

APPENDIX

Appendix 1: Estimated ARDL (8, 0) long-run and short-run relationship for local price of rice in Cambodia and international price

ARDL Cointegrating And Long Run Form

Dependent Variable: LP1

Selected Model: ARDL(8, 0)

Date: 10/21/15 Time: 06:18

Sample: 2009M01 2015M08

Included observations: 72

Cointegrating Form				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LP1(-1))	-0.273987	0.114721	-2.388286	0.0200
D(LP1(-2))	-0.040563	0.109550	-0.370272	0.7124
D(LP1(-3))	-0.067677	0.107943	-0.626972	0.5330
D(LP1(-4))	-0.068767	0.105176	-0.653827	0.5156
D(LP1(-5))	0.009455	0.103311	0.091522	0.9274
D(LP1(-6))	-0.286635	0.103605	-2.766616	0.0075
D(LP1(-7))	-0.268146	0.104332	-2.570134	0.0126
D(IP)	0.168557	0.037222	4.528369	0.0000
CointEq(-1)	-0.299570	0.081653	-3.668819	0.0005
Cointeq = LP1 - (0.5627*IP + 138.8589)				
Long Run Coefficients				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
IP	0.562664	0.143326	3.925759	0.0002
C	138.858902	71.671409	1.937438	0.0573

Appendix 2: Estimated ARDL (4, 1) long-run and short-run relationship for local price of rice in Thailand and international price of rice

ARDL Cointegrating And Long Run Form

Dependent Variable: LP2

Selected Model: ARDL(4, 1)

Date: 10/22/15 Time: 00:49

Sample: 2009M01 2015M08

Included observations: 76

Cointegrating Form				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LP2(-1))	-0.097812	0.049781	-1.964844	0.0535
D(LP2(-2))	0.045691	0.044832	1.019142	0.3117
D(LP2(-3))	-0.117301	0.041766	-2.808532	0.0065
D(IP)	1.003065	0.043844	22.877980	0.0000
CointEq(-1)	-0.672154	0.096969	-6.931659	0.0000
Cointeq = LP2 - (0.9818*IP -38.3276)				
Long Run Coefficients				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
IP	0.981757	0.019413	50.572105	0.0000
C	-38.327641	9.920595	-3.863442	0.0002

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Appendix 3: Estimated ARDL (4, 1) long-run and short-run relationship for local price of rice in Thailand and international price of rice

ARDL Cointegrating And Long Run Form

Dependent Variable: LP3

Selected Model: ARDL(2, 1)

Date: 10/22/15 Time: 00:51

Sample: 2009M01 2015M08

Included observations: 78

Cointegrating Form				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LP3(-1))	0.404327	0.087475	4.622183	0.0000
D(IP)	0.433812	0.088356	4.909826	0.0000
CointEq(-1)	-0.212821	0.049478	-4.301356	0.0001
Cointeq = LP3 - (0.1401*IP + 300.9039)				
Long Run Coefficients				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
IP	0.140099	0.133423	1.050036	0.2972
C	300.903877	68.211260	4.411352	0.0000

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Appendix 4: Estimated ARDL (2, 2, 1) long-run and short-run relationship for local price of rice in Vietnam with local price of rice in Cambodia and Thailand

ARDL Cointegrating And Long Run Form

Dependent Variable: LP3

Selected Model: ARDL(2, 2, 1)

Date: 10/21/15 Time: 06:31

Sample: 2009M01 2015M08

Included observations: 78

Cointegrating Form				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
D(LP3(-1))	0.389760	0.091189	4.274181	0.0001
D(LP1)	0.188068	0.100369	1.873758	0.0651
D(LP1(-1))	0.147447	0.097939	1.505499	0.1367
D(LP2)	0.396478	0.094145	4.211344	0.0001
CointEq(-1)	-0.224064	0.051612	-4.341339	0.0000
Cointeq = LP3 - (0.2830*LP1 + 0.0393*LP2 + 235.6002)				
Long Run Coefficients				
Variable	Coefficient	Std. Error	t-Statistic	Prob.
LP1	0.283040	0.260608	1.086076	0.2812
LP2	0.039257	0.153221	0.256211	0.7985
C	235.600232	98.308890	2.396530	0.0192

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Appendix 5: Valorem tax (subsidy) rate on paddy firm's purchase on domestic products of Cambodia in 2003, Thailand and Vietnam in 2005

rTFD	1 CAM	2 THA	3 VMN
1 Paddy	0.00	0.00	0.00
2 MilledRice	0.00	0.00	0.00
3 OtherCrop	0.00	0.00	0.00
4 ProcFood	0.00	0.00	0.00
5 Lstk_Meat	0.00	0.00	0.00
6 OtherAgri	0.00	0.00	0.00
7 Manufactg	0.00	4.73	-0.01
8 Services	0.00	0.00	0.07
Total	0.00	4.73	0.06

Appendix 6: Valorem tax (subsidy) rate on paddy firm's purchase on imported products of Cambodia in 2003, Thailand and Vietnam in 2005

rTFI	1 CAM	2 THA	3 VMN
1 Paddy	0.00	0.00	0.00
2 MilledRice	0.00	0.00	0.00
3 OtherCrop	0.00	0.00	0.00
4 ProcFood	0.00	0.00	0.00
5 Lstk_Meat	0.00	0.00	0.00
6 OtherAgri	0.00	0.00	0.00
7 Manufactg	0.00	0.24	-0.03
8 Services	0.00	0.00	0.08
Total	0.00	0.24	0.05

Appendix 7: Valorem tax (subsidy) rate on primary factors used in paddy production of Cambodia in 2003, Thailand and Vietnam in 2005

rTF	1 CAM	2 THA	3 VMN
1 Land	2.04	0.28	1.06
2 Labour	2.2	1.86	1.06
3 Capital	2.04	0.28	1.06

Appendix 8: Valorem tax (subsidy) rate on milled rice export from Cambodia in 2003, Thailand and Vietnam in 2005 to all regions in the world

RTXS	1 CAM	2 THA	3 VNM
4 RstASEAN	0	0	0
5 EastAsia	0	0	0
6 SouthAsia	0	0	0
7 EU_25	0	0	0
8 NAmerica	0	0	0
9 ROW	0	0	0
Total	0	0	0



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