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	9.95	−52.77**	32.33**	−20.55	24.68*
	(16.12)	(21.64)	(14.81)	(30.92)	(13.62)
Average Temperature Squared	−0.36	1.42***	−0.88**	0.42	−0.73*
	(0.46)	(0.44)	(0.42)	(0.93)	(0.39)
Precipitation	9.63	9.65*	15.86*	43.68**	2.01
	(6.93)	(5.37)	(8.86)	(20.21)	(3.09)
Precipitation Squared	−0.16	−0.20*	−0.32*	−1.01**	−0.02
	(0.13)	(0.11)	(0.17)	(0.45)	(0.05)
Weights	Acres	Acres	Acres	Acres	Acres
Fixed-effect	State	State	State	State	State
Cluster SE	State	State	State	State	State
Observations	2,346	822	1,897	395	2,120
R^2	0.80	0.66	0.74	0.66	0.75
Adjusted R^2	0.79	0.66	0.74	0.65	0.75

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)	−0.12	−0.35	0.09	−0.87*	−0.11
	(0.12)	(0.24)	(0.09)	(0.51)	(0.10)
Degree Days (10-30C)	0.05	0.14***	0.01	0.28	0.06**
	(0.04)	(0.03)	(0.03)	(0.21)	(0.03)
Degree Days (30C)	−0.41*	−0.34***	−0.19	−0.28	−0.52***
	(0.24)	(0.13)	(0.22)	(0.72)	(0.15)
Precipitaton	10.54	5.67	17.96**	47.95***	5.96
	(6.80)	(6.05)	(8.04)	(13.59)	(5.12)
Precipitation Squared	−0.19	−0.15	−0.38**	−1.10***	−0.11
	(0.13)	(0.12)	(0.16)	(0.31)	(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	822	1,897	395	2,120
R^2	0.80	0.68	0.73	0.69	0.76
Adjusted R^2	0.80	0.67	0.72	0.69	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	16.26***	−53.08***	−53.32***	−80.63***	−1.07***
	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)
Average Temperature Squared	−0.56***	1.13***	1.41***	2.69***	0.02***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Precipitation	6.84***	23.13***	1.37***	−25.40***	9.00***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Precipitation Squared	−0.11***	−0.42***	0.05***	0.44***	−0.15***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Constant	−204.03***	268.09***	391.92***	921.33***	−113.93***
	(0.01)	(0.17)	(0.00)	(0.00)	(0.00)
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	822	1,897	395	2,120

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)	−0.23***	1.70***	0.28***	−1.29***	−0.18***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Degree Days (10-30C)	0.09***	−0.46***	−0.19***	0.51***	0.11***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Degree Days (30C)	−0.54***	1.49***	0.90***	−0.71***	−0.64***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Precipitaton	16.28***	34.17***	−13.33***	−41.59***	11.00***
	(0.00)	(0.01)	(0.00)	(0.00)	(0.00)
Precipitation Squared	−0.33***	−0.53***	0.38***	0.92***	−0.23***
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
Constant	89.50***	−3,037.80***	−149.49***	1,932.49***	33.48***
	(0.01)	(0.49)	(0.03)	(0.00)	(0.00)
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	822	1,897	395	2,120

Notes: All coefficients multiplied by 100