

Supplementary materials

Table S1. Correlation test for independent variables (total respondents).

	<i>Willingness to contribute</i>	<i>Age</i>	<i>Gender</i>	<i>Marital status</i>	<i>Children number</i>	<i>Education</i>	<i>Residence duration</i>	<i>Household income</i>	<i>Housing type</i>
Willingness to participate	1								
Age	-0.113	1							
Gender	-0.023	0.104	1						
Marital status	0.052	-0.167	-0.046	1					
Children number	-0.036	0.131	0.125	-0.447	1				
Education	0.151	-0.123	0.147	-0.074	-0.009	1			
Residence duration	-0.101	0.424	0.044	-0.021	-0.010	-0.096	1		
Household income	0.021	0.059	-0.108	-0.222	0.186	0.258	-0.003	1	
Housing type	0.119	-0.127	-0.006	-0.026	-0.048	0.439	-0.222	0.322	1

Table S2. Correlation test for independent variables (ger area respondents).

	<i>Willing. to land sharing</i>	<i>Age</i>	<i>Gender</i>	<i>Marital status</i>	<i>Children number</i>	<i>Educa- tion</i>	<i>Housing type</i>	<i>Residence duration</i>	<i>Household income</i>	<i>Land size</i>
Willing. to land sharing	1									
Age	0.010	1								
Gender	0.061	-0.010	1							
Marital status	0.117	0.440	0.252	1						
Children number	0.069	0.089	0.202	0.374	1					
Education	0.134	-0.131	0.227	0.028	-0.037	1				
Housing type	-0.033	-0.046	-0.082	-0.071	-0.049	0.192	1			
Residence duration	0.119	0.502	-0.055	0.198	-0.077	0.010	0.012	1		
Income	0.057	0.049	-0.204	-0.035	0.166	0.186	0.178	0.063	1	
Land size	0.221	-0.071	0.086	0.027	0.077	0.046	0.144	-0.002	-0.111	1

Table S3. Socio-demographic characteristics of the respondents by residential category.

Variable	Category	By residential category (N=535)		
		Ger area		Built-up area
		Ger dwelling (N=100)	Baishin house (N=137)	Apartment (N=298)
Age	Minimum	17	18	17
	Mean	37.2	37.1	33.8
	Median	34.5	35	32
	Maximum	78	70	68
Gender	Male	37 (37%)	62 (45.2%)	119 (40%)
	Female	63 (63%)	75 (54.7%)	179 (60%)
Marital status	Married	68 (68%)	98 (71.5%)	207 (69.5%)
	Single	24 (24%)	34 (24.8%)	79 (26.5%)
	Separated (widower or divorced)	8 (8%)	5 (3.6%)	12 (4%)
Education level	Primary	3 (3%)	0 (0%)	2 (0.7%)
	Secondary	36 (36%)	40 (29.2%)	15 (5%)
	College/vocational	24 (24%)	21 (15.3%)	18 (6%)
	University or higher	37 (37%)	76 (55.5%)	263 (88.3%)
Household income (US \$) *	118.1-369	38 (38%)	36 (26.3%)	35 (11.7%)
	369.1-738	52 (52%)	69 (50.4%)	135 (45.3%)
	738.1-1107	8 (8%)	25 (18.2%)	95 (31.9%)
	>1107	2 (2%)	7 (5.1%)	33 (11.1%)
Number of children	Minimum	0	2	1
	Mean	1.6	3.3	3.8
	Median	1	4	4
	Maximum	6	4	4
Duration of residence	Minimum	1	1	1
	Mean	10	10.7	6.2
	Median	7	10	4
	Maximum	46	40	47
Land size (m ²)	≤ 300	43 (43%)	31 (22.3%)	Not applicable
	301-400	17 (17%)	20 (14.6%)	
	401-500	10 (10%)	16 (11.7%)	
	501-600	7 (7%)	20 (14.6%)	
	601-700	16 (16%)	34 (24.%)	
	≥ 701	7 (7%)	16 (11.7%)	

* Currency rate by November 28, 2019 in Mongolia.