(0.102)	(0.083)	(0.114)	(0.100)
No answer about house property		0.034	-0.395	-0.492*	0.023	0.032	-0.178
		(0.322)	(0.251)	(0.295)	(0.353)	(0.675)	(0.533)
Housing area level							
Housing area ≤ 71	Reference						
71 < Housing area ≤ 90	0.224	0.193	0.109	0.175	0.129	0.148	0.131
	(0.187)	(0.161)	(0.103)	(0.112)	(0.114)	(0.134)	(0.142)
90 < Housing area ≤ 110	0.253	0.110	0.093	0.133	0.125	0.156	0.027
	(0.213)	(0.191)	(0.123)	(0.133)	(0.133)	(0.146)	(0.161)
Housing area > 110	0.412**	0.133	0.144	0.119	0.176	0.132	0.026
	(0.210)	(0.208)	(0.113)	(0.143)	(0.125)	(0.160)	(0.163)
No answer about housing area	0.222	0.090	0.062	0.259	0.125	-0.412**	0.212
	(0.260)	(0.267)	(0.140)	(0.174)	(0.162)	(0.206)	(0.219)
Family car							
Do not own a car	Reference						
Own a car	0.258	-0.040	-0.034	-0.058	0.116	-0.011	0.062
	(0.156)	(0.151)	(0.069)	(0.084)	(0.089)	(0.105)	(0.103)
No answer about car ownership	-1.809***	0.360	-0.029	-0.726	0.288	-1.133***	-0.353
	(0.407)	(0.573)	(0.318)	(0.680)	(0.336)	(0.423)	(0.785)
Exercise frequency							
Never exercise	Reference						
Exercise several times a year	0.259	0.195	0.116	0.150	0.274**	0.107	0.268**
	(0.222)	(0.172)	(0.097)	(0.109)	(0.118)	(0.120)	(0.135)
Exercise several times a month	0.742**	-0.178	0.066	0.188	0.155	-0.074	0.254
	(0.306)	(0.270)	(0.105)	(0.139)	(0.132)	(0.152)	(0.175)

Exercise several times a week	0.509** (0.212)	-0.117 (0.205)	0.200** (0.091)	0.066 (0.121)	0.305*** (0.113)	0.140 (0.128)	0.351** (0.141)
Exercise everyday	0.656*** (0.160)	0.135 (0.180)	0.124 (0.118)	0.275** (0.123)	0.360*** (0.112)	0.343** (0.136)	0.276** (0.130)
No answer about exercise	-0.574* (0.324)		0.261 (0.266)		0.055 (0.342)		-0.036 (0.300)
Neighborhood indicators (N_i)							
Community type							
Inner-city community	Reference						
Welfare housing community	0.270 (0.277)	0.085 (0.288)	0.224 (0.184)	0.440** (0.192)	-0.068 (0.173)	0.644*** (0.187)	-0.270 (0.275)
Affordable housing community	0.365 (0.433)	-0.743* (0.386)	-0.089 (0.303)	-0.115 (0.249)	0.381 (0.372)	0.052 (0.342)	0.105 (0.340)
Commercial community	0.140 (0.247)	0.077 (0.264)	0.064 (0.133)	0.187 (0.145)	-0.023 (0.138)	0.418** (0.162)	-0.124 (0.189)
Senior residential community	-0.735 (0.475)	0.665 (0.536)	0.290 (0.574)	0.172 (0.282)	0.016 (0.414)	0.367 (0.444)	-0.114 (0.466)
Community transformed from villages	0.289 (0.268)	-0.213 (0.317)	0.123 (0.142)	0.093 (0.172)	0.058 (0.157)	0.077 (0.173)	0.096 (0.193)
Other community type	1.185* (0.711)		-0.144 (0.247)	0.189 (0.432)	0.649 (0.478)	-0.108 (0.313)	0.612 (0.436)
Green and blue space indicators (K_i)							
Parks (1.5km)	4.668 (4.113)	-2.431 (3.713)	0.588 (1.892)	-2.030 (2.360)	0.553 (2.118)	-1.216 (3.293)	1.776 (2.265)
Number of parks (1.5km)	-0.039 (0.121)	0.164 (0.103)	0.031 (0.054)	0.118* (0.071)	-0.037 (0.067)	0.034 (0.072)	0.024 (0.081)
Constant	4.038*** (0.970)	4.296*** (0.946)	4.745*** (0.636)	4.609*** (0.535)	4.916*** (0.373)	4.143*** (0.644)	5.054*** (0.464)
Observations	361	276	571	554	654	394	537
R-squared	0.332	0.469	0.268	0.362	0.337	0.396	0.358
Townships	YES						
Months	YES						

Robust standard errors in parentheses

*** p<0.01, ** p<0.05, * p<0.1