|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 3. Summary of meta-analytic results of significance of associations of neighbourhood environmental correlates with depression in older adults by types of adjustment for article characteristics** | | | | | | | | | | | | | | | | | | | | | | | |
| **Environmental attributes** | **Probable depression** | | | | |  | **Depressive symptoms** | | | | |  | **Clinical depression** | | | | |  | **All depressive outcomes** | | | |  |
|  | ***p*a** | ***p*sa** | ***p*q** | ***p*u** | **Diff** |  | ***p*a** | ***p*sa** | ***p*q** | ***p*u** | **Diff** |  | ***p*a** | ***p*sa** | ***p*q** | ***p*u** | **Diff** |  | ***p*a** | ***p*sa** | ***p*q** | ***p*u** | **Diff** |
| Urbanisation | 0.210 | 0.444 | 0.170 | 0.142 | No |  | 0.654 | 0.363 | 0.751 | 0.869 | No |  | 0.126 | 0.103 | 0.135 | 0.166 | No |  | 0.285 | 0.628 | 0.222 | 0.112 | No |
| Walkability | 0.525 | 0.648 | 0.486 | 0.560 | No |  | - | - | - | - | - |  | - | - | - | - | - |  | 0.525 | 0.648 | 0.486 | 0.560 | No |
| Overall access to/availability of destinations/services | 0.199 | 0.111 | 0.246 | 0.166 | No |  | 0.244 | 0.302 | 0.233 | 0.158 | No |  | - | - | - | - | - |  | 0.825 | 0.855 | 0.731 | 0.684 | No |
| Access to/availability of retail/office/business services | 0.258 | 0.258 | 0.258 | 0.258 | No |  | - | - | - | - | - |  | - | - | - | - | - |  | 0.258 | 0.258 | 0.258 | 0.258 | No |
| Access to/availability of health/well-being related services | 0.352 | 0.406 | 0.343 | 0.327 | No |  | 1.000 | 1.000 | 1.000 | 1.000 | No |  | - | - | - | - | - |  | 0.399 | 0.459 | 0.387 | 0.381 | No |
| Access to/availability of entertainment/culture services | 1.000 | 1.000 | 1.000 | 1.000 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | - | - | - | - | - |  | 0.192 | 0.258 | 0.177 | 0.258 | No |
| Access to/availability of parks/recreational services | - | - | - | - | - |  | 1.000 | 1.000 | 1.000 | 1.000 | No |  | - | - | - | - | - |  | 1.000 | 1.000 | 1.000 | 1.000 | No |
| Availability of essential amenities | 0.050 | 0.050 | 0.050 | 0.050 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | - | - | - | - | - |  | 0.006 | 0.006 | 0.006 | 0.006 | No |
| Street connectivity | 1.000 | 1.000 | 1.000 | 1.000 | No |  | - | - | - | - | - |  | - | - | - | - | - |  | 1.000 | 1.000 | 1.000 | 1.000 | No |
| Barriers to walking | 0.373 | 0.639 | 0.322 | 0.327 | No |  | 1.000 | 1.000 | 1.000 | 1.000 | No |  | - | - | - | - | - |  | 0.462 | 0.665 | 0.427 | 0.459 | No |
| Mobile resources | - | - | - | - | - |  | 0.057 | 0.057 | 0.057 | 0.057 | No |  | - | - | - | - | - |  | 0.057 | 0.057 | 0.057 | 0.057 | No |
| Aesthetics | 1.000 | 1.000 | 1.000 | 1.000 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | - | - | - | - | - |  | 0.213 | 0.180 | 0.226 | 0.258 | No |
| Traffic safety | 0.210 | 0.228 | 0.207 | 0.258 | No |  | 1.000 | 1.000 | 1.000 | 1.000 | No |  | - | - | - | - | - |  | 0.238 | 0.241 | 0.239 | 0.327 | No |
| Air pollution | 0.816 | 0.813 | 0.816 | 1.000 | No |  | **0.048** | **0.095** | **0.041** | **0.129** | **Yes** |  | - | - | - | - | - |  | 0.083 | 0.151 | 0.070 | 0.240 | No |
| Population/Residential density | 0.200 | 0.158 | 0.230 | 0.177 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | - | - | - | - | - |  | 0.032 | 0.028 | 0.036 | 0.030 | No |
| Proportion of older adults | 0.294 | 0.723 | 0.310 | 0.258 | No |  | 0.475 | 0.477 | 0.477 | 0.488 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | 0.554 | 0.550 | 0.559 | 0.572 | No |
| Social/Demographic heterogeneity | 0.095 | 0.139 | 0.086 | 0.095 | No |  | 0.744 | 0.746 | 0.744 | 0.743 | No |  | - | - | - | - | - |  | 0.244 | 0.309 | 0.227 | 0.281 | No |
| Residential stability | 1.000 | 1.000 | 1.000 | 1.000 | No |  | 0.375 | 0.344 | 0.389 | 0.424 | No |  | 1.000 | 1.000 | 1.000 | 1.000 | No |  | 0.486 | 0.428 | 0.508 | 0.514 | No |
| Socio-economic status | 0.020 | 0.044 | 0.017 | 0.043 | No |  | 0.140 | 0.126 | 0.147 | 0.142 | No |  | <0.001 | <0.001 | <0.001 | <0.001 | No |  | <0.001 | <0.001 | <0.001 | <0.001 | No |
| Socio-economic inequality | 0.214 | 0.258 | 0.203 | 0.258 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | - | - | - | - | - |  | 0.732 | 1.000 | 0.646 | 1.000 | No |
| Neighbourhood trust | 0.363 | 0.327 | 0.375 | 0.327 | No |  | - | - | - | - | - |  | - | - | - | - | - |  | 0.363 | 0.327 | 0.375 | 0.327 | No |
| Collective efficacy | <0.001 | <0.001 | <0.001 | <0.001 | No |  | 0.009 | 0.015 | 0.008 | 0.009 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | <0.001 | <0.001 | <0.001 | <0.001 | No |
| Social connectedness | 0.207 | 0.216 | 0.205 | 0.258 | No |  | 0.413 | 0.586 | 0.377 | 0.501 | No |  | - | - | - | - | - |  | 0.132 | 0.185 | 0.122 | 0.197 | No |
| Personal/Crime-related safety | 0.025 | 0.016 | 0.029 | 0.024 | No |  | 0.006 | 0.005 | 0.007 | 0.007 | No |  | - | - | - | - | - |  | 0.001 | <0.001 | 0.001 | 0.001 | No |
| Neighbourhood disorder/problems | - | - | - | - | - |  | - | - | - | - | - |  | 0.050 | 0.050 | 0.050 | 0.050 | No |  | 0.050 | 0.050 | 0.050 | 0.050 | No |
| *Notes:* *p* = *p* value; subscript 'a' = fully adjusted (for sample size and article quality); subscript 'sa' = adjusted for sample size; subscript 'q' = adjusted for article quality; subscript 'u' = unadjusted; Diff = difference in conclusions between types of adjustment of article characteristics. | | | | | | | | | | | | | | | | | | | | | | | |