**Supplemental Material 1. Value of predictors for each quintile of municipalities.**

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|  | Median (Interquartile range) | | | | |
| Predictors | Quintile 1 (lowest)5 | Quintile 25 | Quintile 35 | Quintile 45 | Quintile 5 (highest)5 |
| Single-person households1 | 197.4 (175.8-210.3) | 238.5 (228.9-247.0) | 276.4 (266.4-286.6) | 317.6 (306.9-328.7) | 384.0 (358.7-423.8) |
| Fatherless households1 | 7.4 (5.7-8.7) | 11.3 (10.5-12.0) | 13.5 (13.0-14.2) | 16.0 (15.2-16.7) | 20.4 (18.7-22.8) |
| Unemployment rate3 | 24.5 (19.8-27.9) | 33.7 (32.1-35.0) | 39.1 (37.6-40.6) | 45.0 (43.1-46.5) | 54.8 (51.1-62.0) |
| Blue-collar workers3 | 58.1 (52.9-61.4) | 67.1 (65.5-68.7) | 73.5 (72.0-75.3) | 81.3 (79.6-84.1) | 96.8 (90.4-107.1) |
| Taxable per-capita income 4 | 782.1 (722.5-830.0) | 951.4 (909.0-984.2) | 1089.3 (1055.5-1129.3) | 1236.1 (1201.5-1283.0) | 1501.2 (1414.5-1649.9) |
| Number of hospital beds2 | 0.0 (0.0-0.0) | 540.4 (381.4-657.3) | 1006.1 (903.6-1116.2) | 1493.7 (1359.0-1666.0) | 2467.5 (2118.0-2975.5) |
| 1Number per 1,000 households; 2Number per 100,000 people;3Number per 1,000 people in the labor force;4Unit: 1,000 yen | | | | | |
| 5Municipalities were classified into quintiles according to each of the predictors, and the municipalities included in each quintile were different depending on the predictors. | | | | | |