

Supplementary Tables

Table S1. Estimates of the correlation for rice markets under structural break

Price	Markets	Chennai	Mumbai	New Delhi	Patna	Chennai	Mumbai	New Delhi	Patna
		Retail				Wholesale			
		Structural Break 1							
Retail	Chennai	1	0.001	.572**	-0.052	.791**	.277*	.551**	-0.068
	Mumbai	0.001	1	.273*	.385**	.336**	.459**	.418**	.380**
	New Delhi	.572**	.273*	1	0.201	.602**	.662**	.926**	.413**
	Patna	-0.052	.385**	0.201	1	.249*	0.218	0.233	.820**
Wholesale	Chennai	.791**	.336**	.602**	.249*	1	.433**	.688**	0.184
	Mumbai	.277*	.459**	.662**	0.218	.433**	1	.657**	.337**
	New Delhi	.551**	.418**	.926**	0.233	.688**	.657**	1	.404**
	Patna	-0.068	.380**	.413**	.820**	0.184	.337**	.404**	1
Structural Break 2									
Retail	Chennai	1	.966**	.955**	.924**	.973**	.948**	.939**	.914**
	Mumbai	.966**	1	.948**	.907**	.941**	.966**	.929**	.876**
	New Delhi	.955**	.948**	1	.877**	.943**	.931**	.956**	.862**
	Patna	.924**	.907**	.877**	1	.865**	.907**	.848**	.978**
Wholesale	Chennai	.973**	.941**	.943**	.865**	1	.912**	.914**	.854**
	Mumbai	.948**	.966**	.931**	.907**	.912**	1	.959**	.904**
	New Delhi	.939**	.929**	.956**	.848**	.914**	.959**	1	.861**
	Patna	.914**	.876**	.862**	.978**	.854**	.904**	.861**	1
Structural Break 3									
Retail	Chennai	1	.772**	.536**	0.157	.876**	.749**	.526**	.372**
	Mumbai	.772**	1	.704**	.370**	.762**	.825**	.675**	.472**
	New Delhi	.536**	.704**	1	.755**	.669**	.797**	.920**	.765**
	Patna	0.157	.370**	.755**	1	.419**	.596**	.705**	.836**
Wholesale	Chennai	.876**	.762**	.669**	.419**	1	.822**	.724**	.576**
	Mumbai	.749**	.825**	.797**	.596**	.822**	1	.740**	.604**
	New Delhi	.526**	.675**	.920**	.705**	.724**	.740**	1	.775**
	Patna	.372**	.472**	.765**	.836**	.576**	.604**	.775**	1

** and * indicates the significance of Pearson's correlation coefficient, respectively, at one and five per cent level of probability (2-tailed).

Table S2. Estimates of the correlation for wheat markets under structural break

Price	Markets	Chennai	Mumbai	New Delhi	Patna	Chennai	Mumbai	New Delhi	Patna
		Retail				Wholesale			
		Structural Break 1							
Retail	Chennai	1	.922**	.959**	.831**	.944**	.913**	.928**	.747**
	Mumbai	.922**	1	.953**	.833**	.848**	.972**	.896**	.720**
	New Delhi	.959**	.953**	1	.819**	.924**	.947**	.969**	.736**
	Patna	.831**	.833**	.819**	1	.704**	.841**	.837**	.858**
Wholesale	Chennai	.944**	.848**	.924**	.704**	1	.834**	.897**	.642**
	Mumbai	.913**	.972**	.947**	.841**	.834**	1	.905**	.756**
	New Delhi	.928**	.896**	.969**	.837**	.897**	.905**	1	.781**
	Patna	.747**	.720**	.736**	.858**	.642**	.756**	.781**	1
Structural Break 2									
Retail	Chennai	1	.889**	.880**	.822**	.951**	.861**	.907**	.819**
	Mumbai	.889**	1	.900**	.838**	.781**	.932**	.897**	.829**
	New Delhi	.880**	.900**	1	.828**	.849**	.905**	.961**	.833**
	Patna	.822**	.838**	.828**	1	.740**	.824**	.841**	.995**
Wholesale	Chennai	.951**	.781**	.849**	.740**	1	.791**	.854**	.745**
	Mumbai	.861**	.932**	.905**	.824**	.791**	1	.902**	.828**
	New Delhi	.907**	.897**	.961**	.841**	.854**	.902**	1	.842**
	Patna	.819**	.829**	.833**	.995**	.745**	.828**	.842**	1
Structural Break 3									
Retail	Chennai	1	.724**	-.527**	-0.175	.871**	0.278	-0.266	-.627**
	Mumbai	.724**	1	-.529**	-0.137	.509**	.451**	-.451**	-.467**
	New Delhi	-.527**	-.529**	1	-.527**	-0.200	-.562**	.721**	.606**
	Patna	-0.175	-0.137	-.527**	1	-0.252	0.150	-0.244	0.029
Wholesale	Chennai	.871**	.509**	-0.200	-0.252	1	-0.046	0.171	-.514**
	Mumbai	0.278	.451**	-.562**	0.150	-0.046	1	-.613**	-0.263
	New Delhi	-0.266	-.451**	.721**	-0.244	0.171	-.613**	1	0.167
	Patna	-.627**	-.467**	.606**	0.029	-.514**	-0.263	0.167	1

** and * indicates the significance of Pearson's correlation coefficient, respectively, at one and five per cent level of probability (2-tailed).