

# Supply Estimation

*Tristan Hanon & Shanchao Wang*

*10/16/2018*

Table 1:

	<i>Dependent variable:</i>				
	Aggregate (1)	Maize (2)	Rice (3)	Soybeans (4)	Wheat (5)
Supply Elast.	0.038 (0.042)	0.106* (0.057)	0.081*** (0.017)	0.021 (0.062)	0.012 (0.038)
Observations	54	54	27	54	54
R <sup>2</sup>	0.995	0.984	0.986	0.991	0.980
Adjusted R <sup>2</sup>	0.995	0.983	0.983	0.990	0.978

*Note:*

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 2:

	<i>Dependent variable:</i>				
	Aggregate (1)	Maize (2)	Rice (3)	Soybeans (4)	Wheat (5)
Supply Elast.	0.089*** (0.017)	0.139*** (0.024)	0.043** (0.015)	0.031 (0.108)	0.063*** (0.024)
Shock	1.239*** (0.111)	1.232*** (0.135)	1.490*** (0.345)	0.895*** (0.153)	1.139*** (0.106)
Observations	54	54	27	54	54
R <sup>2</sup>	0.999	0.996	0.993	0.994	0.994
Adjusted R <sup>2</sup>	0.999	0.996	0.991	0.994	0.994

*Note:*

\*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 3:

	<i>Dependent variable:</i>				
	Aggregate (1)	Maize (2)	Rice (3)	Soybeans (4)	Wheat (5)
Supply Elast.	0.102*** (0.023)	0.203*** (0.065)	0.135 (0.095)	0.264* (0.158)	0.075 (0.058)
Shock	1.291*** (0.101)	1.269*** (0.146)	0.311 (1.314)	0.935*** (0.126)	1.160*** (0.078)
Observations	53	53	27	53	53
R <sup>2</sup>	0.999	0.996	0.980	0.991	0.993
Adjusted R <sup>2</sup>	0.999	0.995	0.975	0.990	0.993

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 4:

	<i>Dependent variable:</i>				
	Aggregate (1)	Maize (2)	Rice (3)	Soybeans (4)	Wheat (5)
Supply Elast.	0.038 (0.042)	0.150*** (0.057)	-0.005 (0.077)	-0.006 (0.062)	0.236*** (0.038)
Observations	54	54	27	54	54
R <sup>2</sup>	0.995	0.881	0.745	0.949	0.838
Adjusted R <sup>2</sup>	0.995	0.872	0.699	0.945	0.825

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 5:

	<i>Dependent variable:</i>				
	Aggregate (1)	Maize (2)	Rice (3)	Soybeans (4)	Wheat (5)
Supply Elast.	0.089*** (0.017)	0.302*** (0.024)	-0.005 (0.088)	0.019 (0.108)	0.325*** (0.024)
Shock	1.239*** (0.111)	1.343*** (0.135)	0.006 (0.540)	1.118*** (0.153)	1.092*** (0.106)
Observations	54	54	27	54	54
R <sup>2</sup>	0.999	0.985	0.745	0.976	0.914
Adjusted R <sup>2</sup>	0.999	0.984	0.685	0.974	0.906

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

Table 6:

	<i>Dependent variable:</i>				
	Aggregate	Maize	Rice	Soybeans	Wheat
	(1)	(2)	(3)	(4)	(5)
Supply Elast.	0.102*** (0.023)	0.272*** (0.065)	-0.242 (0.288)	0.039 (0.158)	0.670*** (0.058)
Shock	1.291*** (0.101)	1.340*** (0.146)	-0.638 (0.962)	1.123*** (0.126)	1.444*** (0.078)
Observations	53	53	27	53	53
R <sup>2</sup>	0.999	0.985	0.657	0.974	0.807
Adjusted R <sup>2</sup>	0.999	0.983	0.575	0.971	0.786
<i>Note:</i>			*p<0.1; **p<0.05; ***p<0.01		