

Table S1. Conditional Marshall price elasticity and conditional expenditure elasticity (full sample)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Conditional price elasticity													
Rice	-1.065 ***	0.007***	-0.014***	-0.019***	-0.001*	0.021***	0.002***	-0.089***	-0.014***	-0.041***	-0.122***	-0.001	0.423***
Wheat	0.011***	-1.194 ***	-0.036***	0.007***	0.041***	0.037***	0.041***	-0.091***	-0.021***	0.000	0.106***	-0.012***	0.185***
Oils	-0.037***	-0.010***	-0.968 ***	0.002***	-0.005***	0.005***	-0.004***	-0.025***	0.008***	-0.011***	-0.037***	0.001***	0.054***
Pork	0.023***	0.006***	0.001***	-0.804 ***	0.001***	-0.020***	-0.003***	-0.047***	-0.017***	-0.020***	-0.096***	-0.042***	0.013***
Beef	0.201***	0.002***	0.014***	-0.023***	-0.788 ***	-0.017***	0.036***	0.051***	-0.041***	0.050***	0.026***	0.005***	-0.919***
Mutton	-0.027***	0.012***	0.031***	-0.205***	0.000	-0.775 ***	0.019***	0.126***	-0.034***	0.045***	-0.018***	0.029***	-0.498***
Poultry	0.009***	0.010***	-0.002***	-0.008***	0.016***	0.007***	-1.002 ***	-0.008***	-0.010***	0.005***	-0.008***	-0.005***	-0.016***
Eggs	-0.122***	0.001***	-0.031***	-0.173***	-0.042***	-0.009***	0.002***	-0.676 ***	-0.018***	-0.029***	-0.149***	-0.009***	0.437***
Diary	-0.045***	-0.011***	-0.002***	0.050***	-0.015***	-0.017***	-0.015***	0.177***	-0.857 ***	0.025***	0.065***	0.049***	-0.461***
Seafood	-0.043***	0.003***	-0.022***	-0.091***	-0.005***	0.001***	-0.007***	-0.035***	-0.016***	-0.861 ***	-0.102***	0.014***	0.000
Vegetables	-0.051***	0.000	-0.007***	-0.091***	-0.023***	-0.004***	0.004***	-0.042***	-0.015***	-0.022***	-0.749 ***	-0.030***	0.101***
Fruits	0.018***	-0.002***	0.006***	-0.074***	-0.021***	0.004***	0.002***	-0.010***	0.012***	0.024***	-0.059***	-0.892 ***	0.043***
Other grains	1.842***	0.281***	0.269***	0.228***	-1.790***	-0.649***	-0.080***	1.308***	-2.162***	0.030***	1.245***	0.301***	-1.563 ***
Conditional expenditure elasticity	0.912***	0.926***	1.028***	1.005***	1.403***	1.296***	1.012***	0.818***	1.058***	1.163***	0.930***	0.949***	0.740***

Notes: * p < 0.10 , *** p < 0.01. The bold font is own-price elasticity.

Table S2. Conditional Hicksian price elasticity (full sample)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Rice	-1.005 ***	0.028***	0.051***	0.166***	0.027***	0.039***	0.095***	-0.047***	0.052***	0.021***	0.046***	0.091***	0.437***
Wheat	0.072***	-1.173 ***	0.029***	0.195***	0.068***	0.055***	0.136***	-0.049***	0.046***	0.064***	0.276***	0.081***	0.199***
Oils	0.031***	0.013***	-0.895 ***	0.210***	0.026***	0.026***	0.101***	0.022***	0.082***	0.059***	0.152***	0.104***	0.069***
Pork	0.090***	0.029***	0.072***	-0.600 ***	0.031***	0.000	0.099***	-0.002***	0.056***	0.049***	0.089***	0.058***	0.028***
Beef	0.294***	0.035***	0.114***	0.261***	-0.746 ***	0.011***	0.179***	0.115***	0.061***	0.146***	0.284***	0.145***	-0.898***
Mutton	0.059***	0.041***	0.123***	0.057***	0.039***	-0.749 ***	0.152***	0.185***	0.059***	0.133***	0.220***	0.158***	-0.479***
Poultry	0.076***	0.033***	0.069***	0.197***	0.046***	0.027***	-0.898 ***	0.038***	0.063***	0.075***	0.178***	0.096***	-0.001***
Eggs	-0.068***	0.020***	0.027***	-0.007***	-0.018***	0.007***	0.085***	-0.639 ***	0.042***	0.027***	0.001	0.072***	0.450***
Diary	0.025***	0.013***	0.073***	0.264***	0.017***	0.004***	0.093***	0.225***	-0.781 ***	0.098***	0.259***	0.155***	-0.445***
Seafood	0.034***	0.029***	0.060***	0.145***	0.030***	0.024***	0.112***	0.018***	0.068***	-0.781 ***	0.112***	0.130***	0.018***
Vegetables	0.010***	0.021***	0.058***	0.098***	0.005***	0.014***	0.099***	0.000	0.053***	0.042***	-0.578 ***	0.063***	0.115***
Fruits	0.081***	0.020***	0.073***	0.118***	0.007***	0.024***	0.099***	0.033***	0.081***	0.090***	0.115***	-0.798 ***	0.057***
Other grains	1.890***	0.298***	0.321***	0.378***	-1.768***	-0.634***	-0.004***	1.341***	-2.108***	0.081***	1.381***	0.375***	-1.551 ***

Notes: *** p < 0.01. The bold font is own-price elasticity.

Table S3. Unconditional Marshall price elasticity and income elasticity (low-income group)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Unconditional price elasticity													
Rice	-1.152 ***	0.010***	-0.012***	0.052***	-0.014***	0.011***	0.023***	-0.135***	0.000***	-0.029***	-0.074***	0.038***	0.463***
Wheat	0.015***	-1.233 ***	-0.040***	0.092***	0.054***	0.047***	0.042***	-0.053***	-0.004***	-0.056***	0.204***	0.026***	0.135***
Oils	-0.029***	-0.013***	-0.992 ***	0.064***	-0.012***	0.003***	0.023***	-0.022***	0.030***	-0.010***	-0.008***	0.028***	0.059***
Pork	0.060***	0.019***	0.024***	-0.826 ***	0.004***	-0.030***	0.007***	-0.039***	-0.004***	-0.002***	-0.025***	-0.036***	-0.020***
Beef	0.253***	0.023***	0.032***	0.072***	-0.786 ***	-0.018***	0.091***	0.092***	-0.006***	0.050***	0.113***	0.015***	-1.136***
Mutton	-0.042***	0.034***	0.048***	-0.253***	0.001***	-0.687 ***	0.062***	0.154***	-0.020***	0.077***	0.078***	0.092***	-0.701***
Poultry	0.035***	0.014***	0.019***	0.016***	0.023***	0.012***	-0.975 ***	0.002***	-0.010***	0.008***	0.020***	-0.001***	-0.021***
Eggs	-0.197***	0.005***	-0.044***	-0.155***	-0.046***	-0.018***	0.008***	-0.587 ***	-0.026***	-0.052***	-0.125***	-0.001***	0.555***
Diary	-0.040***	-0.010***	0.028***	0.148***	-0.007***	-0.019***	-0.011***	0.275***	-0.882 ***	0.047***	0.140***	0.102***	-0.676***
Seafood	-0.024***	-0.025***	-0.017***	-0.014***	-0.020***	0.009***	0.011***	-0.049***	0.000***	-0.862 ***	-0.077***	0.042***	0.046***
Vegetables	-0.035***	0.022***	-0.002***	-0.024***	-0.028***	0.000***	0.012***	-0.034***	-0.015***	-0.021***	-0.769 ***	-0.031***	0.142***
Fruits	0.060***	0.010***	0.028***	-0.085***	-0.041***	0.014***	0.000***	-0.002***	0.031***	0.029***	-0.069***	-0.852 ***	0.072***
Other grains	1.904***	0.221***	0.282***	-0.231***	-1.781***	-0.749***	-0.111***	1.554***	-2.460***	0.151***	1.517***	0.357***	-1.323 ***
Income elasticity	0.694***	0.651***	0.743***	0.734***	1.020***	0.979***	0.724***	0.579***	0.766***	0.829***	0.662***	0.678***	0.565***

Notes: *** p < 0.01. The bold font is own-price elasticity.

Table S4. Unconditional Marshall price elasticity and income elasticity (lower-middle-income group)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Unconditional price elasticity													
Rice	-1.073 ***	0.013***	-0.006***	0.025***	-0.010***	0.018***	0.020***	-0.097***	-0.002**	-0.037***	-0.084***	0.025***	0.442***
Wheat	0.023***	-1.187 ***	-0.025***	0.065***	0.042***	0.039***	0.051***	-0.054***	-0.004***	-0.008***	0.149***	0.013***	0.139***
Oils	-0.022***	-0.006***	-0.966 ***	0.046***	-0.010***	0.003***	0.017***	-0.013***	0.021***	-0.009***	0.005***	0.025***	0.060***
Pork	0.045***	0.015***	0.016***	-0.777 ***	0.001***	-0.026***	0.012***	-0.038***	-0.005***	-0.013***	-0.049***	-0.026***	0.009***
Beef	0.222***	0.010***	0.031***	0.045***	-0.811 ***	-0.009***	0.066***	0.081***	-0.019***	0.055***	0.092***	0.029***	-0.959***
Mutton	-0.014***	0.021***	0.041***	-0.179***	0.008***	-0.774 ***	0.043***	0.138***	-0.014***	0.057***	0.046***	0.067***	-0.504***
Poultry	0.028***	0.016***	0.013***	0.025***	0.016***	0.008***	-0.981 ***	0.006***	-0.003***	0.009***	0.031***	0.011***	-0.013***
Eggs	-0.129***	0.006***	-0.025***	-0.146***	-0.041***	-0.011***	0.014***	-0.657 ***	-0.012***	-0.032***	-0.099***	0.009***	0.452***
Diary	-0.027***	-0.006***	0.015***	0.100***	-0.016***	-0.017***	-0.002***	0.203***	-0.855 ***	0.032***	0.116***	0.079***	-0.484***
Seafood	-0.030***	0.003***	-0.014***	-0.049***	-0.011***	0.004***	0.012***	-0.029***	-0.004***	-0.845 ***	-0.062***	0.039***	0.014***
Vegetables	-0.036***	0.011***	0.003***	-0.050***	-0.027***	-0.004***	0.018***	-0.027***	-0.006***	-0.018***	-0.728 ***	-0.014***	0.114***
Fruits	0.040***	0.005***	0.021***	-0.054***	-0.029***	0.008***	0.012***	0.004***	0.025***	0.027***	-0.029***	-0.864 ***	0.058***
Other grains	1.835***	0.232***	0.284***	0.118***	-1.792***	-0.698***	-0.076***	1.387***	-2.097***	0.057***	1.327***	0.342***	-1.524 ***
Income elasticity	0.567***	0.562***	0.629***	0.619***	0.865***	0.791***	0.619***	0.499***	0.639***	0.721***	0.567***	0.575***	0.449***

Notes: ** p < 0.05, *** p < 0.01. The bold font is own-price elasticity.

Table S5. Unconditional Marshall price elasticity and income elasticity (middle-income group)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Unconditional price elasticity													
Rice	-1.044 ***	0.012***	-0.002***	0.014***	-0.005***	0.023***	0.020***	-0.080***	-0.004***	-0.038***	-0.082***	0.020***	0.440***
Wheat	0.022***	-1.174 ***	-0.019***	0.051***	0.039***	0.037***	0.055***	-0.058***	-0.004***	0.009***	0.126***	0.010***	0.155***
Oils	-0.019***	-0.004***	-0.953 ***	0.041***	-0.008***	0.004***	0.015***	-0.009***	0.020***	-0.005***	0.011***	0.025***	0.059***
Pork	0.040***	0.013***	0.013***	-0.761 ***	-0.001***	-0.020***	0.016***	-0.033***	-0.005***	-0.015***	-0.053***	-0.019***	0.021***
Beef	0.222***	0.008***	0.033***	0.034***	-0.805 ***	-0.012***	0.061***	0.075***	-0.023***	0.058***	0.094***	0.040***	-0.912***
Mutton	0.000***	0.017***	0.042***	-0.132***	0.003***	-0.805 ***	0.041***	0.133***	-0.014***	0.047***	0.044***	0.054***	-0.439***
Poultry	0.027***	0.016***	0.011***	0.032***	0.014***	0.007***	-0.983 ***	0.007***	0.002***	0.011***	0.039***	0.019***	-0.011***
Eggs	-0.106***	0.008***	-0.018***	-0.134***	-0.042***	-0.008***	0.016***	-0.677 ***	-0.006***	-0.024***	-0.101***	0.011***	0.422***
Diary	-0.024***	-0.003***	0.012***	0.086***	-0.018***	-0.017***	0.005***	0.180***	-0.846 ***	0.028***	0.109***	0.071***	-0.422***
Seafood	-0.025***	0.011***	-0.007***	-0.050***	-0.008***	0.001***	0.015***	-0.019***	-0.004***	-0.847 ***	-0.051***	0.041***	0.007***
Vegetables	-0.034***	0.006***	0.005***	-0.055***	-0.026***	-0.004***	0.021***	-0.026***	-0.002***	-0.016***	-0.710 ***	-0.008***	0.103***
Fruits	0.033***	0.004***	0.019***	-0.037***	-0.024***	0.005***	0.019***	0.005***	0.023***	0.029***	-0.015***	-0.869 ***	0.050***
Other grains	1.856***	0.256***	0.281***	0.278***	-1.838***	-0.671***	-0.065***	1.322***	-2.042***	0.034***	1.269***	0.330***	-1.588 ***
Income elasticity	0.476***	0.492***	0.540***	0.529***	0.741***	0.663***	0.532***	0.434***	0.552***	0.616***	0.491***	0.499***	0.380***

Notes: ** p < 0.05, *** p < 0.01. The bold font is own-price elasticity.

Table S6. Unconditional Marshall price elasticity and income elasticity (upper-middle-income group)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Unconditional price elasticity													
Rice	-1.011 ***	0.012***	0.002***	0.001**	0.003***	0.027***	0.020***	-0.055***	-0.005***	-0.036***	-0.077***	0.015***	0.424***
Wheat	0.027***	-1.170 ***	-0.016***	0.024***	0.037***	0.034***	0.066***	-0.080***	-0.007***	0.030***	0.111***	0.006***	0.201***
Oils	-0.016***	-0.001**	-0.938 ***	0.033***	-0.005***	0.008***	0.015***	-0.004***	0.019***	0.000	0.018***	0.026***	0.058***
Pork	0.036***	0.010***	0.010***	-0.739 ***	-0.003***	-0.016***	0.020***	-0.029***	-0.004***	-0.017***	-0.057***	-0.011***	0.033***
Beef	0.220***	0.007***	0.036***	0.020***	-0.798 ***	-0.018***	0.058***	0.069***	-0.025***	0.060***	0.097***	0.052***	-0.839***
Mutton	0.012***	0.014***	0.051***	-0.100***	-0.005***	-0.817 ***	0.042***	0.142***	-0.015***	0.043***	0.036***	0.047***	-0.411***
Poultry	0.026***	0.016***	0.009***	0.039***	0.012***	0.006***	-0.982 ***	0.009***	0.008***	0.015***	0.047***	0.027***	-0.008***
Eggs	-0.075***	0.007***	-0.011***	-0.125***	-0.043***	-0.005***	0.021***	-0.697 ***	0.001***	-0.014***	-0.105***	0.014***	0.388***
Diary	-0.020***	-0.002***	0.009***	0.075***	-0.019***	-0.016***	0.012***	0.160***	-0.835 ***	0.026***	0.103***	0.066***	-0.370***
Seafood	-0.020***	0.017***	-0.002***	-0.048***	-0.005***	-0.002***	0.020***	-0.010***	-0.002***	-0.847 ***	-0.039***	0.044***	0.000***
Vegetables	-0.032***	-0.001***	0.007***	-0.059***	-0.023***	-0.005***	0.026***	-0.026***	0.001***	-0.014***	-0.688 ***	0.000	0.092***
Fruits	0.028***	0.003***	0.016***	-0.021***	-0.017***	0.002***	0.026***	0.005***	0.022***	0.031***	0.000	-0.877 ***	0.041***
Other grains	1.809***	0.289***	0.264***	0.439***	-1.809***	-0.610***	-0.050***	1.186***	-1.928***	0.001***	1.155***	0.298***	-1.613 ***
Income elasticity	0.366***	0.395***	0.423***	0.412***	0.568***	0.515***	0.417***	0.346***	0.436***	0.479***	0.388***	0.397***	0.305***

Notes: ** p < 0.05, *** p < 0.01. The bold font is own-price elasticity.

Table S7. Unconditional Marshall price elasticity and income elasticity (high-income group)

	Rice	Wheat	Oils	Pork	Beef	Mutton	Poultry	Eggs	Diary	Seafood	Vegetables	Fruits	Other grains
Unconditional price elasticity													
Rice	-0.947 ***	0.010***	0.008***	-0.002***	0.021***	0.026***	0.025***	-0.001 *	-0.002***	-0.031***	-0.088***	0.007***	0.351***
Wheat	0.067***	-1.161 ***	-0.013***	-0.119***	-0.003***	0.011***	0.102***	-0.226***	-0.065***	0.114***	0.113***	-0.049***	0.486***
Oils	-0.005***	0.006***	-0.901 ***	0.030***	0.002***	0.009***	0.015***	0.004***	0.008***	0.010***	0.035***	0.022***	0.061***
Pork	0.023***	0.002***	0.008***	-0.707 ***	-0.003***	-0.008***	0.034***	-0.025***	-0.005***	-0.015***	-0.067***	0.003***	0.053***
Beef	0.209***	0.007***	0.038***	0.022***	-0.738 ***	-0.027***	0.061***	0.038***	-0.041***	0.081***	0.062***	0.059***	-0.669***
Mutton	0.038***	0.006***	0.068***	-0.063***	-0.020***	-0.789 ***	0.051***	0.170***	-0.029***	0.049***	0.000	0.035***	-0.372***
Poultry	0.023***	0.014***	0.007***	0.060***	0.010***	0.004***	-0.976 ***	0.010***	0.015***	0.024***	0.058***	0.040***	-0.002***
Eggs	-0.003***	0.004***	0.003***	-0.145***	-0.049***	0.000	0.032***	-0.722 ***	0.007***	0.010***	-0.140***	0.013***	0.363***
Diary	-0.022***	-0.005***	-0.001***	0.068***	-0.021***	-0.015***	0.027***	0.151***	-0.810 ***	0.033***	0.102***	0.057***	-0.346***
Seafood	-0.014***	0.028***	0.006***	-0.036***	0.007***	-0.002***	0.031***	0.004***	0.005***	-0.853 ***	-0.018***	0.048***	-0.018***
Vegetables	-0.038***	-0.014***	0.012***	-0.081***	-0.019***	-0.008***	0.040***	-0.029***	0.004***	-0.009***	-0.631 ***	0.012***	0.074***
Fruits	0.017***	-0.003***	0.011***	0.006***	-0.007***	-0.002***	0.042***	0.004***	0.016***	0.038***	0.018***	-0.885 ***	0.026***
Other grains	1.780***	0.468***	0.274***	0.873***	-1.583***	-0.428***	-0.015***	1.042***	-2.113***	-0.127***	1.015***	0.229***	-2.023 ***
Income elasticity	0.166***	0.198***	0.187***	0.188***	0.239***	0.229***	0.190***	0.167***	0.209***	0.216***	0.183***	0.192***	0.162***

Notes: * p < 0.10, *** p < 0.01. The bold font is own-price elasticity.