Supplementary Material File 17: Sensitivity analyses: Baseline sociodemographic characteristics and daily steps of the ENABLE London participants by aspirational housing tenure (n=837)

|  |  |  |
| --- | --- | --- |
|   | **Total** | **Aspirational housing tenure** |
|   | **n=837** | **"Social", n=325** | **"Intermediate", n=354** | **"Market-rent", n=158** |
| **Sociodemographics, n (%)** |  |  |   |   |   |   |   |   |
| *Sex*a |   |   |   |   |   |   |   |   |
|  Female | 490 | (58.5) | 246 | (75.7) | 176 | (49.7) | 68 | (43.0) |
| *Age groups* 1 |   |   |   |   |   |   |   |   |
|  16-24 years | 161 | (19.2)) | 69 | (21.2) | 56 | (15.8) | 36 | (22.8) |
|  25-34 years | 367 | (43.9) | 73 | (22.5) | 208 | (58.8) | 86 | (54.4) |
|  35-49 years | 248 | (29.6) | 152 | (46.8) | 78 | (22.0) | 18 | (11.4) |
|  50+ years | 61 | (7.3) | 31 | (9.5) | 12 | (3.4) | 18 | (11.4) |
| *Ethnicity* 1 |   |   |   |   |   |   |   |   |
|  White | 414 | (49.5) | 56 | (17.2) | 251 | (70.9) | 107 | (67.7) |
|  Black | 201 | (24.0) | 155 | (47.7) | 33 | (9.3) | 13 | (8.2) |
|  Asian | 128 | (15.3) | 65 | (20.0) | 47 | (13.3) | 16 | (10.1) |
|  Mixed/Other | 94 | (11.2) | 49 | (15.1) | 23 | (6.5) | 22 | (13.9) |
|   |   |   |   |   |   |   |   |   |
| **PA facilities in the residential area** |   |   |   |   |   |   |   |   |
| Walkability, mean (SD) 2 | -0.04 | (2.68) | -0.59 | (2.09) | 0.08 | (2.77) | 0.84 | (3.22) |
| Distance to metropolitan parks (km), median [IQR] 3 | 2.12 | [1.17,3.48] | 2.56 | [1.39,3.72] | 1.80 | [0.95,2.99] | 1.85 | [1.04,3.15] |
| Distance to district parks (km), median [IQR] 3 | 2.19 | [1.38,3.06] | 2.30 | [1.71,3.25] | 2.04 | [1.04,2.90] | 2.00 | [1.39,2.91] |
| Distance to local parks (km), median [IQR] 3 | 0.75 | [0.43,1.18] | 0.58 | [0.36,0.98] | 0.84 | [0.47,1.35] | 0.88 | [0.49,1.35] |
| Public transport accessibility, n (%) 1 |   |   |   |   |   |   |   |   |
|  Low | 78 | (9.3) | 36 | (11.1) | 32 | (9.0) | 10 | (6.3) |
|  Intermediate | 475 | (56.8) | 216 | (66.5) | 180 | (50.9) | 79 | (50.0) |
|  High | 284 | (33.9) | 73 | (22.4) | 142 | (40.1) | 69 | (43.7) |
|   |   |   |   |   |   |   |   |   |
| **Physical activity, Mean (95%CI)** |   |  |   |   |   |   |   |   |
| Daily steps on week days 4,5 | 9253 | (9028,9478) | 8686 | (8263,9109) | 9702 | (9328,10075) | 9414 | (8874,9954) |
| Daily steps on weekend days 4,5 | 8430 | (8152,8708) | 6925 | (6405,7446) | 9324 | (8865,9784) | 9523 | (8859,10187) |
| Daily minutes of MVPA on week days 4,5 | 61.8 | (60.1,63.6) | 57.5 | (54.1,60.9) | 64.3 | (61.3,67.2) | 65.3 | (61.1,69.6) |
| Daily minutes of MVPA on weekend days 4,5 | 55.4 | (53.2,57.7) | 45.4 | (41.1,49.6) | 60.6 | (56.9,64.3) | 64.5 | (59.1,69.9) |
| 1 Chi2, p<0.0012 Anova p<0.001, and significant difference between "Social" and "Intermediate", between "Social" and "Market-rent", and between "Intermediate" and "Market-rent" housing seekers (Scheffe post hoc tests, p<0.013 Kruskal-Wallis p<0.001, and significant difference between "Social" and "Intermediate", and between "Social" and "Market-rent" housing seekers (Mann-Whitney U, p<0.001)4 Means are adjusted for sex, age group, ethnic group, housing sector and a random effect to allow for clustering at household level5 Significant difference between "Social" and "Intermediate", and between "Social" and "Market-rent" housing seekers, p<0.01 (t-test) |