Table 1: Cross-section Regression Models explaining Crop Revenue per Acre

	Log(Corn Rev) Cross-section	Log(Cotton Rev) Cross-section	Log(Hay Rev) Cross-section	Log(Wheat Rev) Cross-section	Log(Soybean Rev) Cross-section
	(1)	(2)	(3)	(4)	(5)
Average Temperature	12.51	−92.66***	32.41**	−50.00	25.97**
	(15.72)	(20.27)	(14.83)	(49.82)	(12.40)
Average Temperature Squared	−0.43	2.25***	−0.89**	1.38	−0.76**
	(0.45)	(0.44)	(0.42)	(1.59)	(0.35)
Precipitation	9.34	8.33	15.33*	44.83	1.80
	(7.03)	(5.28)	(8.75)	(28.63)	(3.14)
Precipitation Squared	−0.16	−0.18	−0.31*	−1.00	−0.02
	(0.13)	(0.11)	(0.17)	(0.66)	(0.06)
Weights	Acres	Acres	Acres	Acres	Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	226	2,127
R^2	0.79	0.65	0.74	0.63	0.76
Adjusted R^2	0.78	0.64	0.74	0.62	0.76

Notes: All coefficients multiplied by 100

Table 2: Cross-section Regression Models explaining Crop Revenue per Acre

	Log(Corn Rev) Cross-section	Log(Cotton Rev) Cross-section	Log(Hay Rev) Cross-section	Log(Wheat Rev) Cross-section	Log(Soybean Rev) Cross-section
	(1)	(2)	(3)	(4)	(5)
Degree Days (0-10C)	−0.09	−0.19***	0.11	−1.82***	−0.05
	(0.10)	(0.02)	(0.09)	(0.68)	(0.04)
Degree Days (10-30C)	0.04	0.12***	−0.00	0.89***	0.04***
	(0.03)	(0.01)	(0.03)	(0.32)	(0.02)
Degree Days (30C)	−0.41**	−0.47***	−0.19	−3.65**	−0.49***
	(0.21)	(0.13)	(0.21)	(1.60)	(0.15)
Precipitaton	9.99	2.01	17.24**	3.32	5.71
	(6.77)	(5.90)	(7.99)	(2.53)	(5.36)
Precipitation Squared	−0.19	−0.10	−0.36**	−0.03	−0.11
	(0.13)	(0.12)	(0.16)	(0.08)	(0.09)
Weights	Acres	Acres	Acres	Acres	Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	226	2,127
R^2	0.79	0.68	0.73	0.79	0.76
Adjusted R^2	0.79	0.67	0.72	0.78	0.75

Notes: All coefficients multiplied by 100

Table 3: Cross-section Regression Models explaining Proportion of Acres by Crop

	Corn Acres Cross-section	Cotton Acres Cross-section	Hay Acres Cross-section	Wheat Acres Cross-section	Soybean Acres Cross-section
	(1)	(2)	(3)	(4)	(5)
Average Temperature	273.5996**	350.6467**	−161.8425	−56.9302**	81.0202
	(123.3346)	(154.5733)	(177.5992)	(26.8759)	(81.0352)
Average Temperature Squared	−7.7489**	−7.4757**	2.8965	0.5647	−1.4560
	(3.4592)	(3.3027)	(4.9816)	(1.6005)	(2.2247)
Precipitation	38.6639	−110.5715***	−24.3835	−330.7217***	39.1313
	(36.7314)	(17.5613)	(75.1498)	(115.4245)	(35.2905)
Precipitation Squared	−0.5612	1.4706***	0.7261	7.0256***	−0.6653
	(0.7206)	(0.3082)	(1.4596)	(2.6072)	(0.6476)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,348	877	1,897	227	2,127
R^2	0.7312	0.6038	0.4993	0.8941	0.5927
Adjusted R^2	0.7272	0.5950	0.4918	0.8907	0.5861

Notes: All coefficients multiplied by 1000

Table 4: Cross-section Regression Models explaining Proportion of Acres by Crop

	Corn Acres Cross-section	Cotton Acres Cross-section	Hay Acres Cross-section	Wheat Acres Cross-section	Soybean Acres Cross-section
	(1)	(2)	(3)	(4)	(5)
Degree Days (0-10C)	0.2798	0.0255	2.8780	−3.7352	−0.5932
	(5.8004)	(2.3879)	(14.1516)	(18.6070)	(6.1020)
Degree Days (10-30C)	0.0913	0.0728	−1.9736	1.7484	0.7611
	(1.3816)	(1.2349)	(5.5086)	(7.2338)	(2.7974)
Degree Days (30C)	−1.9811	1.4090	8.7490	−11.0169	−4.6716
	(10.7395)	(9.4995)	(34.9004)	(36.2188)	(14.5219)
Precipitaton	76.1325	−83.2485	−35.8523	−383.2215	37.1045
	(443.4097)	(258.8133)	(588.7664)	(841.5087)	(261.8144)
Precipitation Squared	−1.3518	1.0648	1.1558	8.0873	−0.8106
	(8.7052)	(3.9525)	(11.9950)	(20.3064)	(5.0724)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,348	877	1,897	227	2,127
R^2	0.7057	0.6023	0.5425	0.9184	0.6114
Adjusted R^2	0.7012	0.5930	0.5354	0.9154	0.6049

Notes: All coefficients multiplied by 1000