

Supplementary Table 1. Food insecurity status by household income and major causes of food insecurity in the participants with monthly household incomes $\geq 3,000,000$ KRW

| | Qualitative food insecurity (n = 137) | Quantitative and qualitative food insecurity (n = 26) |
|---|---------------------------------------|---|
| Food insecurity status by household income (KRW) | | |
| < 2,000,000 | 18 (13.1) | 7 (26.9) |
| 2,000,000–2,999,999 | 20 (14.6) | 4 (15.4) |
| 3,000,000–4,999,999 | 52 (38.0) | 10 (38.5) |
| $\geq 5,000,000$ | 47 (34.3) | 5 (19.2) |
| Major cause for food insecurity in participants with monthly household incomes $\geq 3,000,000$ KRW | (n = 99) | (n = 15) |
| Insufficient money to buy foods | 8(8.1) | 4(26.7) |
| No variety of foods in the town ¹⁾ | 38(38.4) | - |
| Insufficient time to purchase or cook foods | 38(38.4) | 6(40.0) |
| Mobility difficulties | 0(0.0) | 0.0 |
| Long distances or inconvenient transportation to groceries and restaurants | 0(0.0) | 1(6.7) |
| Being on diet control | 8(8.1) | 1(6.7) |
| Health issues | 1(1.0) | 0(0.0) |
| Being on weight control ²⁾ | - | 1(6.7) |
| Absence of necessary tools ²⁾ | - | 1(6.7) |
| Other | 6(6.1) | 1(6.7) |

n (%)

¹⁾This question was asked only to the qualitative food insecurity group.

²⁾These questions were asked only to the quantitative and qualitative food insecurity group.