**Supplemental Table: Bidirectional cross-lagged dynamic panel model of food insecurity (n = 2,478)**

| | Coef | SE | p value |
|---|---|---|---|
| ***Time variant variables*** | | | |
| IPV perpetration intensity | 0.02 | 0.02 | 0.276 |
| Housing status | 0.01 | 0.13 | 0.962 |
| ***Time invariant variables*** | | | |
| Age at baseline | 0.05 | 0.01 | <0.001 |
| Childhood abuse | 0.05 | 0.01 | <0.001 |
| Alpha | 2.00 | 22.20 | 0.928 |
| **Fit indices** | | | |
| Chi2 | 5.13 | | |
| Chi2 p-value | 0.40 | | |
| Degrees of freedom | 4 | | |
| RMSEA | 0.080 | | |
| CFI | 0.661 | | |
| Coef: standardized coefficient; SE:standard error; IPV: intimate partner violence; RMSEA: root mean squared error of approximation; CFI: comparative fit index | | | |