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	−3.76	−8.46**	−0.72	−3.24	−2.42
	(2.40)	(4.07)	(2.60)	(6.41)	(2.43)
Average Temperature Squared	−0.43	2.25***	−0.89**	0.61	−0.76**
	(0.45)	(0.44)	(0.42)	(1.12)	(0.35)
Precipitation	0.51	−1.32	−1.66	−11.00**	0.57
	(1.00)	(1.33)	(1.35)	(5.24)	(0.70)
Precipitation Squared	−0.16	−0.18	−0.31*	−1.01**	−0.02
	(0.13)	(0.11)	(0.17)	(0.51)	(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	395	2,127
R^2	0.79	0.65	0.74	0.65	0.76
Adjusted R^2	0.78	0.64	0.74	0.64	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	−0.81	−0.05
	(0.10)	(0.02)	(0.09)	(0.59)	(0.04)
Degree Days (10-30C)	0.04	0.12***	−0.00	0.27	0.04***
	(0.03)	(0.01)	(0.03)	(0.24)	(0.02)
Degree Days (30C)	−0.41**	−0.47***	−0.19	−0.46	−0.49***
	(0.21)	(0.13)	(0.21)	(0.85)	(0.15)
Precipitaton	−0.20	−3.23***	−2.38	−11.32***	−0.33
	(1.04)	(1.18)	(1.49)	(3.90)	(1.02)
Precipitation Squared	−0.19	−0.10	−0.36**	−1.04***	−0.11
	(0.13)	(0.12)	(0.16)	(0.33)	(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	395	2,127
R^2	0.79	0.68	0.73	0.67	0.76
Adjusted R^2	0.79	0.67	0.72	0.66	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	−2.09**	−8.37***	−0.21	15.98***	0.54
	(0.85)	(0.00)	(0.93)	(3.52)	(0.94)
Average Temperature Squared	−0.07	1.02***	1.36***	1.98***	−0.16
	(0.26)	(0.00)	(0.26)	(0.41)	(0.20)
Precipitation	1.17*	0.20***	3.41***	0.03	0.96
	(0.68)	(0.00)	(0.97)	(2.64)	(0.66)
Precipitation Squared	0.10	−0.37***	−0.17**	0.57***	−0.04
	(0.06)	(0.00)	(0.08)	(0.17)	(0.04)
Constant	−0.85	−12.97***	−9.06	−13.74***	2.79
	(5.37)	(0.00)	(7.07)	(2.83)	(3.06)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	None	None	None	None	None
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	395	2,127

Notes: All coefficients multiplied by 100

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)	−0.18***	0.40	0.12	−1.07***	−0.15**
	(0.00)	(0.43)	(0.17)	(0.19)	(0.07)
Degree Days (10-30C)	0.08***	−0.09	−0.08	0.47***	0.07**
	(0.00)	(0.08)	(0.07)	(0.11)	(0.03)
Degree Days (30C)	−0.51***	0.12	0.48*	−0.96*	−0.32*
	(0.00)	(0.35)	(0.28)	(0.53)	(0.18)
Precipitaton	−1.95***	−1.95	3.06*	4.08	0.56
	(0.00)	(2.22)	(1.58)	(3.45)	(0.73)
Precipitation Squared	−0.34***	−0.10	0.03	0.75***	−0.12***
	(0.00)	(0.15)	(0.10)	(0.12)	(0.04)
Constant	6.66***	−31.06	−2.04	7.37**	2.63
	(0.00)	(21.25)	(7.28)	(3.54)	(2.94)
Weights	Total Acres	Total Acres	Total Acres	Total Acres	Total Acres
Fixed-effect	None	None	None	None	None
Cluster SE	State	State	State	State	State
Observations	2,346	823	1,897	395	2,127

Notes: All coefficients multiplied by 100