

**Supplementary material 15.** Associations between shortest distance to time varying type  
of cycling infrastructure from centroid of dissemination area and minutes per week of  
recreational cycling in men (N=187)

| Fixed Effects                | Unadjusted |             |      |         | Adjusted |             |      |         |
|------------------------------|------------|-------------|------|---------|----------|-------------|------|---------|
|                              | Coef.      | 95% CI      | SD   | p-value | Coef.    | 95% CI      | SD   | p-value |
| Time                         | -0.01      | -0.06, 0.04 | 0.03 | 0.8201  | 0.00     | -0.05, 0.04 | 0.03 | 0.9907  |
| High Comfort Distance (km)   | 0.00       | -0.05, 0.06 | 0.03 | 0.9134  | 0.00     | -0.06, 0.05 | 0.03 | 0.9415  |
| Medium Comfort Distance (km) | 0.01       | -0.08, 0.10 | 0.04 | 0.7794  | 0.02     | -0.07, 0.11 | 0.05 | 0.6195  |
| Low Comfort Distance (km)    | -0.05      | -0.13, 0.03 | 0.04 | 0.2464  | -0.02    | -0.11, 0.07 | 0.04 | 0.6661  |
| Baseline age                 |            |             |      |         | 0.00     | -0.01, 0.02 | 0.01 | 0.8316  |
| Health Utility Index         |            |             |      |         | 0.58     | -0.32, 1.48 | 0.46 | 0.2050  |
| Education                    |            |             |      |         | 0.09     | -0.28, 0.47 | 0.19 | 0.6173  |
| Walkability Index            |            |             |      |         | 0.06     | -0.01, 0.14 | 0.04 | 0.0829  |
| Immigrant                    |            |             |      |         | 0.35     | -0.12, 0.82 | 0.24 | 0.1443  |
| Work/School                  |            |             |      |         | -0.23    | -0.59, 0.14 | 0.19 | 0.2225  |
| Marginalization Index        |            |             |      |         | -0.11    | -0.31, 0.10 | 0.10 | 0.3053  |
| Movers                       |            |             |      |         | 0.29     | 0.01, 0.58  | 0.13 | 0.0406  |
| Spring season                |            |             |      |         | -0.26    | -0.64, 0.13 | 0.20 | 0.1895  |
| Summer season                |            |             |      |         | 0.13     | -0.21, 0.47 | 0.17 | 0.4611  |
| Winter season                |            |             |      |         | -0.45    | -0.92, 0.02 | 0.24 | 0.0587  |

Random effects (adjusted model): Random intercept SD = 1.15, random slope SD = 0.15.

CI = confidence interval, SD = standard deviation