

1 Appendix A: Search Strategies

2 3.1 Full search strategies

3
4

5 A.1.: Database: Ovid MEDLINE ALL

6 Interface / URL: OvidSP

7 Database coverage dates: 1946 to June 26, 2019

8 Search date: 28 June 2019

9 Retrieved records: 8481

10 Search strategy:

11

12 1 agriculture/ or cemeteries/ or desert climate/ or ecosystem/ 111895

13 2 farms/ or exp forests/ or gardening/ or gardens/ 10098

14 3 golf/ or parks, recreational/ or grassland/ or exp Coniferophyta/ or flowers/ or wetlands/ or
15 exp plants/ or exp soil/ or biodiversity/ 802872

16 4 or/1-3 872144

17 5 Mental Health/ 34245

18 6 mental disorders/ or exp anxiety disorders/ or exp "bipolar and related disorders"/ or exp
19 "disruptive, impulse control, and conduct disorders"/ or exp dissociative disorders/ or exp
20 elimination disorders/ or exp "feeding and eating disorders"/ or exp mood disorders/ or motor
21 disorders/ or exp neurocognitive disorders/ or exp neurodevelopmental disorders/ or neurotic
22 disorders/ or exp paraphilic disorders/ or exp personality disorders/ or exp "schizophrenia spectrum
23 and other psychotic disorders"/ or exp sexual dysfunctions, psychological/ or exp sleep wake
24 disorders/ or exp somatoform disorders/ or exp "trauma and stressor related disorders"/ or mentally
25 ill persons/ 1013834

26 7 quality-adjusted life years/ or "quality of life"/ or "value of life"/ 191164

27 8 aggression/ or delusions/ or depersonalization/ or depression/ or exp stress, psychological/ or
28 mental fatigue/ or problem behavior/ or exp self-injurious behavior/ or anxiety/ 362236

29 9 or/5-8 1436225

30 10 4 and 9 8843

31 11 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
32 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
33 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
34 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
35 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
36 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
37 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
38 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or



39 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
40 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
41 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
42 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
43 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
44 landscapes or naturebased or (nature adj based))) adj5 ((mental\$ or psychological\$ or psychiatric)
45 adj3 (fatigue\$ or disease\$ or disorder\$ or illness\$ or diagnos\$ or wellbeing or well-being or hygiene
46 or satisf\$ or stress\$ or wellness\$ or resilien\$)).ti,ab,kf. 170

47 12 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
48 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
49 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
50 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
51 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
52 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
53 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
54 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
55 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
56 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
57 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
58 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
59 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
60 landscapes or naturebased or (nature adj based))) adj5 ((mental or psychological or psychiatric or
61 "self-reported" or promot\$) adj health)).ti,ab,kf. 455

62 13 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
63 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
64 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
65 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
66 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
67 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
68 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
69 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
70 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
71 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
72 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
73 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
74 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
75 landscapes or naturebased or (nature adj based))) adj5 (wellbeing or well-being)).ti,ab,kf. 388

76 14 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
77 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
78 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
79 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
80 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
81 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
82 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
83 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or



84 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
85 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
86 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
87 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
88 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
89 landscapes or naturebased or (nature adj based))) adj5 (mentally ill or mentally unwell)).ti,ab,kf.

90 4

91 15 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
92 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
93 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
94 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
95 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
96 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
97 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
98 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
99 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
100 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
101 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
102 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
103 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
104 landscapes or naturebased or (nature adj based))) adj5 ((psychological\$ or psychiatric or
105 psychotherapeutic) adj3 (impact\$ or outcome\$1 or effect\$1 or benefit\$ or value\$)).ti,ab,kf. 35

106 16 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
107 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
108 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
109 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
110 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
111 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
112 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
113 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
114 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
115 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
116 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
117 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
118 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
119 landscapes or naturebased or (nature adj based))) adj5 (behavio?r\$ adj (problem\$ or disorder\$1 or
120 illness\$1 or disease\$1)).ti,ab,kf. 12

121 17 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
122 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
123 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
124 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
125 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
126 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
127 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
128 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or



129 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
130 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
131 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
132 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
133 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
134 landscapes or naturebased or (nature adj based))) adj5 (quality of life or quality adjusted life or QOL
135 or QALY or QALYs or HRQOL)).ti,ab,kf. 235

136 18 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
137 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
138 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
139 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
140 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
141 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
142 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
143 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
144 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
145 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
146 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
147 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
148 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
149 landscapes or naturebased or (nature adj based))) adj5 (disability adjusted life or DALY or
150 DALYS)).ti,ab,kf. 9

151 19 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
152 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
153 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
154 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
155 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
156 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
157 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
158 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
159 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
160 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
161 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
162 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
163 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
164 landscapes or naturebased or (nature adj based))) adj5 (utility adj3 (score\$1 or valu\$ or health\$ or
165 cost\$ or measur\$ or disease\$ or mean or gain or gains or index\$))).ti,ab,kf. 46

166 20 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
167 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
168 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
169 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
170 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
171 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
172 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
173 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or



174 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
175 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
176 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
177 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
178 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
179 landscapes or naturebased or (nature adj based))) adj5 (health state utilit\$ or utilities or
180 HSUV\$1)).ti,ab,kf. 71

181 21 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
182 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
183 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
184 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
185 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
186 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
187 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
188 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
189 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
190 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
191 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
192 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
193 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
194 landscapes or naturebased or (nature adj based))) adj5 (adhd or attention deficit or
195 hyperactiv\$)).ti,ab,kf. 104

196 22 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
197 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
198 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
199 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
200 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
201 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
202 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
203 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
204 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
205 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
206 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
207 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
208 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
209 landscapes or naturebased or (nature adj based))) adj5 (aggression or aggressive\$ or aggressivity or
210 dement\$ or amentia\$ or senile or senility or presenile or presenility or alzheimer\$)).ti,ab,kf. 662

211 23 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
212 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
213 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
214 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
215 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
216 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
217 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
218 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or



219 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
220 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
221 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
222 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
223 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
224 landscapes or naturebased or (nature adj based))) adj5 ((cognitiv\$ or cognition or neurocognit\$ or
225 mental) adj3 (declin\$ or dysfunction\$ or impair\$ or disorder\$ or deteriorat\$ or function))).ti,ab,kf.
226 144

227 24 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
228 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
229 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
230 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
231 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
232 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
233 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
234 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
235 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
236 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
237 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
238 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
239 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
240 landscapes or naturebased or (nature adj based))) adj5 (neurodegenerative adj (illness\$ or disorder\$
241 or disease\$))).ti,ab,kf. 103

242 25 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
243 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
244 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
245 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
246 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
247 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
248 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
249 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
250 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
251 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
252 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
253 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
254 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
255 landscapes or naturebased or (nature adj based))) adj5 ((affective or body dysmorphic or
256 cyclothymic or deficit or depersonalization or depersonalisation or depressive or developmental or
257 dissociative or dysthymic or emotional or factitious or mood or obsessive-compulsive or panic or
258 sleep\$) adj disorder\$1)).ti,ab,kf. 62

259 26 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
260 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
261 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
262 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
263 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common



264 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
265 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
266 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
267 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
268 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
269 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
270 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
271 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
272 landscapes or naturebased or (nature adj based))) adj5 (depression or depressive illness\$ or anxiety
273 or anxieties or anxious\$ or agoraphobi\$ or phobia\$ or phobic or amnesia or autism or autistic or
274 bipolar or bi-polar or manic depressive or mania)).ti,ab,kf. 815

275 27 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
276 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
277 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
278 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
279 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
280 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
281 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
282 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
283 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
284 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
285 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
286 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
287 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
288 landscapes or naturebased or (nature adj based))) adj5 (bore\$ out or boreout\$ or brown\$ out or
289 brownout\$ or burn\$ out or burnout\$)).ti,ab,kf. 20

290 28 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
291 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
292 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
293 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
294 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
295 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
296 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
297 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
298 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
299 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
300 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
301 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
302 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
303 landscapes or naturebased or (nature adj based))) adj5 (emotional adj3 (wellbeing or well-being or
304 regulat\$)).ti,ab,kf. 5

305 29 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
306 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
307 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
308 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan



309 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
310 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
311 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
312 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
313 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
314 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
315 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
316 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
317 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
318 landscapes or naturebased or (nature adj based))) adj5 (happiness or peace of mind or serenity or
319 relaxing or relaxation or attention restoration or restorative or restorativeness)).ti,ab,kf. 463

320 30 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
321 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
322 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
323 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
324 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
325 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
326 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
327 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
328 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
329 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
330 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
331 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
332 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
333 landscapes or naturebased or (nature adj based))) adj5 (insomnia or insomniac\$ or sleep quality or
334 somatisation or somatization or somatoform or mental aging)).ti,ab,kf. 50

335 31 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
336 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
337 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
338 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
339 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
340 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
341 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
342 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
343 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
344 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
345 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
346 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
347 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
348 landscapes or naturebased or (nature adj based))) adj5 ((belonging\$ or coherence) adj3
349 sense)).ti,ab,kf. 2

350 32 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
351 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
352 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
353 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan



354 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
 355 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
 356 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
 357 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
 358 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
 359 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
 360 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
 361 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
 362 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
 363 landscapes or naturebased or (nature adj based))) adj5 (subjective wellbeing or subjective well-being
 364 or vitality or paranoia or psychosis or psychotic or schizophreni\$ or suicide\$ or suicidal)).ti,ab,kf.
 365 441

366 33 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
 367 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
 368 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
 369 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
 370 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
 371 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
 372 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
 373 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
 374 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
 375 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
 376 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
 377 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
 378 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
 379 landscapes or naturebased or (nature adj based))) adj5 (stress adj3 (disorder\$1 or illness\$ or
 380 trauma\$ or posttrauma\$ or acute or chronic\$ or episod\$ or emotional or occupational or
 381 psychologic\$ or recover\$ or reduc\$)).ti,ab,kf. 550

382 34 (((green adj5 (space\$ or area\$1 or zone\$1 or corridor\$ or connector\$ or environment\$1 or
 383 architecture\$ or infrastructure\$ or design\$)) or greenspace\$ or (green adj5 (urban\$ or
 384 neighbourhood\$ or neighborhood\$ or community or communities or city or cities or town or towns
 385 or suburb\$ or semiurban or periurban or semisuburban or residential or municipal or metropolitan
 386 or metropolis\$)) or (agriculture or agricultural or allotment\$1 or bioswale or cemeteries or common
 387 land\$1 or country side or ecosystem or garden or gardens or gardening or golfcourse\$1 or golf
 388 course\$1) or (habitat\$1 or horticultur\$ or park or parks or parkland or permaculture or play area\$1
 389 or prairie\$1 or savannah) or (balcony or balconies or bush or bushes or bushland or canopy or
 390 canopies or climbing or conifer\$1 or copse\$1 or dune or dunes or evergreen\$1 or fields or flower\$ or
 391 foliage or grass or grasses or grassland\$1 or hedge or hedges or hedging) or (herb or herbs or lawn
 392 or lawns or mangrove\$1 or meadow or meadows or meadowland or chard\$1 or plant or plants or
 393 rock or rocks or rocky or shrub or shrubs or shrubland or tree or trees or vegetation or verdure or
 394 wood or woods or woodland) or (biodiversity or biodiverse or biome or ecotone) or (landscape or
 395 landscapes or naturebased or (nature adj based))) adj5 salutogenetic\$).ti,ab,kf. 0

396 35 or/11-34 4598

397 36 10 or 35 13125



398 37 exp animals/ not humans/ 4593622
399 38 (news or comment or editorial or letter or case reports).pt. 3739436
400 39 36 not (37 or 38) 9512
401 40 limit 39 to english language 8481

402
403 **A.2.: Database: Scopus**
404 Interface / URL: <https://www-scopus-com>.
405 Database coverage dates: N/A
406 Search date: 28 June 2019
407 Retrieved records: 5824
408 Search strategy:

409
410 ((TITLE-ABS-
411 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
412 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
413 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
414 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
415 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
416 OR bioswale OR cemeteries OR "common land*" OR "country
417 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
418 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
419 "play
420 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
421 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
422 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
423 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
424 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
425 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
426 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
427 pes OR naturebased OR (nature W/0 based))) W/5 ((mental* OR psychological* OR psychia
428 tric) W/3 (fatigue* OR disease* OR disorder* OR illness* OR diagnos* OR wellbeing OR well-
429 being OR hygiene OR satisf* OR stress* OR wellness* OR resilien*)))) OR (TITLE-ABS-
430 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
431 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
432 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
433 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
434 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
435 OR bioswale OR cemeteries OR "common land*" OR "country
436 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
437 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
438 "play
439 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
440 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
441 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
442 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead



443 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
444 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
445 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
446 pes OR naturebased OR (nature W/0 based)) W/5 ((mental OR psychological OR psychiatri
447 c OR "self-reported" OR promot*) W/0 health)) OR (TITLE-ABS-
448 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
449 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
450 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
451 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
452 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
453 OR bioswale OR cemeteries OR "common land*" OR "country
454 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
455 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
456 "play
457 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
458 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
459 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
460 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
461 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
462 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
463 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
464 pes OR naturebased OR (nature W/0 based)) W/5 (wellbeing OR well-being)) OR (TITLE-
465 ABS-
466 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
467 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
468 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
469 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
470 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
471 OR bioswale OR cemeteries OR "common land*" OR "country
472 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
473 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
474 "play
475 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
476 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
477 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
478 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
479 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
480 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
481 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
482 pes OR naturebased OR (nature W/0 based)) W/5 ((psychological* OR psychiatric OR psyc
483 hotherapeutic) W/3 (impact* OR outcome* OR effect* OR benefit* OR value*))) OR (TITL
484 E-ABS-
485 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
486 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
487 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
488 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
489 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*



490 OR bioswale OR cemeteries OR "common land*" OR "country
 491 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 492 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 493 "play
 494 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 495 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 496 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 497 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 498 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 499 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 500 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 501 pes OR naturebased OR (nature W/0 based)) W/5 (behavio?r* W/0 (problem* OR disorde
 502 r* OR illness* OR disease*))) OR (TITLE-ABS-
 503 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 504 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 505 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 506 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 507 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 508 OR bioswale OR cemeteries OR "common land*" OR "country
 509 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 510 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 511 "play
 512 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 513 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 514 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 515 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 516 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 517 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 518 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 519 pes OR naturebased OR (nature W/0 based)) W/5 ("disability adjusted
 520 life" OR daly OR dalys))) OR (TITLE-ABS-
 521 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 522 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 523 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 524 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 525 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 526 OR bioswale OR cemeteries OR "common land*" OR "country
 527 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 528 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 529 "play
 530 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 531 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 532 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 533 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 534 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 535 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 536 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca



537 pes OR naturebased OR (nature W/0 based))) W/5 ("mentally ill" OR "mentally
 538 unwell"))) OR (TITLE-ABS-
 539 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 540 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 541 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 542 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 543 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 544 OR bioswale OR cemeteries OR "common land*" OR "country
 545 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 546 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 547 "play
 548 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 549 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 550 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 551 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 552 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 553 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 554 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 555 pes OR naturebased OR (nature W/0 based))) W/5 ("quality of life" OR "quality adjusted
 556 life" OR qol OR qaly OR qalys OR hrqol))) OR (TITLE-ABS-
 557 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 558 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 559 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 560 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 561 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 562 OR bioswale OR cemeteries OR "common land*" OR "country
 563 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 564 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 565 "play
 566 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 567 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 568 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 569 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 570 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 571 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 572 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 573 pes OR naturebased OR (nature W/0 based))) W/5 ("health state
 574 utilit*" OR utilities OR hsub*)) OR (TITLE-ABS-
 575 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 576 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 577 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 578 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 579 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 580 OR bioswale OR cemeteries OR "common land*" OR "country
 581 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 582 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 583 "play



584 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 585 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 586 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 587 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 588 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 589 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 590 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 591 pes OR naturebased OR (nature W/0 based))) W/5 (adhd OR "attention
 592 deficit" OR hyperactiv*))) OR (TITLE-ABS-
 593 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 594 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 595 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 596 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 597 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 598 OR bioswale OR cemeteries OR "common land*" OR "country
 599 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 600 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 601 "play
 602 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 603 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 604 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 605 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 606 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 607 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 608 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 609 pes OR naturebased OR (nature W/0 based))) W/5 (aggression OR aggressive* OR aggressiv
 610 ity OR dement* OR amentia* OR senile OR senility OR presenile OR presenility OR alzheimer
 611 *))) OR (TITLE-ABS-
 612 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 613 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 614 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 615 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 616 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 617 OR bioswale OR cemeteries OR "common land*" OR "country
 618 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 619 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 620 "play
 621 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 622 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 623 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 624 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 625 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 626 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 627 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 628 pes OR naturebased OR (nature W/0 based))) W/5 ((cognitiv* OR cognition OR neurocogni
 629 t* OR mental) W/3 (declin* OR dysfunction* OR impair* OR disorder* OR deteriorat* OR fu
 630 nction))) OR (TITLE-ABS-



631 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 632 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 633 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 634 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 635 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 636 OR bioswale OR cemeteries OR "common land*" OR "country
 637 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 638 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 639 "play
 640 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 641 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 642 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 643 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 644 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 645 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 646 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 647 pes OR naturebased OR (nature W/0 based))) W/5 ((affective OR "body
 648 dysmorphic" OR cyclothymic OR deficit OR depersonalization OR depersonalisation OR depressi
 649 ve OR developmental OR dissociative OR dysthymic OR emotional OR factitious OR mood OR
 650 obsessive-compulsive OR panic OR sleep*) W/ disorder*)) OR (TITLE-ABS-
 651 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 652 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 653 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 654 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 655 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 656 OR bioswale OR cemeteries OR "common land*" OR "country
 657 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 658 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 659 "play
 660 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 661 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 662 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 663 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 664 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 665 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 666 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 667 pes OR naturebased OR (nature W/0 based))) W/5 (depression OR "depressive
 668 illness*" OR anxiety OR anxieties OR anxious* OR agoraphobi* OR phobia* OR phobic OR am
 669 nesia OR autism OR autistic OR bipolar OR bi-polar OR "manic
 670 depressive" OR mania))) OR (TITLE-ABS-
 671 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 672 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 673 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 674 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 675 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 676 OR bioswale OR cemeteries OR "common land*" OR "country
 677 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf



678 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 679 "play
 680 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 681 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 682 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 683 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 684 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 685 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 686 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 687 pes OR naturebased OR (nature W/0 based)) W/5 (emotional W/3 (wellbeing OR well-
 688 being OR regulat*))) OR (TITLE-ABS-
 689 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 690 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 691 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 692 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 693 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 694 OR bioswale OR cemeteries OR "common land*" OR "country
 695 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 696 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 697 "play
 698 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 699 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 700 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 701 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 702 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 703 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 704 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 705 pes OR naturebased OR (nature W/0 based)) W/5 (happiness OR "peace of
 706 mind" OR serenity OR relaxing OR relaxation OR "attention
 707 restoration" OR restorative OR restorativeness)) OR (TITLE-ABS-
 708 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 709 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 710 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 711 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 712 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 713 OR bioswale OR cemeteries OR "common land*" OR "country
 714 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 715 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 716 "play
 717 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 718 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 719 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 720 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 721 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 722 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 723 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 724 pes OR naturebased OR (nature W/0 based)) W/5 (insomnia OR insomniac* OR "sleep



725 quality" OR somatisation OR somatization OR somatoform OR "mental aging"))) OR (TITLE-
 726 ABS-
 727 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 728 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 729 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 730 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 731 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 732 OR bioswale OR cemeteries OR "common land*" OR "country
 733 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 734 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 735 "play
 736 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 737 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 738 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 739 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 740 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 741 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 742 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 743 pes OR naturebased OR (nature W/0 based))) W/5 ((belonging* OR coherence) W/3 sense
 744))) OR (TITLE-ABS-
 745 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 746 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 747 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 748 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 749 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 750 OR bioswale OR cemeteries OR "common land*" OR "country
 751 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
 752 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
 753 "play
 754 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
 755 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
 756 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
 757 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
 758 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
 759 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
 760 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
 761 pes OR naturebased OR (nature W/0 based))) W/5 ("subjective wellbeing" OR "subjective
 762 well-
 763 being" OR vitality OR paranoia OR psychosis OR psychotic OR schizophreni* OR suicide* OR s
 764 uicidal))) OR (TITLE-ABS-
 765 KEY (((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
 766 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
 767 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
 768 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
 769 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
 770 OR bioswale OR cemeteries OR "common land*" OR "country
 771 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf



772 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
773 "play
774 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
775 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
776 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
777 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
778 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
779 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
780 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
781 pes OR naturebased OR (nature W/0 based))) W/5 (stress W/3 (disorder* OR illness* OR t
782 rauma* OR posttrauma* OR acute OR chronic* OR episod* OR emotional OR occupational OR
783 psychologic* OR recover* OR reduc*))) OR (TITLE-ABS-
784 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
785 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
786 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
787 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
788 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
789 OR bioswale OR cemeteries OR "common land*" OR "country
790 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
791 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
792 "play
793 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
794 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
795 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
796 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
797 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
798 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
799 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
800 pes OR naturebased OR (nature W/0 based))) W/5 salutogenetic*)) OR (TITLE-ABS-
801 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
802 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
803 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
804 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
805 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
806 OR bioswale OR cemeteries OR "common land*" OR "country
807 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
808 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
809 "play
810 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
811 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
812 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
813 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
814 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
815 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
816 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
817 pes OR naturebased OR (nature W/0 based))) W/5 ("bore* out" OR boreout* OR "brown*
818 out" OR brownout* OR "burn* out" OR burnout*))) OR (TITLE-ABS-



819 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
820 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
821 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
822 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
823 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
824 OR bioswale OR cemeteries OR "common land*" OR "country
825 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
826 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
827 "play
828 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
829 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
830 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
831 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
832 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
833 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
834 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
835 pes OR naturebased OR (nature W/0 based))) W/5 (neurodegenerative W/0 (illness* OR di
836 sorder* OR disease*))) OR (TITLE-ABS-
837 KEY(((green W/5 (space* OR area* OR zone* OR corridor* OR connector* OR environment
838 * OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green W/5 (urban*
839 OR neighbourhood* OR neighborhood* OR community OR communities OR city OR cities OR
840 town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR residential OR
841 municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural OR allotment*
842 OR bioswale OR cemeteries OR "common land*" OR "country
843 side" OR ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf
844 course*") OR (habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR
845 "play
846 area*" OR prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushlan
847 d OR canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergr
848 een* OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedg
849 es OR hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR mead
850 ows OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub O
851 R shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
852 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR landsca
853 pes OR naturebased OR (nature W/0 based))) W/5 (utility W/3 (score* OR valu* OR healt
854 h* OR cost* OR measur* OR disease* OR mean OR gain OR gains OR index*))) AND (no
855 t INDEX (medline) AND (LIMIT-TO (LANGUAGE , "English"))

856
857

858 **A.2.: Database: Scopus**
859 Interface / URL: <https://www-scopus-com>.
860 Database coverage dates: N/A
861 Search date: 23 August 2019
862 Retrieved records: 4033
863 Search strategy:
864



865 TITLE (((green AND (space* OR area* OR zone* OR corridor* OR connector* OR
866 environment* OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green
867 AND (urban* OR neighbourhood* OR neighborhood* OR community OR communities OR city
868 OR cities OR town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR
869 residential OR municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural
870 OR allotment* OR bioswale OR cemeteries OR "common land*" OR "country side" OR
871 ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf course*") OR (
872 habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR "play area*" OR
873 prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushland OR
874 canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergreen*
875 OR fields OR flower* OR foliage OR grass OR grasses OR "natural environment*" OR naturalness
876 OR grassland* OR hedge OR hedges OR hedging) OR (herb OR herbs OR lawn OR lawns OR
877 mangrove* OR meadow OR meadows OR meadowland OR chard* OR plant OR plants OR
878 rock OR rocks OR rocky OR shrub OR shrubs OR shrubland OR tree OR trees OR vegetation
879 OR verdure OR wood OR woods OR woodland or urban forest*) OR (biodiversity OR
880 biodiverse OR biome OR ecotone) OR (landscape OR landscapes OR naturebased OR (nature
881 W/0 based))) AND ((mental* OR psychological* OR psychiatric OR wellbeing OR well-being
882 OR wellness* OR health-related OR restorative* OR depression OR depressive or (self-reported
883 AND health) or (stress AND (restor* or reduce OR improv* OR relie*)))))

884

885 ABS (((green W/8 (space* OR area* OR zone* OR corridor* OR connector* OR
886 environment* OR architecture* OR infrastructure* OR design*)) OR greenspace* OR (green
887 W/8 (urban* OR neighbourhood* OR neighborhood* OR community OR communities OR city
888 OR cities OR town OR towns OR suburb* OR semiurban OR periurban OR semisuburban OR
889 residential OR municipal OR metropolitan OR metropolis*)) OR (agriculture OR agricultural
890 OR allotment* OR bioswale OR cemeteries OR "common land*" OR "country side" OR
891 ecosystem OR garden OR gardens OR gardening OR golfcourse* OR "golf course*") OR (
892 habitat* OR horticultur* OR park OR parks OR parkland OR permaculture OR "play area*" OR
893 prairie* OR savannah) OR (balcony OR balconies OR bush OR bushes OR bushland OR
894 canopy OR canopies OR climbing OR conifer* OR copse* OR dune OR dunes OR evergreen*
895 OR fields OR flower* OR foliage OR grass OR grasses OR grassland* OR hedge OR hedges OR
896 hedging) OR (herb OR herbs OR lawn OR lawns OR mangrove* OR meadow OR meadows
897 OR meadowland OR chard* OR plant OR plants OR rock OR rocks OR rocky OR shrub OR
898 shrubs OR shrubland OR tree OR trees OR vegetation OR verdure OR wood OR woods OR
899 woodland) OR (biodiversity OR biodiverse OR biome OR ecotone) OR (landscape OR
900 landscapes OR naturebased OR (nature W/0 based) OR "natural environment*" OR
901 naturalness)) W/8 ((mental* OR psychological* OR psychiatric) W/3 (fatigue* OR disease*
902 OR disorder* OR illness* OR diagnos*) OR wellbeing OR well-being OR hygiene OR satisf* OR
903 stress* OR wellness* OR resilien*))

904

905 #1 or #2

906 Limited to English language = 4033 results



907 **Appendix B: Test list records**

908 The following table shows the studies in the test list, which studies were available to be found in MEDLINE
 909 and Scopus, and which studies were not retrieved by the searches.

910

Test list study	Available in MEDLINE	Available in Scopus	Found by the searches
Arnberger, A., Eder, R., Alex, B., Ebenberger, M., Hutter, H. P., Wallner, P., & Frank, T. (2018) Health-Related Effects of Short Stays at Mountain Meadows, a River and an Urban Site—Results from a Field Experiment International journal of environmental research and public health, 15	Yes	Yes	Yes
Ayala-Azcárraga, C., Diaz, D., & Zambrano, L. (2019) Characteristics of urban parks and their relation to user well-being Landscape and Urban Planning, 189, 27-35	No	Yes	Yes
Browning, M. H., Lee, K., & Wolf, K. (2019) Tree cover shows an inverse relationship with depressive symptoms in elderly residents living in US nursing homes Urban Forestry & Urban Greening	No	Yes	No
Carrus, G., Laforteza, R., Colangelo, G., Dentamaro, I., Scopelliti, M., & Sanesi, G. (2013) Relations between naturalness and perceived restorativeness of different urban green spaces Psycology, 4	No	Yes	Yes
Carrus, G., Scopelliti, M., Laforteza, R., Colangelo, G., Ferrini, F., Salbitano, F., ... & Sanesi, G. (2015) Go greener, feel better? The positive effects of biodiversity on the well-being of individuals visiting urban and peri-urban green areas Landscape and Urban Planning, 134, 221-228	No	Yes	Yes
Carter, M., & Horwitz, P. (2014) Beyond proximity: the importance of green space useability to self-reported health EcoHealth, 11	Yes	Yes	Yes
Dallimer, M., Irvine, K. N., Skinner, A. M., Davies, Z. G., Rouquette, J. R., Maltby, L. L., ... & Gaston, K. J. (2012) Biodiversity and the feel-good factor: understanding associations between self-reported human well-being and species richness BioScience, 62	No	Yes	Yes
Dzhambov, A., Hartig, T., Markevych, I., Tilov, B., & Dimitrova, D. (2018) Urban residential greenspace and mental health in youth: Different approaches to testing multiple pathways yield different conclusions Environmental research, 160, 47-59	Yes	Yes	Yes



Grahn, P., & Stigsdotter, U. K. (2010) The relation between perceived sensory dimensions of urban green space and stress restoration Landscape and urban planning, 94	No	Yes	Yes
Hauru, K., Lehv�virta, S., Korpela, K., & Kotze, D. J. (2012) Closure of view to the urban matrix has positive effects on perceived restorativeness in urban forests in Helsinki, Finland Landscape and Urban Planning, 107	No	Yes	Yes
Helbich, M., Yao, Y., Liu, Y., Zhang, J., Liu, P., & Wang, R. (2019) Using deep learning to examine street view green and blue spaces and their associations with geriatric depression in Beijing, China Environment international, 126, 107-117	Yes	Yes	Yes
Korpela, K., De Bloom, J., Sianoja, M., Pasanen, T., & Kinnunen, U. (2017) Nature at home and at work: Naturally good? Links between window views, indoor plants, outdoor activities and employee well-being over one year Landscape and Urban planning, 160, 38-47	No	Yes	No
Kuo, M., Browning, M. H., Sachdeva, S., Westphal, L., & Lee, K. (2018) Might school performance grow on trees? Examining the link between "greenness" and academic achievement in urban, high-poverty schools Frontiers in psychology, 9, 1669	Yes	Yes	No
MacKerron, G., & Mourato, S. (2013) Happiness is greater in natural environments Global environmental change, 23	No	Yes	Yes
Marselle, M., Irvine, K., & Warber, S. (2013) Walking for well-being: are group walks in certain types of natural environments better for well-being than group walks in urban environments? International journal of environmental research and public health, 10	Yes	Yes	Yes
Marselle, M., Irvine, K., Lorenzo-Arribas, A., & Warber, S. (2015) Moving beyond green: Exploring the relationship of environment type and indicators of perceived environmental quality on emotional well-being following group walks International journal of environmental research and public health, 12	Yes	Yes	Yes
Martens, D., Gutscher, H., & Bauer, N. (2011) Walking in "wild" and "tended" urban forests: The impact on psychological well-being Journal of environmental psychology, 31	No	Yes	Yes
McGinlay, J., Parsons, D. J., Morris, J., Hubatova, M., Graves, A., Bradbury, R. B., & Bullock, J. M. (2017) Do charismatic species groups generate more cultural ecosystem service benefits? Ecosystem services, 27, 15-24	No	Yes	No

Memari, S., Pazhouhanfar, M., & Nourtaghani, A. (2017) Relationship between perceived sensory dimensions and stress restoration in care settings <i>Urban Forestry & Urban Greening</i> , 26, 104-113	No	Yes	No
Nordh, H., Hartig, T., Hagerhall, C. M., & Fry, G. (2009) Components of small urban parks that predict the possibility for restoration <i>Urban forestry & urban greening</i> , 8	No	Yes	No
O'Brien, L. (2018) Engaging with and Shaping Nature: A Nature-Based Intervention for Those with Mental Health and Behavioural Problems at the Westonbirt Arboretum in England <i>International journal of environmental research and public health</i> , 15	Yes	Yes	Yes
Olszewska-Guizzo, A. A., Paiva, T. O., & Barbosa, F. (2018) Effects of 3D Contemplative Landscape Videos on Brain Activity in a Passive Exposure EEG Experiment <i>Frontiers in psychiatry</i> , 9	Yes	No	Yes
Pálsdóttir, A. M., Stigsdotter, U. K., Persson, D., Thorpert, P., & Grahn, P. (2018) The qualities of natural environments that support the rehabilitation process of individuals with stress-related mental disorder in nature-based rehabilitation <i>Urban Forestry & Urban Greening</i> , 29, 312-321	No	Yes	Yes
Rogerson, M., Brown, D. K., Sandercock, G., Wooller, J. J., & Barton, J. (2016) A comparison of four typical green exercise environments and prediction of psychological health outcomes <i>Perspectives in public health</i> , 136	Yes	Yes	Yes
Scott, J. T., Kilmer, R. P., Wang, C., Cook, J. R., & Haber, M. G. (2018) Natural Environments Near Schools: Potential Benefits for Socio-Emotional and Behavioral Development in Early Childhood <i>American journal of community psychology</i> , 62	Yes	Yes	Yes
Tang, I. C., Tsai, Y. P., Lin, Y. J., Chen, J. H., Hsieh, C. H., Hung, S. H., ... & Chang, C. Y. (2017) Using functional Magnetic Resonance Imaging <i>Landscape and Urban Planning</i>	No	Yes	No
Taylor, M. S., Wheeler, B. W., White, M. P., Economou, T., & Osborne, N. J. (2015) Research note: Urban street tree density and antidepressant prescription rates—A cross-sectional study in London, UK <i>Landscape and Urban Planning</i> , 136, 174-179	No	Yes	Yes
Tsai, W. L., McHale, M., Jennings, V., Marquet, O., Hipp, J., Leung, Y. F., & Floyd, M. (2018) Relationships between characteristics of urban green land cover and mental health in US	Yes	Yes	Yes



metropolitan areas International journal of environmental research and public health, 15			
Tyrväinen, L., Ojala, A., Korpela, K., Lanki, T., Tsunetsugu, Y., & Kagawa, T. (2014) The influence of urban green environments on stress relief measures: A field experiment Journal of Environmental Psychology, 38, 1-9	No	Yes	Yes
Wood, E., Harsant, A., Dallimer, M., Cronin de Chavez, A., McEachan, R., & Hassall, C. (2018) Not all green space is created equal: biodiversity predicts psychological restorative benefits from urban green space Frontiers in psychology, 9, 2320	Yes	Yes	Yes
Wyles, K. J., White, M. P., Hattam, C., Pahl, S., King, H., & Austen, M. (2019) Are some natural environments more psychologically beneficial than others? The importance of type and quality on connectedness to nature and psychological restoration Environment and Behavior, 51	No	Yes	Yes
Zhang, L., & Tan, P. Y. (2019) Associations between Urban Green Spaces and Health are Dependent on the Analytical Scale and How Urban Green Spaces are Measured International journal of environmental research and public health, 16	Yes	Yes	Yes

911
912
913
914
915
916
917
918
919
920
921
922
923
924

925 Likely reasons for the non-retrieval of eight studies are shown in the following Table.

926

Test list study	Likely reason for non-retrieval by the searches
Browning, M. H., Lee, K., & Wolf, K. (2019) Tree cover shows an inverse relationship with depressive symptoms in elderly residents living in US nursing homes <i>Urban Forestry & Urban Greening</i>	Likely missed because the search had 'depressive disorders' rather than 'depressive symptoms'
Korpela, K., De Bloom, J., Sianoja, M., Pasanen, T., & Kinnunen, U. (2017) Nature at home and at work: Naturally good? Links between window views, indoor plants, outdoor activities and employee well-being over one year <i>Landscape and Urban planning</i> , 160, 38-47	We could not search for 'nature' alone as it generated too many records
Kuo, M., Browning, M. H., Sachdeva, S., Westphal, L., & Lee, K. (2018) Might school performance grow on trees? Examining the link between "greenness" and academic achievement in urban, high-poverty schools <i>Frontiers in psychology</i> , 9, 1669	There are no mental health terms in this record
McGinlay, J., Parsons, D. J., Morris, J., Hubatova, M., Graves, A., Bradbury, R. B., & Bullock, J. M. (2017) Do charismatic species groups generate more cultural ecosystem service benefits? <i>Ecosystem services</i> , 27, 15-24	There are no mental health terms in this record
Memari, S., Pazhouhanfar, M., & Nourtaghani, A. (2017) Relationship between perceived sensory dimensions and stress restoration in care settings <i>Urban Forestry & Urban Greening</i> , 26, 104-113	Does not have the search terms in the same relationships as in the strategy
Nordh, H., Hartig, T., Hagerhall, C. M., & Fry, G. (2009) Components of small urban parks that predict the possibility for restoration <i>Urban forestry & urban greening</i> , 8	'Restoration' is not used as a single term in the strategy but has to be combined with 'attention', because restoration has so many different meanings including physical restoration of green spaces
Olszewska, A. A., Marques, P. F., Ryan, R. L., & Barbosa, F. (2018) What makes a landscape contemplative? <i>Environment and Planning B: Urban Analytics and City Science</i> , 45	'Mental health benefits' is within the abstract but not linked closely to a green term
Tang, I. C., Tsai, Y. P., Lin, Y. J., Chen, J. H., Hsieh, C. H., Hung, S. H., ... & Chang, C. Y. (2017) Using functional Magnetic Resonance Imaging <i>Landscape and Urban Planning</i>	There are green terms but this not really about mental health

927

928

929

930

931



932 **Appendix C: Meta-data extraction**

933 For the items that included a specific code, the codes are included in the Tables below.

934

General	Codes
First author	-
Year of publication	-
Paper title	-
Journal name	-
Country the study took place in	-
Location the study took place in	-
Season the study took place in	Spring Summer Autumn Winter > 1 year (study was conducted over a period longer than 1 year)

935

936

Methodology	Codes
Type of data (quantitative, qualitative)	Quantitative Qualitative
Study category (cross-sectional, etc)	Experimental Cross-sectional Qualitative
Hypothesis testing versus exploratory study (<i>quantitative studies</i>)	Hypotheses were reported No hypothesis was reported
Study design	Between subjects design Within subjects design Mixed design
Type of within participants design (<i>within / mixed studies</i>)	Pre-post design Longitudinal Cross-sectional
Presence of a control group	Control group or condition is included Control group or condition is not included Not applicable
Data collection method	Self-report Physiological measures Experience sampling Health / medical data Interviews Focus groups Other
Health of population	General Clinical At-risk
Population type	Students Convenience sample (other than students) Elderly Schoolchildren Adolescents Pupils Patients (mental disorder) Patients (physical disorder) Panel members



Methodology	Codes
Population type (continued)	National residents Urban residents Rural residents Local residents Green space visitors Employees Athletes / hikers Other
Sample size (number of participants)	-
Sample age (mean and standard deviation)	-
Sample age (range)	-
Sample percentage female	-
Inclusion and exclusion criteria for participation	-
Study duration	0 – 30 minutes 31 minutes – 1 hour 1 – 2 hours > 2 hours < 1 day > 1 day < 1 week > 1 week < 1 month > 1 month < 3 months > 3 months < 6 months > 6 months < 1 year > 1 year
Study Frequency	Once Twice More than twice
Duration and frequency visit report	Duration only is reported Frequency only is reported Both are reported Neither duration nor frequency is reported

937

938

Methodology	Codes
Duration and frequency visit report (continued)	Duration only is measured
	Frequency only is measured
	Both are measured
	Neither duration nor frequency is measured

939

940

DRAFT



Green space manipulation	Codes
Characteristic or type of green space	Characteristic Type Characteristic and type
Type of green space exposure (direct versus indirect)	Direct Indirect
Type of green space	Garden Park Forest Farmland Green corridor Woodland Sports pitch Heathland Grassland Tree canopy Biodiversity Other green space type Other green space characteristic
Green space description	-
Environmental assessment (e.g., residential area)	Residential area Green space visits School environment Healthcare environment Work environment Viewing green spaces Listening to green sounds Other
Activities performed in the green space	Physical exercise, sports Sitting Gardening Viewing / listening Other

Mental health and mental wellbeing	Codes
Typology of outcome measure	Affect Restorative effects Recalled restorative effect Perceived stress Vitality Physiological stress Subjective wellbeing Severity mental disorder Prevalence mental disorder Quality of life Satisfaction with life Sleep quality Suicide rate Other
Measurement instruments used <i>(quantitative studies)</i>	-
Unit of observation (aggregate or individual) <i>(quantitative studies)</i>	Within the individual only Individual An aggregate of individual
Covariates and confounding variables <i>(quantitative studies)</i>	-
Results	-

Appendix D: Critical appraisal Experimental studies

Category	Criteria for confidence of no bias				
	Item	High	Moderate	Low	Not applicable
Performance bias	Representative sampling	Random sampling is used (probability sampling); the sample is representative for the population under study	Purposive sampling is used; researchers have sampled individuals for a specific purpose, but non-probability sampling was used.	Convenience sampling is employed; sample is drawn for the part of the population that is close to hand, non-probability sampling	-
	Sample description in relation to population	The authors provide a description of both the true population and the sample	Authors describe the sample but provide no description of the true population	No description was provided	
	Baseline study characteristics	At baseline, the groups are similar on the value of the dependent variable, unless differences were included purposefully	At baseline, the groups are not similar on the value of the dependent variables unless differences are purposefully, but they are similar in composition in demographic variables	It is unknown whether the groups in different conditions are similar in terms of their score on demographic or independent variables	It is only one group (i.e., it is a within subjects design, not a between-subjects design)
	Random allocation of participants to the experimental conditions	Participants were randomly assigned, allocation was based on chance.	Participants were only semi-randomly assigned, allocation was according some pre-set plan (e.g., a list on paper)	No description was provided or participants were not randomly assigned	It is only one group (i.e., it is a within subjects design, not a between-subjects design)
	Order of conditions, interventions, or stimuli to participants	The order in which participants are exposed to a condition, intervention or stimuli is/are randomized	One or more orders is missing, or order is not fully randomized (e.g. 123, 321)	No description was provided; or order of conditions, interventions or stimuli to participant was not randomized	-
	Selection bias				

944

945

946

Cate- Gory		Confidence of no bias – criteria			
	Item	High	Moderate	Low	Not applicable
Performance bias (cont.)	Blinding of participants	Authors report their efforts for blinding the participants for the research purpose	Authors acknowledge that blinding was not done / not possible and recognize this may have influenced the outcomes	No description was provided	-
	Attrition	There is evidence of no attrition (note: attrition only applies to the period after the study has started), i.e., there are no drop-outs. OR: there is attrition but it is reported and the consequence on the outcomes are taken into account in the analyses.	drop-out rates are described (first and final sample size) but no analyses have been conducted into the consequence of attrition	no description of attrition (drop-outs) was provided	there is only one measurement, no attrition (drop-out) possible
Attrition bias	Blinding of outcome assessment	There is no direct contact between the researcher and the participant, including questionnaires delivered remotely	-	There is direct contact between the researcher and the participants, including questionnaires delivered by hand	-
	Detection bias	Is the manipulation clearly defined	Direct exposure is described in terms of duration and frequency	-	there is no description about the characteristics of the exposure, or only availability (indirect exposure) is assessed
Manipulation bias					

Category		Confidence of no bias – criteria			
	Item	High	Moderate	Low	Not applicable
Manipulation (continued)	Treatment similarity	The treatments in both groups were exactly the same (except in blue space type or characteristics) in duration, timing, intensity of physical activity, location (both indoors or both outdoors) and these similarities are described	The treatment of each group was similar on some aspects, but differed on others (aspects as described in the 'high score' field)	No description was provided	Not applicable when there is only one group
	Reporting bias	authors report or mention non-significant results (e.g. table of all results is reported in the paper; or statement that results were non significant)	Authors do not mention or report non-significant results.	Non-significant results were not reported. evidence of partial reporting (some results are missing), and no explanation why	-
Covariates	Covariates	Covariate (s) are identified and taken into account in the analyses	Covariate(s) have been identified, but they are only being discussed (not included in the analyses)	Covariate(s) were not identified	Not applicable, for true experiments with good random allocation to conditions with no difference on baseline

950 **Appendix E: Critical appraisal Cross-sectional studies**

Cate- gory	Confidence of no bias – criteria				
	Item	High	Moderate	Low	Not applicable
Selection bias	Random selection participants	Participants were selected based on a priori plan to ensure randomization	Participants were selected by chance, or participants were self-selected	No description was provided	a census was used (census means: every possible record was available to the researcher)
	Sample description in relation to population	The authors provide a description of both the true population and the sample, and there is evidence that the sample is representative (at the start in case there are multiple measurements)	The authors provide a description of both the true population and the sample, but there is evidence that the sample is not representative	No complete description was provided	a census was used (census means: every possible record was available to the researcher)
	Proportion of baseline sample available for analysis	There is evidence of no attrition (note: attrition starts only applies to the period after the study has started), i.e., there are no drop-outs. OR: there is attrition but it is reported and the consequence on the outcomes are taken into account in the analyses.	drop-out rates are described (first and final sample size) but no analyses have been conducted into the consequence of attrition	no description of attrition (drop-outs) was provided	there is only one measurement, no attrition (drop-out) possible
Detection bias	Blinding	There is no direct contact between the researcher and the participant, including questionnaires delivered remotely		There is direct contact between the researcher and the participants, including questionnaires delivered hand to hand	

951

952

953



Cate- Gory		Confidence of no bias – criteria			
Item		High	Moderate	Low	Not applicable
Manipulation	Is the manipulation clearly defined	Direct exposure is described in terms of duration and frequency	Direct exposure is described in terms of duration	There is no description about the characteristics of the exposure, or only availability (indirect exposure) is assessed	
	Selective reporting	Authors report or mention non-significant results (e.g table of all results is reported in the paper; or statement that results were nonsignificant)	Authors do not mention or report non-significant results.	Non-significant results were not reported. evidence of partial reporting (some results are missing), and no explanation why	
Covariates	Covariates	Covariate(s) are identified and taken into account in the analyses	Covariate(s) have been identified, but they are only being discussed (not included in the analyses)	Covariate(s) were not identified	

Category	Confidence of no bias – criteria			
	Item	High	Moderate	Low
Selection bias	Source of target population	-	There is a description of the sample	There is no description of the sample
	Recruitment description	Purposeful / systematic sampling; the authors of the papers have chosen the people who were sampled	Convenience sampling; The researchers have taken people as they volunteered and were available	There is no description of the sampling process
	Independent raters	There are two or more independent raters that code the data	There was only one person coding the data	No description was provided
Qualitative method	Stakeholder involvement	Stakeholders (non-academic) are involved in the entire research process (from the design of the method to the analysis of the outcomes)	Stakeholders (non-academic) are involved in only part of the research process (only design of method or only at the outcomes)	No stakeholders (non-academic) are involved or no description was given
	Triangulation	A mix in research methods or data sources were employed and the outcomes were used together in the analysis	A mix in research methods or data sources were employed, but they were not used together in the analysis	No mix in research methods, data sources, or researchers (backgrounds) was employed

