

Table S2: Cox proportional hazard model for physical inactivity by neighborhood environmental factors - stratified analysis by residential municipality and age group.

| | Unnan 60-74 n = 706 | Unnan 75+ n = 257 | Oki 60-74 n = 365 | Oki 75+ n = 203 | Onan 60-74 n = 680 |
|---|------------------------------------|----------------------------------|----------------------------------|--------------------------------|-----------------------------------|
| | HR (95%CI) | HR (95%CI) | HR (95%CI) | HR (95%CI) | HR (95%CI) |
| Slope (ref. 1st, lowest) | | | | | |
| 2nd | 1.17 (0.89, 1.46) | 1.30 (0.76, 1.85) | 1.55* (1.08, 2.02) | 1.89 (0.82, 2.97) | 0.88 (0.57, 1.20) |
| 3rd | 0.88 (0.60, 1.17) | 1.27 (0.72, 1.81) | 1.74* (1.27, 2.21) | 1.61 (0.58, 2.65) | 1.18 (0.86, 1.50) |
| 4th (highest) | 0.91 (0.60, 1.23) | 1.49 (0.99, 1.99) | 0.89 (0.27, 1.50) | 3.13* (2.09, 4.16) | 0.82 (0.53, 1.10) |
| Distance to community center (ref. 1st, lowest) | | | | | |
| 2nd | 1.17 (0.89, 1.45) | 0.55 (0.03, 1.06) | 1.09 (0.59, 1.60) | 0.48 (-0.58, 1.54) | 0.94 (0.70, 1.26) |
| 3rd | 0.95 (0.66, 1.23) | 0.69 (0.25, 1.14) | 1.06 (0.50, 1.62) | 0.52 (-0.60, 1.64) | 0.95 (0.70, 1.27) |
| 4th (highest) | 0.92 (0.60, 1.25) | 0.72 (0.17, 1.27) | 1.03 (0.55, 1.51) | 0.73 (-0.08, 1.54) | 0.66* (0.47, 0.93) |

Note: All models for each municipality and age group adjusted for sex, smoking drinking, BMI, musculoskeletal disorders. *p<0.05. There were no subjects >= 75 years old in Onan.