

Supplementary



(A) Simple provision



(B) Hands-on provision



(C) Intermediate provision



(D) High-class provision



(E) Middle-class provision



(F) Large-area provision

Fig. A1: Examples of each allotment garden (AG) provision category.

Table A1: Descriptive statistics of each variable of allotment garden (AG) provision: median (IQR); Kruskal–Wallis test: TS and p-value; multiple comparisons in neighborhood grid. IQR, interquartile range; TS, test statistics. Asterisks indicate significant differences (*p < 0.05).

	Descriptive statistics						Kruskal-Wallis test		Multiple comparison		
	(1) Simple provision (N = 69)	(2) Hands-on provision (N = 40)	(3) Intermediate provision (N = 195)	(4) High-class provision (N = 4)	(5) Middle-class provision (N = 3)	(6) Large-area provision (N = 2)	TS	p-value	(1)-(2)	(1)-(3)	(2)-(3)
Population	17,587 (13,730–24,310)	23,583 (14,675–32,237)	28,161 (20,098–34,359)	28,780 (26,004–31,847)	25,100 (24,059–28,646)	791 (710–871)	39	<0.001*	(1)<(2) 0.033*	(1)<(3) <0.001*	0.115
Male	8,682 (6,882–12,301)	12,168 (7,323–15,806)	14,050 (10,149–16,843)	14,124 (12,601–15,582)	12,333 (11,920–13,683)	397 (357–438)	40	<0.001*	(1)<(2) 0.037*	(1)<(3) <0.001*	0.085
Female	8,905 (6,848–12,531)	11,563 (7,209–16,551)	14,177 (10,022–17,122)	14,656 (13,403–16,266)	12,767 (12,140–14,963)	394 (353–434)	38	<0.001*	(1)<(2) 0.032*	(1)<(3) <0.001*	0.142
Young-population percentage (Age 0-14)	12 (11–14)	13 (13–14)	13 (12–14)	12 (11–13)	14 (12–14)	8 (7–9)	10	0.007*	(1)<(2) 0.011*	1.000	(2)>(3) 0.011*
Older-population percentage (Age 65-)	23 (21–25)	23 (21–25)	22 (20–24)	23 (21–24)	21 (20–21)	43 (38–48)	3	0.203			
Households	8,108 (5,456–11,408)	10,482 (5,960–13,925)	12,252 (8,739–15,823)	13,316 (11,220–15,681)	11,852 (10,947–14,419)	245 (200–290)	35	<0.001*	0.223	(1)<(3) <0.001*	(2)<(3) 0.030*
Daytime population	13,141 (9,590–17,445)	15,853 (9,779–18,908)	18,781 (14,185–23,001)	19,678 (19,024–22,579)	18,189 (17,642–22,860)	928 (787–1,069)	37	<0.001*	0.610	(1)<(3) <0.001*	(2)<(3) 0.005*
Average income (10 ³ yen)	4,119 (3,560–4,513)	4,573 (4,008–4,718)	4,417 (3,976–4,751)	4,585 (4,360–5,347)	4,901 (4,748–4,914)	3,218 (3,173–3,263)	20	<0.001*	(1)<(2) 0.009*	(1)<(3) <0.001*	1.000
Built-up percentage (%)	78 (62–85)	81 (64–88)	85 (76–90)	87 (83–92)	76 (74–82)	7 (6–8)	23	<0.001*	0.297	(1)<(3) <0.001*	0.171
Agricultural land-use percentage(%)	10 (7–13)	10 (6–15)	7 (4–10)	5 (3–8)	6 (5–8)	8 (6–10)	37	<0.001*	0.962	(1)>(3) <0.001*	(2)>(3) 0.002*