Agriculture vs Non Agri

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Table 1: Ag vs NonAg

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
tmax	0.2376	0.4462				
	(0.2676)	(0.2908)				
Job_SectorAgriculture1	23.1209*	24.1220*	-31.6559**	-33.9452**	181.8274***	415.8255***
	(10.3735)	(11.3092)	(9.9469)	(11.3387)	(51.0297)	(62.5307)
tmax × Job_SectorAgriculture1	-1.1808***	-1.2112***				
	(0.3331)	(0.3632)				
temp_effective			-0.5629***	-0.6978***		
			(0.0749)	(0.0993)		
temp_effective × Job_SectorAgriculture1			0.5814*	0.6657*		
			(0.2548)	(0.2916)		
heat_acc					0.0004	0.0001
					(0.0025)	(0.0026)
caplab					7.1043	18.7234*
					(6.0449)	(7.9401)
heat_acc × caplab					0.0053+	-0.0015
					(0.0028)	(0.0040)
heat_acc × Job_SectorAgriculture1					0.0630*	0.0585+
					(0.0295)	(0.0350)
caplab × Job_SectorAgriculture1					-241.9727***	-542.5409***
					(63.8511)	(78.2241)
heat_acc × caplab × Job_SectorAgriculture1					-0.0799*	-0.0721
					(0.0369)	(0.0438)
Num.Obs.	4037	4037	4037	4037	4037	4037
R2	0.135	0.141	0.149	0.162	0.238	0.308
R2 Adj.	0.036	-0.147	0.053	-0.119	0.150	0.075
RMSE	17.90	17.83	17.75	17.62	16.80	16.01
FE: as.factor(State_District_72)	X	X	X	X	X	X
FE: as.factor(State_Region)^as.factor(round)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 2: Ag vs NonAg (Log share)

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
tmax	0.0145+	0.0122+				
	(0.0075)	(0.0071)				
Job_SectorAgriculture1	0.5676*	0.5815*	-0.7497**	-0.7909**	-0.2112*	-0.2171*
	(0.2632)	(0.2883)	(0.2449)	(0.2774)	(0.0862)	(0.0935)
tmax × Job_SectorAgriculture1	-0.0283***	-0.0287**				
	(0.0084)	(0.0092)				
temp_effective			-0.0153***	-0.0179***		
			(0.0021)	(0.0027)		
temp_effective × Job_SectorAgriculture1			0.0144*	0.0159*		
			(0.0062)	(0.0071)		
heat_acc					0.0000	0.0000
					(0.0000)	(0.0000)
heat_acc × Job_SectorAgriculture1					-0.0000	-0.0000
					(0.0000)	(0.0000)
Num.Obs.	4037	4037	4037	4037	4037	4037
R2	0.149	0.171	0.170	0.195	0.139	0.160
R2 Adj.	0.053	-0.107	0.076	-0.076	0.041	-0.122
RMSE	0.45	0.44	0.44	0.43	0.45	0.44
FE: as.factor(State_District_72)	X	X	X	X	X	X
FE: as.factor(State_Region)^as.factor(round)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 3: Ag vs NonAg (MPCE in Rs)

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
tmax	-93.9681**	-19.1252+				
	(35.5128)	(10.8763)				
Job_SectorAgriculture1	-463.1613***	-474.3562***	173.4556	-762.9738***	-191.3430***	-196.0652***
	(89.5212)	(94.3000)	(159.0960)	(108.5524)	(32.8210)	(34.5460)
tmax × Job_SectorAgriculture1	5.9023*	6.2075*				

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
	(2.8516)	(3.0038)				
temp_effective			-9.2145***	-2.3550*		
			(1.4609)	(0.9245)		
temp_effective × Job_SectorAgriculture1			-10.1939*	12.7484***		
			(4.0546)	(2.7404)		
heat_acc					0.1891***	0.0237
					(0.0220)	(0.0171)
heat_acc × Job_SectorAgriculture1					-0.0497**	-0.0483**
					(0.0171)	(0.0178)
Num.Obs.	4037	4037	4037	4037	4037	4037
R2	0.298	0.839	0.317	0.842	0.308	0.839
R2 Adj.	0.219	0.785	0.239	0.789	0.230	0.785
RMSE	396.89	190.07	391.71	188.53	394.08	189.94
FE: as.factor(State_District_72)	X	X	X	X	X	X
FE: as.factor(State_Region)^as.factor(round)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 4: Ag vs NonAg (Food monthly in Rs)

	(1)	(2)	(3)	(4)	(5)	(6)
tmax	-523.7216**	-8.9127				
	(195.7379)	(20.4467)				
Job_SectorAgriculture1	-394.4410	-484.0581	4680.9592***	-671.6347*	-729.6687***	-754.0276***
	(303.0393)	(299.7398)	(1010.3525)	(290.4038)	(84.5671)	(89.1521)
tmax × Job_SectorAgriculture1	-3.4544	-0.8522				
	(9.5559)	(9.4442)				
temp_effective			-37.7584***	-4.7862		
			(6.4067)	(3.1378)		
temp_effective × Job_SectorAgriculture1			-127.2402***	5.0004		
			(25.8285)	(7.2911)		
heat_acc					0.1720+	0.0335
					(0.0882)	(0.0661)
heat_acc × Job_SectorAgriculture1					0.1248**	0.1327**
					(0.0456)	(0.0476)
Num.Obs.	4037	4037	4037	4037	4037	4037
R2	0.169	0.922	0.206	0.923	0.163	0.923
R2 Adj.	0.074	0.896	0.116	0.897	0.068	0.897
RMSE	2021.76	617.34	1975.63	616.87	2028.96	615.95
FE: as.factor(State_District_72)	X	X	X	X	X	X
FE: as.factor(State_Region)^as.factor(round)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 5: Ag vs NonAg (Education & Health Annual in Rs)

	(1)	(2)	(3)	(4)	(5)	(6)
tmax	4983.0189***	-1237.4048				
	(764.8493)	(782.5391)				
Job_SectorAgriculture1	-3132.4549**	-2932.8520*	-434.5098	-5676.9713**	-2619.3152***	-2552.6248***
	(1172.4993)	(1310.1375)	(1672.8959)	(1728.9310)	(418.5064)	(445.3382)
tmax × Job_SectorAgriculture1	29.0914	22.0334				
	(38.7977)	(43.1331)				
temp_effective			-62.1495*	-38.2914+		
			(26.8446)	(20.1873)		
temp_effective × Job_SectorAgriculture1			-36.3623	96.4554*		
			(46.4319)	(46.8288)		
heat_acc					-1.2616***	-0.3093
					(0.2534)	(0.7265)
heat_acc × Job_SectorAgriculture1					0.1985	0.1547
					(0.2071)	(0.2214)
Num.Obs.	2937	2937	2937	2937	2937	2937
R2	0.194	0.731	0.173	0.732	0.173	0.731
R2 Adj.	0.065	0.628	0.040	0.629	0.041	0.627
RMSE	6036.55	3485.34	6114.52	3483.04	6113.79	3488.32
FE: as.factor(State_District_72)	X	X	X	X	X	X
FE: as.factor(State_Region)^as.factor(round)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

$\%\Delta y = e^{\beta \Delta x} - 1$

Using tmax result $\%\Delta y = -0.0283\%$ Mean share ag = 43.83%

Table 6: LONG DIFF: Ag vs NonAg (diff in log share)

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
(Intercept)	0.2535***		0.2620***		0.2292***	
	(0.0185)		(0.0197)		(0.0490)	
tmax_diff	-0.1734*	-0.2111*				
	(0.0716)	(0.0841)				
Job_SectorAgriculture	-0.5197***	-0.5207***	-0.5259***	-0.5239***	-0.5311***	-0.5400***
	(0.0346)	(0.0347)	(0.0350)	(0.0353)	(0.0992)	(0.0993)
tmax_diff × Job_SectorAgriculture	0.3283*	0.3138*				
	(0.1350)	(0.1352)				
temp_effect_diff			0.1127	0.1517		
			(0.3952)	(0.4219)		

	temp	temp	effective temp	effective temp	heat accumulation	heat accumulation
temp__effect__diff × Job__SectorAgriculture			4.3491*	5.4679*		
			(1.8852)	(2.5304)		
heat__acc__diff					0.0001	0.0000
					(0.0001)	(0.0001)
heat__acc__diff × Job__SectorAgriculture					-0.0000	0.0000
					(0.0002)	(0.0002)
Num.Obs.	739	739	739	739	739	739
R2	0.399	0.428	0.395	0.425	0.390	0.418
R2 Adj.	0.396	0.333	0.393	0.330	0.387	0.322
RMSE	0.33	0.32	0.33	0.33	0.34	0.33
FE: as.factor(State__Region)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 7: LONG DIFF: Ag vs Non Ag (diff in MPCE)

	(1)	(2)	(3)	(4)	(5)	(6)
(Intercept)	655.5491***		657.3723***		767.7741***	
	(19.3271)		(18.5650)		(62.1929)	
tmax__diff	-30.7488	-13.9920				
	(55.8159)	(113.2199)				
Job__SectorAgriculture	-202.4203***	-203.2965***	-204.7644***	-204.4563***	-226.9128***	-229.8997***
	(14.3256)	(13.8468)	(13.7259)	(14.6133)	(29.8917)	(28.7624)
tmax__diff × Job__SectorAgriculture	19.2968	7.9597				
	(47.9780)	(41.1981)				
temp__effect__diff			-407.7001**	-354.2215+		
			(152.1957)	(199.7214)		
temp__effect__diff × Job__SectorAgriculture			-92.6221	133.9581		
			(1037.4694)	(1374.8162)		
heat__acc__diff					-0.2468+	-0.2525+
					(0.1395)	(0.1484)
heat__acc__diff × Job__SectorAgriculture					0.0521	0.0579
					(0.0523)	(0.0508)
Num.Obs.	739	739	739	739	739	739
R2	0.131	0.449	0.135	0.452	0.162	0.467
R2 Adj.	0.127	0.357	0.132	0.361	0.159	0.379
RMSE	262.89	209.34	262.17	208.71	258.09	205.80
FE: as.factor(State__Region)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Table 8: LONG DIFF: Ag vs Non Ag (diff in food exp)

	(1)	(2)	(3)	(4)	(5)	(6)
(Intercept)	2393.1727***		2403.9204***		2901.3352***	
	(102.8550)		(97.0939)		(276.0497)	
tmax__diff	-191.3295	-903.7242*				
	(306.0789)	(397.8376)				
Job__SectorAgriculture	64.8659	68.4780	42.0085	27.7663	-146.2760	-159.4191
	(49.8961)	(49.0036)	(47.3555)	(52.6133)	(161.9977)	(137.9149)
tmax__diff × Job__SectorAgriculture	2.4309	-72.6112				
	(243.2269)	(185.2735)				
temp__effect__diff			-1707.4889+	-1193.4178		
			(910.9686)	(926.3897)		
temp__effect__diff × Job__SectorAgriculture			-8252.8549	-17492.1220**		
			(7080.9891)	(6277.2807)		
heat__acc__diff					-1.1116+	-1.6751**
					(0.6200)	(0.6337)
heat__acc__diff × Job__SectorAgriculture					0.4674	0.5030
					(0.3605)	(0.3126)
Num.Obs.	739	739	739	739	739	739
R2	0.002	0.405	0.007	0.402	0.024	0.426
R2 Adj.	-0.002	0.307	0.003	0.303	0.020	0.331
RMSE	1356.28	1046.79	1352.48	1050.00	1341.26	1028.40
FE: as.factor(State__Region)		X		X		X

Note: ^ + p < 0.1, * p < 0.05, ** p < 0.01, *** p < 0.001

Using heat acc result $\%\Delta y = -0.0003992\%$