

**Table S1.** Linear regression analysis for the associations between residential food environment variables and perceived daily walking duration.

| Walking Distance                  | Perceived Daily Walking Duration <sup>a</sup> |                    |                 |                       |                 |
|-----------------------------------|-----------------------------------------------|--------------------|-----------------|-----------------------|-----------------|
|                                   | Unadjusted                                    |                    |                 | Adjusted <sup>b</sup> |                 |
|                                   | N                                             | Coefficient (S.E.) | <i>p</i> -Value | Coefficient (S.E.)    | <i>p</i> -Value |
| (Fruit/vegetable) market          |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 188                                           | 33.67 (7.17)       | 0.000 ***       | 21.68 (7.26)          | 0.003 **        |
| 6–10 minutes                      | 89                                            | 23.95 (8.20)       | 0.004 **        | 18.43 (8.05)          | 0.023 *         |
| >10 minutes                       | 72                                            | 1                  |                 | 1                     |                 |
| Missing                           | 5                                             |                    |                 |                       |                 |
| Fruit/vegetable street vending    |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 192                                           | 28.33 (7.56)       | 0.000 ***       | 21.33 (7.28)          | 0.004 **        |
| 6–10 minutes                      | 96                                            | 16.45 (8.44)       | 0.052           | 15.74 (8.05)          | 0.051           |
| >10 minutes                       | 65                                            | 1                  |                 | 1                     |                 |
| Missing                           | 1                                             |                    |                 |                       |                 |
| Snack/breakfast street vending    |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 199                                           | 40.26 (7.41)       | 0.000 ***       | 29.44 (7.65)          | 0.000 ***       |
| 6–10 minutes                      | 89                                            | 7.92 (8.42)        | 0.348           | 10.44 (8.28)          | 0.208           |
| >10 minutes                       | 60                                            | 1                  |                 | 1                     |                 |
| Missing                           | 6                                             |                    |                 |                       |                 |
| (Convenience/small) grocery store |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 234                                           | 37.38 (8.39)       | 0.000 ***       | 25.41 (8.35)          | 0.003 **        |
| 6–10 minutes                      | 75                                            | 15.03 (9.72)       | 0.123           | 8.29 (9.47)           | 0.382           |
| >10 minutes                       | 45                                            | 1                  |                 | 1                     |                 |
| Missing                           | 0                                             |                    |                 |                       |                 |
| Supermarket                       |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 177                                           | 32.02 (6.46)       | 0.000 ***       | 18.69 (7.39)          | 0.012 *         |
| 6–10 minutes                      | 77                                            | 22.01 (7.85)       | 0.005 **        | 16.13 (7.89)          | 0.042 *         |
| >10 minutes                       | 99                                            | 1                  |                 | 1                     |                 |
| Missing                           | 1                                             |                    |                 |                       |                 |
| Restaurant                        |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 148                                           | 35.01 (6.25)       | 0.000 ***       | 23.94 (6.68)          | 0.000 ***       |
| 6–10 minutes                      | 81                                            | 37.82 (7.23)       | 0.000 ***       | 29.28 (7.22)          | 0.000 ***       |
| >10 minutes                       | 117                                           | 1                  |                 | 1                     |                 |
| Missing                           | 8                                             |                    |                 |                       |                 |
| Café/tea house                    |                                               |                    |                 |                       |                 |
| 1–5 minutes                       | 37                                            | 8.90 (9.48)        | 0.349           | 0.95 (8.92)           | 0.915           |
| 6–10 minutes                      | 49                                            | 6.34 (8.14)        | 0.437           | –1.12 (8.01)          | 0.888           |
| >10 minutes                       | 182                                           | 1                  |                 | 1                     |                 |
| Missing                           | 86                                            |                    |                 |                       |                 |

S.E.: Standard deviation. <sup>a</sup> Recalibrations of the scale with mid-points: 1–10 minutes = 5 minutes; 11–30 minutes = 20 minutes; 31–60 minutes = 45 minutes; 61–120 minutes = 90 minutes; 121 minutes+ = 180 minutes. <sup>b</sup> Analyses adjusted for city (Yuncheng, Suihua), gender (male, female), age groups (18–35, 36–59), education attainment (junior college or below, bachelor or higher), household income (3000 or below, 3001–5000, 5001+), occupation (employed, self-employed, others). \*  $p \leq 0.05$ , \*\*  $p \leq 0.01$ , \*\*\*  $p \leq 0.001$ .