

ANNEXURE – VII-1

Summary Outputs of Multiple Regression Computation for Different Variables

(Computation based on the Data represented in Annexure II)

List of Independent Variables:

(1) Total Area (2) Altitude (3) Distance from Urban Centres (4) Forest Area (5) Irrigated Area

(6) Unirrigated Area (7) Culturable Waste Area (8) Uncultivable Area

1) Summary Output for Total Population

Regression Statistics								
Multiple R	0.925963817							
R Square	0.85740899							
Adjusted R Square	0.845886485							
Standard Error								
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	74069442.03	9258680.253	74.41167778	1.94325E-38
Residual	99	12318084.64	124425.0974		
Total	107	86387526.67			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	312.3159847	164.0595639	1.903674356	0.05985687	-13.21384126	637.8458106	-13.21384126	637.8458106
X Variable 1	-0.000287749	0.445062112	-0.000646537	0.999485439	-0.883387694	0.882812195	-0.883387694	0.882812195
X Variable 2	-0.101378268	0.178090188	-0.569252405	0.570474168	-0.4547479	0.251991365	-0.4547479	0.251991365
X Variable 3	-0.216289919	3.632678241	-0.059540071	0.952641973	-7.424312952	6.991733114	-7.424312952	6.991733114
X Variable 4	0.513929769	0.495397972	1.037407899	0.302073025	-0.46904746	1.496906997	-0.46904746	1.496906997
X Variable 5	2.651455187	0.683671374	3.878259772	0.000189485	1.294902615	4.008007759	1.294902615	4.008007759
X Variable 6	2.366263039	0.467336043	5.063300973	1.90787E-06	1.438966776	3.293559302	1.438966776	3.293559302
X Variable 7	1.45684774	0.511518957	2.848081618	0.005349452	0.441882972	2.471812507	0.441882972	2.471812507
X Variable 8	0.33669088	0.447888521	0.7517292	0.453997354	-0.552017275	1.225399035	-0.552017275	1.225399035

2) Summary Output for Population Density

Regression Statistics								
Multiple R	0.6315259							
R Square	0.398824963							
Adjusted R Square	0.350245162							
Standard Error	0.732516274							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	35.24123701	4.405154627	8.209687044	1.81715E-08
Residual	99	53.12142907	0.536580092		
Total	107	88.36266609			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	2.674518991	0.340694275	7.850202327	5.0176E-12	1.998507514	3.350530467	1.998507514	3.350530467
X Variable 1	-0.004192644	0.000924238	-4.536323864	1.60921E-05	-0.006026533	-0.002358754	-0.006026533	-0.002358754
X Variable 2	-0.000130963	0.000369831	-0.354114947	0.724005841	-0.000864788	0.000602862	-0.000864788	0.000602862
X Variable 3	0.006453987	0.007543801	0.855535177	0.394320786	-0.008514553	0.021422527	-0.008514553	0.021422527
X Variable 4	0.002902344	0.001028768	2.821184217	0.00578204	0.000861045	0.004943644	0.000861045	0.004943644
X Variable 5	0.004235673	0.001419746	2.983401605	0.003589896	0.001418588	0.007052757	0.001418588	0.007052757
X Variable 6	0.004151149	0.000970493	4.277359664	4.36667E-05	0.002225479	0.006076819	0.002225479	0.006076819
X Variable 7	0.003522004	0.001062246	3.315620693	0.001278963	0.001414278	0.005629731	0.001414278	0.005629731
X Variable 8	0.002181043	0.000930108	2.344935603	0.021026338	0.000335507	0.004026578	0.000335507	0.004026578

3) Summary Output for Tribal %

Regression Statistics								
Multiple R	0.41895636							
R Square	0.175524431							
Adjusted R Square	0.108900143							
Standard Error	27.31657678							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	15727.05937	1965.882421	2.634541178	0.011647644
Residual	99	73873.34133	746.195367		
Total	107	89600.4007			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	38.90205773	12.70497551	3.061954562	0.002831458	13.69262545	64.11149002	13.69262545	64.11149002
X Variable 1	0.089803294	0.03446616	2.60554972	0.010587075	0.021414943	0.158191646	0.021414943	0.158191646
X Variable 2	0.036564188	0.013791524	2.651207132	0.009340263	0.009198806	0.063929569	0.009198806	0.063929569
X Variable 3	0.181121743	0.281319095	0.64383025	0.521174275	-0.377076474	0.739319961	-0.377076474	0.739319961
X Variable 4	-0.096190458	0.038364232	-2.507295318	0.013792958	-0.17231343	-0.020067486	-0.17231343	-0.020067486
X Variable 5	-0.087741289	0.052944357	-1.657235901	0.10063762	-0.192794397	0.01731182	-0.192794397	0.01731182
X Variable 6	-0.077779473	0.036191081	-2.121502606	0.036376368	-0.148590442	-0.004968503	-0.148590442	-0.004968503
X Variable 7	-0.085393928	0.039612661	-2.15572312	0.033528666	-0.163994055	-0.006793802	-0.163994055	-0.006793802
X Variable 8	-0.081593177	0.034685041	-2.352402488	0.020631375	-0.150415835	-0.012770518	-0.150415835	-0.012770518

4) Summary Output for Tribal Density

Regression Statistics								
Multiple R	0.443755542							
R Square	0.196918981							
Adjusted R Square	0.132023545							
Standard Error	0.861414956							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	18.01309042	2.251636303	3.034404171	0.004305216
Residual	99	73.4615369	0.742035726		
Total	107	91.47462732			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.291493177	0.40064522	3.223533219	0.001715153	0.496525997	2.086460356	0.496525997	2.086460356
X Variable 1	0.000777712	0.001086874	0.715549883	0.475953583	-0.001378881	0.002934306	-0.001378881	0.002934306
X Variable 2	0.000624229	0.000434909	1.435308533	0.154351089	-0.000238725	0.001487183	-0.000238725	0.001487183
X Variable 3	0.011647835	0.008871261	1.312985265	0.192223244	-0.005954674	0.029250344	-0.005954674	0.029250344
X Variable 4	-0.001754036	0.001209797	-1.449859371	0.150258404	-0.004154537	0.000646465	-0.004154537	0.000646465
X Variable 5	-0.000675357	0.001669575	-0.404508358	0.686711545	-0.003988156	0.002637442	-0.003988156	0.002637442
X Variable 6	-0.000532112	0.001141268	-0.466245849	0.642063814	-0.002796636	0.001732412	-0.002796636	0.001732412
X Variable 7	-0.001415498	0.001249166	-1.133154162	0.2598863	-0.003894114	0.001063119	-0.003894114	0.001063119
X Variable 8	-0.002436742	0.001093776	-2.227825425	0.028155739	-0.004607031	-0.00026645	-0.004607031	-0.000266453

5) Summary Output for Tribal Arable Density

Regression Statistics								
Multiple R	0.637433709							
R Square	0.406321734							
Adjusted R Square	0.358347732							
Standard Error	2.718445603							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	500.7205215	62.59006519	8.469623594	1.02959E-08
Residual	99	731.604703	7.389946494		
Total	107	1232.325224			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.26548175	1.264352598	2.582730289	0.011264927	0.756731445	5.774232056	0.756731445	5.774232056
X Variable 1	0.025886337	0.003429946	7.547156085	2.21011E-11	0.019080579	0.032692096	0.019080579	0.032692096
X Variable 2	0.0006524	0.001372482	0.475343243	0.635589448	-0.002070902	0.003375702	-0.002070902	0.003375702
X Variable 3	0.007055983	0.027995845	0.252036776	0.80153513	-0.048493858	0.062605823	-0.048493858	0.062605823
X Variable 4	-0.025259833	0.003817868	-6.615900464	1.90504E-09	-0.032834112	-0.01768315	-0.032834112	-0.017683154
X Variable 5	-0.026985556	0.005268828	-5.121737486	1.49454E-06	-0.037440058	-0.01653106	-0.037440058	-0.016531055
X Variable 6	-0.028864684	0.003601604	-8.014397575	2.23577E-12	-0.036011049	-0.02171832	-0.036011049	-0.02171832
X Variable 7	-0.02073324	0.003942107	-5.259431392	8.35955E-07	-0.028555237	-0.01291124	-0.028555237	-0.012911244
X Variable 8	-0.02501497	0.003451728	-7.247085845	9.46184E-11	-0.031863949	-0.01816599	-0.031863949	-0.018165991

6) Summary Output for Literate %

Regression Statistics								
Multiple R	0.474533387							
R Square	0.225181936							
Adjusted R Square	0.162570375							
Standard Error	7.417366645							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	1582.954746	197.8693432	3.596491334	0.001050116
Residual	99	5446.715467	55.01732795		
Total	107	7029.670213			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	21.43007642	3.449826907	6.211928018	1.23842E-08	14.58487017	28.27528267	14.58487017	28.27528267
X Variable 1	-0.001807394	0.009358718	-0.193124059	0.847257465	-0.020377125	0.016762337	-0.020377125	0.016762337
X Variable 2	-0.002092025	0.003744861	-0.55863873	0.57766968	-0.009522643	0.005338594	-0.009522643	0.005338594
X Variable 3	-0.315122497	0.076387568	-4.125311276	7.71849E-05	-0.466692032	-0.16355296	-0.466692032	-0.163552962
X Variable 4	0.010387421	0.010417175	0.997143676	0.32112578	-0.010282519	0.03105736	-0.010282519	0.03105736
X Variable 5	0.005895974	0.014376168	0.410121384	0.682603071	-0.022629468	0.034421416	-0.022629468	0.034421416
X Variable 6	-0.00577053	0.009827092	-0.587208225	0.558402047	-0.025269616	0.013728557	-0.025269616	0.013728557
X Variable 7	0.008250979	0.010756166	0.767092946	0.444851782	-0.013091591	0.029593549	-0.013091591	0.029593549
X Variable 8	0.001707137	0.009418152	0.181260265	0.856533875	-0.016980523	0.020394796	-0.016980523	0.020394796

7) Summary Output for Male – Female Literate Ratio

Regression Statistics								
Multiple R	0.216984055							
R Square	0.04708208							
Adjusted R Square	-0.029921388							
Standard Error	13.82942311							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	935.4993128	116.9374141	0.611428049	0.766373337
Residual	99	18934.04142	191.2529436		
Total	107	19869.54073			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	19.66430743	6.432082738	3.057222401	0.002872573	6.901657548	32.42695731	6.901657548	32.42695731
X Variable 1	0.005814323	0.017449006	0.333218018	0.739674387	-0.028808297	0.040436943	-0.028808297	0.040436943
X Variable 2	-0.007989289	0.006982164	-1.144242461	0.255282135	-0.02184342	0.005864842	-0.02184342	0.005864842
X Variable 3	0.067269525	0.142421974	0.472325461	0.63773402	-0.215326622	0.349865671	-0.215326622	0.349865671
X Variable 4	0.001610123	0.019422463	0.082900032	0.934098417	-0.036928264	0.040148509	-0.036928264	0.040148509
X Variable 5	-0.012092357	0.026803868	-0.451142242	0.652873683	-0.065277055	0.041092341	-0.065277055	0.041092341
X Variable 6	-0.011320097	0.018322273	-0.617832596	0.538104354	-0.047675468	0.025035273	-0.047675468	0.025035273
X Variable 7	-0.009173494	0.020054498	-0.457428266	0.648365521	-0.048965977	0.030618988	-0.048965977	0.030618988
X Variable 8	-0.000374117	0.017559818	-0.021305282	0.983045012	-0.035216611	0.034468377	-0.035216611	0.034468377

8) Summary Output for Main Worker %

Regression Statistics								
Multiple R	0.406564683							
R Square	0.165294841							
Adjusted R Square	0.097843919							
Standard Error	11.18533861							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	2452.786056	306.598257	2.450594249	0.018312137
Residual	99	12386.06818	125.1117998		
Total	107	14838.85423			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	38.01104271	5.202315585	7.30656226	7.10106E-11	27.6885181	48.33356733	27.6885181	48.33356733
X Variable 1	0.019013081	0.014112884	1.347214417	0.1809867	-0.008989948	0.047016109	-0.008989948	0.047016109
X Variable 2	-0.000783512	0.005647226	-0.138742814	0.889935218	-0.011988835	0.010421811	-0.011988835	0.010421811
X Variable 3	0.198847162	0.115191935	1.726224684	0.087426487	-0.029718669	0.427412993	-0.029718669	0.427412993
X Variable 4	-0.037243182	0.01570903	-2.370813636	0.019685441	-0.068413311	-0.00607305	-0.068413311	-0.006073053
X Variable 5	-0.004897394	0.021679164	-0.225903282	0.821742366	-0.047913567	0.038118779	-0.047913567	0.038118779
X Variable 6	-0.012228466	0.014819188	-0.825177856	0.411254565	-0.041632956	0.017176024	-0.041632956	0.017176024
X Variable 7	-0.03358416	0.016220225	-2.07051133	0.041007021	-0.065768611	-0.00139971	-0.065768611	-0.001399708
X Variable 8	-0.014712499	0.014202509	-1.035908425	0.302768687	-0.042893363	0.013468365	-0.042893363	0.013468365

9) Summary Output for Male – Female Main-Worker Ratio

Regression Statistics								
Multiple R	0.520602112							
R Square	0.271026559							
Adjusted R Square	0.212119615							
Standard Error	47.91192868							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	84493.37313	10561.67164	4.600927122	8.53629E-05
Residual	99	227259.7381	2295.55291		
Total	107	311753.1112			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	65.24897953	22.28390056	2.928077127	0.004232246	21.0328784	109.4650807	21.0328784	109.4650807
X Variable 1	-0.097550476	0.060451946	-1.613686297	0.109778587	-0.217500273	0.02239932	-0.217500273	0.02239932
X Variable 2	-0.040179694	0.024189654	-1.661028089	0.099871685	-0.088177224	0.007817835	-0.088177224	0.007817835
X Variable 3	-0.760537782	0.493419821	-1.541360419	0.126419531	-1.739589931	0.218514366	-1.739589931	0.218514366
X Variable 4	0.235978823	0.06728897	3.506946564	0.000693046	0.102462884	0.369494763	0.102462884	0.369494763
X Variable 5	0.089661008	0.092861791	0.965531753	0.336631234	-0.094596965	0.27391898	-0.094596965	0.27391898
X Variable 6	0.095303578	0.063477372	1.501378769	0.136440449	-0.030649321	0.221256477	-0.030649321	0.221256477
X Variable 7	0.076833581	0.069478653	1.10585881	0.271467746	-0.061027165	0.214694327	-0.061027165	0.214694327
X Variable 8	0.104496841	0.060835852	1.717685181	0.088980499	-0.016214709	0.22520839	-0.016214709	0.22520839

10) Summary Output for Cultivator %

Regression Statistics								
Multiple R	0.391159557							
R Square	0.153005799							
Adjusted R Square	0.084561823							
Standard Error	11.93702211							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	2548.324003	318.5405004	2.235489638	0.03087503
Residual	99	14106.7572	142.4924969		
Total	107	16655.0812			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	33.13520585	5.551924564	5.968237765	3.74574E-08	22.11898105	44.15143066	22.11898105	44.15143066
X Variable 1	0.022623622	0.015061306	1.502102279	0.136253736	-0.007261282	0.052508526	-0.007261282	0.052508526
X Variable 2	0.000326162	0.006026734	0.054119136	0.956949308	-0.011632188	0.012284511	-0.011632188	0.012284511
X Variable 3	0.228935477	0.122933129	1.862276494	0.065529787	-0.014990566	0.472861519	-0.014990566	0.472861519
X Variable 4	-0.037489433	0.016764717	-2.236210287	0.027582659	-0.070754274	-0.00422459	-0.070754274	-0.004224591
X Variable 5	-0.003759098	0.02313606	-0.162477875	0.871260724	-0.049666068	0.042147873	-0.049666068	0.042147873
X Variable 6	-0.014771797	0.015815076	-0.934032603	0.352559653	-0.046152344	0.016608751	-0.046152344	0.016608751
X Variable 7	-0.040440121	0.017310266	-2.336192959	0.021497271	-0.07478745	-0.00609279	-0.07478745	-0.006092792
X Variable 8	-0.020082559	0.015156954	-1.324973262	0.188230076	-0.05015725	0.009992132	-0.05015725	0.009992132

11) Summary Output for Male-Female Cultivator Ratio

Regression Statistics								
Multiple R	0.67748581							
R Square	0.458987022							
Adjusted R Square	0.415268802							
Standard Error	90.29115716							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	684728.4226	85591.05283	10.49875813	1.46896E-10
Residual	99	807086.813	8152.493061		
Total	107	1491825.236			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	46.98706583	41.99453503	1.11888525	0.265896579	-36.33921734	130.313349	-36.33921734	130.313349
X Variable 1	-0.135224358	0.113923114	-1.18697912	0.23807629	-0.361272573	0.090823857	-0.361272573	0.090823857
X Variable 2	-0.07081513	0.045585972	-1.553441289	0.123508842	-0.161267604	0.019637343	-0.161267604	0.019637343
X Variable 3	0.162179524	0.929861265	0.174412603	0.861897386	-1.682867291	2.007226338	-1.682867291	2.007226338
X Variable 4	0.579755644	0.126807648	4.571929629	1.39909E-05	0.328141714	0.831369574	0.328141714	0.831369574
X Variable 5	0.104914834	0.17500023	0.599512547	0.550200752	-0.242323652	0.452153319	-0.242323652	0.452153319
X Variable 6	0.162552837	0.119624601	1.358857925	0.17727948	-0.074808366	0.399914039	-0.074808366	0.399914039
X Variable 7	0.180284852	0.130934157	1.376912298	0.171645039	-0.07951697	0.440086673	-0.07951697	0.440086673
X Variable 8	0.153818447	0.114846594	1.34167481	0.182770859	-0.073665309	0.381302203	-0.073665309	0.381302203

12) Summary Output for Infrastructure Score

Regression Statistics								
Multiple R	0.439494264							
R Square	0.193155208							
Adjusted R Square	0.127955629							
Standard Error	1.445138062							
Observations	108							

ANOVA					
	df	SS	MS	F	Significance F
Regression	8	49.4960221	6.187002762	2.962522316	0.005153016
Residual	99	206.7539779	2.088424019		
Total	107	256.25			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.553793972	0.672135599	5.287316991	7.42456E-07	2.220130885	4.887457059	2.220130885	4.887457059
X Variable 1	-0.000583324	0.001823375	-0.319914443	0.749707362	-0.004201296	0.003034648	-0.004201296	0.003034648
X Variable 2	0.000705337	0.000729618	0.968092502	0.335357295	-0.000741383	0.002154057	-0.000741383	0.002154057
X Variable 3	-0.026907359	0.014882719	-1.807959918	0.073649104	-0.056437907	0.002623189	-0.056437907	0.002623189
X Variable 4	0.000903648	0.002029596	0.445235366	0.657121694	-0.003123511	0.004930807	-0.003123511	0.004930807
X Variable 5	0.001887025	0.002800933	0.673713108	0.502063643	-0.003670635	0.007444685	-0.003670635	0.007444685
X Variable 6	0.001987182	0.001914629	1.037894165	0.301847693	-0.001811858	0.005786222	-0.001811858	0.005786222
X Variable 7	0.00248541	0.002095642	1.185989586	0.238465043	-0.001672799	0.006643618	-0.001672799	0.006643618
X Variable 8	0.000861983	0.001834954	0.469757414	0.639561419	-0.002778965	0.004502932	-0.002778965	0.004502932

ANNEXURE – VII-2
Summary Outputs of Multiple Regression Computation for Different Variables
(Computation based on the Data represented in Annexure III)

List of Independent Variables:

(1) Total Area (2) Altitude (3) Distance from Urban Centres (4) Forest Area (5) Irrigated Area
(6) Unirrigated Area (7) Culturable Waste Area (8) Uncultivable Area

1) Summary Output for Total Population

Regression Statistics								
Multiple R	0.921776427							
R Square	0.849671781							
Adjusted R Square	0.834487112							
Standard Error	571.3391043							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	182655930.1	18265593.01	55.95589896	2.95132E-36			
Residual	99	32316408.84	326428.3721					
Total	109	214972338.9						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1596.933318	430.0462201	3.713399265	0.000338298	743.6281658	2450.23847	743.6281658	2450.23847
X Variable 1	0.505573679	0.639555252	0.790508213	0.431120603	-0.763442919	1.774590277	-0.763442919	1.774590277
X Variable 2	-0.201477253	0.283993662	-0.70944278	0.479717277	-0.764982392	0.362027886	-0.764982392	0.362027886
X Variable 3	-6.948825766	5.658258269	-1.228085647	0.222326562	-18.17603975	4.278388213	-18.17603975	4.278388213
X Variable 4	-102.4303477	34.05345547	-3.00792816	0.003335005	-169.9998034	-34.860892	-169.9998034	-34.860892
X Variable 5	-59.80652264	29.95581213	-1.996491445	0.048626366	-119.2453635	-0.3676818	-119.2453635	-0.367681799
X Variable 6	-0.20957878	0.756571717	-0.277011122	0.78234913	-1.710781474	1.291623914	-1.710781474	1.291623914
X Variable 7	1.323214188	1.077417853	1.228134641	0.222308253	-0.814616961	3.461045338	-0.814616961	3.461045338
X Variable 8	3.053167602	0.649260397	4.702531705	8.32991E-06	1.764893886	4.341441318	1.764893886	4.341441318
X Variable 9	0.664945255	0.74019405	0.898339098	0.371184454	-0.803760589	2.1336511	-0.803760589	2.1336511
X Variable 10	0.031379447	0.699461664	0.044862283	0.964307447	-1.356504491	1.419263385	-1.356504491	1.419263385

2) Summary Output for Population Density

Regression Statistics								
Multiple R	0.627084277							
R Square	0.39323469							
Adjusted R Square	0.331945265							
Standard Error	0.885626704							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	50.3231341	5.03231341	6.416028349	1.50002E-07			
Residual	99	77.64913129	0.78433466					
Total	109	127.9722654						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	4.517286793	0.666610098	6.776505192	8.94735E-10	3.1945875	5.839986087	3.1945875	5.839986087
X Variable 1	-0.001957466	0.000991368	-1.974510599	0.051109481	-0.003924556	9.62292E-06	-0.003924556	9.62292E-06
X Variable 2	-0.000123735	0.000440216	-0.281077244	0.779237764	-0.000997218	0.000749749	-0.000997218	0.000749749
X Variable 3	-0.002621681	0.008770806	-0.29890989	0.765635351	-0.020024866	0.014781505	-0.020024866	0.014781505
X Variable 4	-0.07312478	0.052785901	-1.385308928	0.16907142	-0.177863479	0.031613919	-0.177863479	0.031613919
X Variable 5	-0.110027197	0.046434188	-2.369528931	0.019750126	-0.202162716	-0.01789168	-0.202162716	-0.017891679
X Variable 6	5.50947E-05	0.001172754	0.046978897	0.962624686	-0.002271904	0.002382093	-0.002271904	0.002382093
X Variable 7	0.001192293	0.001670094	0.713807952	0.476963857	-0.002121536	0.004506123	-0.002121536	0.004506123
X Variable 8	0.002353042	0.001006412	2.338051276	0.021396397	0.000356103	0.004349982	0.000356103	0.004349982
X Variable 9	2.23152E-05	0.001147367	0.019449052	0.984522024	-0.00225431	0.002298941	-0.00225431	0.002298941
X Variable 10	-0.000523368	0.001084228	-0.482709992	0.630367345	-0.002674712	0.001627976	-0.002674712	0.001627976

3) Summary Output for Tribal %

Regression Statistics								
Multiple R	0.162997246							
R Square	0.026568102							
Adjusted R Square	-0.071758352							
Standard Error	91.13393078							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	22441.42127	2244.142127	0.270202992	0.986287623			
Residual	99	822233.9406	8305.393339					
Total	109	844675.3619						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	149.5845144	68.59639425	2.180646899	0.031578358	13.47436182	285.694667	13.47436182	285.694667
X Variable 1	-0.014481334	0.102015044	-0.141952921	0.887405672	-0.21690135	0.187938683	-0.21690135	0.187938683
X Variable 2	-0.004986383	0.045299645	-0.110075552	0.912572288	-0.094870724	0.084897957	-0.094870724	0.084897957
X Variable 3	0.832707191	0.902545115	0.922621128	0.358447779	-0.958138444	2.623552827	-0.958138444	2.623552827
X Variable 4	-6.828105923	5.431844645	-1.072951512	0.285901303	-16.60606607	4.949854225	-16.60606607	4.949854225
X Variable 5	0.809128294	4.778232207	0.169336328	0.865877629	-8.671922743	10.29017933	-8.671922743	10.29017933
X Variable 6	0.023875553	0.120680265	0.1978414	0.843574818	-0.215580318	0.263331423	-0.215580318	0.263331423
X Variable 7	0.004411824	0.171858224	0.025671302	0.979571189	-0.336592239	0.345415887	-0.336592239	0.345415887
X Variable 8	-0.019393615	0.103563106	-0.187263742	0.851837101	-0.224885321	0.186098092	-0.224885321	0.186098092
X Variable 9	0.015586113	0.118067874	0.132009775	0.895244482	-0.218686205	0.249858432	-0.218686205	0.249858432
X Variable 10	0.000560118	0.111570677	0.005020297	0.996004501	-0.220820351	0.221940587	-0.220820351	0.221940587

4) Summary Output for Tribal Density

Regression Statistics								
Multiple R	0.258765561							
R Square	0.066959616							
Adjusted R Square	-0.027286888							
Standard Error	4.127222152							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	121.0217413	12.10217413	0.710473209	0.712707727
Residual	99	1686.362306	17.03396269		
Total	109	1807.384048			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	6.989970109	3.106554885	2.250071339	0.028657681	0.825890144	13.15405007	0.825890144	13.15405007
X Variable 1	-0.002858453	0.00462	-0.61871282	0.537526587	-0.012025537	0.006308631	-0.012025537	0.006308631
X Variable 2	-0.000405631	0.002051505	-0.197723513	0.843866806	-0.004476262	0.003665001	-0.004476262	0.003665001
X Variable 3	0.031968133	0.040873955	0.782114989	0.436013636	-0.049134676	0.113070942	-0.049134676	0.113070942
X Variable 4	-0.332541287	0.245994322	-1.351825049	0.179511775	-0.820647478	0.155564905	-0.820647478	0.155564905
X Variable 5	-0.066814585	0.21639389	-0.308763793	0.758150071	-0.496187087	0.362557916	-0.496187087	0.362557916
X Variable 6	0.001403907	0.0054653	0.256876462	0.797807242	-0.009440436	0.01224825	-0.009440436	0.01224825
X Variable 7	0.001371771	0.007783019	0.176251752	0.860456205	-0.014071429	0.016814971	-0.014071429	0.016814971
X Variable 8	0.001691476	0.004690108	0.360647646	0.719131242	-0.007614716	0.010997669	-0.007614716	0.010997669
X Variable 9	0.00078375	0.005346991	0.14657784	0.883763315	-0.009825842	0.011393343	-0.009825842	0.011393343
X Variable 10	-0.000143522	0.00505275	-0.028404813	0.977396467	-0.010169276	0.009882232	-0.010169276	0.009882232

5) Summary Output for Main Worker %

Regression Statistics								
Multiple R	0.39116253							
R Square	0.153008125							
Adjusted R Square	0.06745339							
Standard Error	9.150062237							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	1497.333491	149.7333491	1.788423807	0.072416356
Residual	99	8288.640256	83.72363895		
Total	109	9785.973747			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	36.13682572	6.887240255	5.246923932	8.81542E-07	22.47104442	49.80260703	22.47104442	49.80260703
X Variable 1	-0.002896011	0.010242552	-0.282743159	0.777964051	-0.02321946	0.017427437	-0.02321946	0.017427437
X Variable 2	-0.006802576	0.004548192	-1.49566622	0.137921713	-0.015827177	0.002222024	-0.015827177	0.002222024
X Variable 3	0.211781237	0.090617665	2.337085578	0.021448765	0.031976099	0.391586375	0.031976099	0.391586375
X Variable 4	-0.012194397	0.545370052	-0.022359858	0.982205907	-1.094327092	1.069938298	-1.094327092	1.069938298
X Variable 5	0.186034038	0.479745817	0.387776259	0.699014118	-0.765885915	1.13795399	-0.765885915	1.13795399
X Variable 6	-0.000463251	0.012116584	-0.038232806	0.969579056	-0.024505187	0.023578685	-0.024505187	0.023578685
X Variable 7	0.028028389	0.017254972	1.624365953	0.107477473	-0.006209225	0.062266004	-0.006209225	0.062266004
X Variable 8	0.005316086	0.010397981	0.511261417	0.610306393	-0.015315767	0.02594794	-0.015315767	0.02594794
X Variable 9	-0.00421007	0.011854294	-0.355151468	0.72323164	-0.027731565	0.019311425	-0.027731565	0.019311425
X Variable 10	-0.008090855	0.01120196	-0.78645656	0.433478565	-0.031036978	0.013417268	-0.031036978	0.013417268

6) Summary Output for Male – Female Main Worker Ratio

Regression Statistics								
Multiple R	0.283338748							
R Square	0.080280846							
Adjusted R Square	-0.012620078							
Standard Error	121.9365053							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	128487.0605	12848.70605	0.864155514	0.569069285
Residual	99	1471982.621	14868.51132		
Total	109	1600469.681			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	19.37116459	91.78145306	0.211057506	0.833276236	-162.7431829	201.4855121	-162.7431829	201.4855121
X Variable 1	-0.087181499	0.136495352	-0.639714047	0.524483896	-0.358017939	0.183654941	-0.358017939	0.183654941
X Variable 2	-0.021810176	0.06061058	-0.35984107	0.719732474	-0.142074738	0.098454386	-0.142074738	0.098454386
X Variable 3	-0.118104186	1.207598489	-0.097800872	0.922288151	-2.514242007	2.278033636	-2.514242007	2.278033636
X Variable 4	2.179390505	7.267766764	0.299870727	0.764904478	-12.24143808	16.60021909	-12.24143808	16.60021909
X Variable 5	9.938268608	6.3932383	1.55449682	0.123257072	-2.747305468	22.62384268	-2.747305468	22.62384268
X Variable 6	0.05662229	0.161469275	0.344476001	0.731219021	-0.26476784	0.376012421	-0.26476784	0.376012421
X Variable 7	-0.097333137	0.229944995	-0.423268781	0.67300272	-0.553593976	0.358927702	-0.553593976	0.358927702
X Variable 8	0.085786949	0.138566647	0.619102439	0.537270948	-0.18915939	0.360733287	-0.18915939	0.360733287
X Variable 9	0.04623787	0.157973916	0.292698869	0.770364923	-0.267215792	0.359693365	-0.267215792	0.359693365
X Variable 10	0.201936802	0.149280716	1.352732002	0.179222715	-0.094268579	0.498142183	-0.094268579	0.498142183

7) Summary Output for Cultivator % of Total Population

Regression Statistics					
Multiple R	0.376539498				
R Square	0.141781894				
Adjusted R Square	0.055093306				
Standard Error	9.189790636				
Observations	110				

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	1380.941765	138.0941765	1.635530517	0.107483768
Residual	99	8358.953461	84.43387335		
Total	109	9739.895226			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	22.92275491	6.916391071	3.314265298	0.001284551	9.199132055	36.64637777	9.199132055	36.64637777
X Variable 1	-0.009442617	0.010285904	-0.918015258	0.360842014	-0.029852086	0.010968852	-0.029852086	0.010968852
X Variable 2	0.000863807	0.004567442	0.189122806	0.850383749	-0.00819899	0.009926605	-0.00819899	0.009926605
X Variable 3	0.212918569	0.091001211	2.339733353	0.021305452	0.032352391	0.393484748	0.032352391	0.393484748
X Variable 4	-0.251979654	0.547678376	-0.460086914	0.64646273	-1.338692566	0.834733258	-1.338692566	0.834733258
X Variable 5	0.844658731	0.481776381	1.753217394	0.082659999	-0.111290302	1.800607764	-0.111290302	1.800607764
X Variable 6	0.008416603	0.012167869	0.691707223	0.490740226	-0.015727093	0.032560298	-0.015727093	0.032560298
X Variable 7	0.031040404	0.017328005	1.79134318	0.076293857	-0.003342124	0.065422932	-0.003342124	0.065422932
X Variable 8	0.012349949	0.010441991	1.182719749	0.239752879	-0.00836923	0.033069129	-0.00836923	0.033069129
X Variable 9	0.004974007	0.011904468	0.417826881	0.676978541	-0.018647045	0.028595058	-0.018647045	0.028595058
X Variable 10	0.000688651	0.011249373	0.061216871	0.951309909	-0.021632549	0.023009852	-0.021632549	0.023009852

8) Summary Output for Cultivator % of Main Worker

Regression Statistics					
Multiple R	0.379568768				
R Square	0.14407245				
Adjusted R Square	0.057615122				
Standard Error	14.80171206				
Observations	110				

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	3650.926029	365.0926029	1.666399516	0.099359229
Residual	99	21689.97731	219.0906799		
Total	109	25340.90334			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	64.21778269	11.14122992	5.763976076	9.33548E-08	42.11116148	86.32440391	42.11116148	86.32440391
X Variable 1	-0.020178231	0.016568991	-1.217831005	0.226182822	-0.053054711	0.012698248	-0.053054711	0.012698248
X Variable 2	0.018651153	0.007357439	2.535006234	0.012810494	0.004052396	0.03324991	0.004052396	0.03324991
X Variable 3	0.123711607	0.146588793	0.843936323	0.40073964	-0.167152413	0.414575627	-0.167152413	0.414575627
X Variable 4	-0.693543069	0.882224652	-0.786129777	0.433668074	-2.444068491	1.056982354	-2.444068491	1.056982354
X Variable 5	1.832437159	0.776066792	2.36118486	0.020175244	0.292552001	3.372322318	0.292552001	3.372322318
X Variable 6	0.025933436	0.019600543	1.323097831	0.188850644	-0.012958301	0.064825173	-0.012958301	0.064825173
X Variable 7	0.010747404	0.027912721	0.385036058	0.701036674	-0.044637499	0.066132307	-0.044637499	0.066132307
X Variable 8	0.021902383	0.016820423	1.30213034	0.195893234	-0.011472991	0.055277758	-0.011472991	0.055277758
X Variable 9	0.025775553	0.019176246	1.344139693	0.181975359	-0.012274286	0.063825393	-0.012274286	0.063825393
X Variable 10	0.021540089	0.01812099	1.1886817	0.237408471	-0.014415893	0.057496071	-0.014415893	0.057496071

9) Summary Output for Literate %

Regression Statistics					
Multiple R	0.52359113				
R Square	0.274147671				
Adjusted R Square	0.200829254				
Standard Error	7.675643112				
Observations	110				

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	2202.931679	220.2931679	3.739137891	0.000277119
Residual	99	5832.634221	58.91549718		
Total	109	8035.565899			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	31.83309039	5.777446847	5.509888925	2.8494E-07	20.36938038	43.29680041	20.36938038	43.29680041
X Variable 1	-0.006695471	0.008592091	-0.779259707	0.437685574	-0.023744047	0.010353106	-0.023744047	0.010353106
X Variable 2	-0.004805046	0.003815307	-1.259412717	0.210842485	-0.012375444	0.002765352	-0.012375444	0.002765352
X Variable 3	-0.328599977	0.076015751	-4.322788004	3.67445E-05	-0.479431745	-0.17776821	-0.479431745	-0.177768208
X Variable 4	0.221712584	0.457490427	0.48462781	0.629010908	-0.686047839	1.129473007	-0.686047839	1.129473007
X Variable 5	-1.37077107	0.402440724	-3.406144026	0.000953324	-2.16930092	-0.57224122	-2.16930092	-0.572241219
X Variable 6	0.007422408	0.010164147	0.730253887	0.466959559	-0.012745468	0.027590283	-0.012745468	0.027590283
X Variable 7	0.01047177	0.014474547	0.723460994	0.471102641	-0.018248877	0.039192418	-0.018248877	0.039192418
X Variable 8	0.003144132	0.008722475	0.360463236	0.719268688	-0.014163154	0.020451418	-0.014163154	0.020451418
X Variable 9	0.003408418	0.009944121	0.342757081	0.732507912	-0.01632288	0.023139716	-0.01632288	0.023139716
X Variable 10	0.005843656	0.009396903	0.632512218	0.528510404	-0.012701841	0.024589153	-0.012701841	0.024589153

10) Summary Output for Male – Female Literate Ratio

Regression Statistics					
Multiple R	0.376496253				
R Square	0.141749428				
Adjusted R Square	0.055057452				
Standard Error	6.590645199				
Observations	110				

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	710.2287928	71.02287928	1.635092814	0.107603148
Residual	99	4300.22381	43.43660414		
Total	109	5010.452603			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.134112927	4.960770293	0.63177949	0.528987177	-6.709133339	12.97735919	-6.709133339	12.97735919
X Variable 1	0.005012715	0.007377548	0.679455441	0.498434901	-0.009825943	0.019651374	-0.009825943	0.019651374
X Variable 2	-0.002824337	0.00327599	-0.862132248	0.390698278	-0.009324614	0.00367594	-0.009324614	0.00367594
X Variable 3	0.13531787	0.065270471	2.073186643	0.040752029	0.005807071	0.264828669	0.005807071	0.264828669
X Variable 4	0.24592142	0.392821428	0.626038709	0.532730281	-0.533521656	1.025364495	-0.533521656	1.025364495
X Variable 5	0.851581541	0.345553329	2.464399761	0.015447322	0.165928646	1.537234436	0.165928646	1.537234436
X Variable 6	-0.010480996	0.008727384	-1.200928684	0.232644293	-0.027797992	0.006836061	-0.027797992	0.006836061
X Variable 7	-0.014250212	0.012428484	-1.146578902	0.254320192	-0.038911025	0.0104106	-0.038911025	0.0104106
X Variable 8	-0.004437438	0.007489501	-0.59248779	0.554874875	-0.019298236	0.01042336	-0.019298236	0.01042336
X Variable 9	-0.010993101	0.00853846	-1.28748047	0.200928583	-0.027935262	0.00594906	-0.027935262	0.00594906
X Variable 10	-0.006333224	0.008068595	-0.784922792	0.434373152	-0.022343069	0.009676621	-0.022343069	0.009676621

11) Summary Output for Infrastructure Score

Regression Statistics					
Multiple R	0.748613999				
R Square	0.560422919				
Adjusted R Square	0.516021194				
Standard Error	2.5244921				
Observations	110				

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	804.3852058	80.43852058	12.62164737	6.84021E-14
Residual	99	630.932976	6.373060364		
Total	109	1435.318182			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	11.2790123	1.900182006	5.935753661	4.33517E-08	7.508638276	15.04938632	7.508638276	15.04938632
X Variable 1	0.003135083	0.002825909	1.109408865	0.269942326	-0.002472134	0.0087423	-0.002472134	0.0087423
X Variable 2	-0.001682395	0.001254841	-1.340723498	0.183078579	-0.004172272	0.000807482	-0.004172272	0.000807482
X Variable 3	0.010261603	0.025001314	0.410442565	0.682368268	-0.039346436	0.059869643	-0.039346436	0.059869643
X Variable 4	-0.414198266	0.150466997	-2.752751595	0.007030817	-0.712757486	-0.11563905	-0.712757486	-0.115639047
X Variable 5	-0.626782012	0.132361343	-4.735385713	7.30174E-06	-0.889415679	-0.36414834	-0.889415679	-0.364148345
X Variable 6	-0.001224877	0.003342952	-0.366405797	0.714844187	-0.007858021	0.005408267	-0.007858021	0.005408267
X Variable 7	-0.001498823	0.004780628	-0.314837294	0.753547798	-0.010944943	0.007947297	-0.010944943	0.007947297
X Variable 8	0.003054991	0.002868791	1.064905333	0.28950915	-0.002637314	0.008747297	-0.002637314	0.008747297
X Variable 9	-0.002025126	0.003270587	-0.619193605	0.53721114	-0.008514681	0.004464428	-0.008514681	0.004464428
X Variable 10	-0.001697313	0.003090608	-0.549184239	0.584115628	-0.007829752	0.004435125	-0.007829752	0.004435125

12) Summary Output for Tribal Arable Density

Regression Statistics								
Multiple R	0.376289037							
R Square	0.141593439							
Adjusted R Square	0.054885706							
Standard Error	5.002969379							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	408.7342085	40.87342085	1.632996663	0.108176508			
Residual	99	2477.940558	25.02970261					
Total	109	2886.674767						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	10.05123638	3.765728714	2.669134488	0.008888209	2.5792123	17.52326047	2.5792123	17.52326047
X Variable 1	0.014758101	0.005600309	2.63522992	0.009760583	0.003645872	0.02587033	0.003645872	0.02587033
X Variable 2	-0.000822049	0.00248681	-0.330563682	0.741672646	-0.00575642	0.004112322	-0.00575642	0.004112322
X Variable 3	0.015463904	0.04954692	0.312106271	0.755616156	-0.082847952	0.11377576	-0.082847952	0.11377576
X Variable 4	-0.333628592	0.298191378	-1.118840503	0.265915579	-0.925305085	0.258047902	-0.925305085	0.258047902
X Variable 5	-0.169638555	0.262310088	-0.646709992	0.519316211	-0.690118771	0.350841662	-0.690118771	0.350841662
X Variable 6	-0.012574871	0.006624971	-1.898102013	0.060595528	-0.025720254	0.000570511	-0.025720254	0.000570511
X Variable 7	-0.011368996	0.009434482	-1.205047202	0.231057732	-0.030089059	0.007351066	-0.030089059	0.007351066
X Variable 8	-0.019293894	0.005685292	-3.393650229	0.000993094	-0.03057475	-0.00801304	-0.03057475	-0.008013038
X Variable 9	-0.012118343	0.006481559	-1.869664808	0.064485539	-0.024979165	0.000742479	-0.024979165	0.000742479
X Variable 10	-0.014015271	0.006124883	-2.288251163	0.02424908	-0.02616837	-0.00186217	-0.02616837	-0.001862172

ANNEXURE – VII-3
Summary Outputs of Multiple Regression Computation for Different Variables
(Computation based on the Data represented in Annexure IV)

List of Independent Variables:
(1) Total Area (2) Altitude (3) Distance from Urban Centres (4) Forest Area (5) Irrigated Area
(6) Unirrigated Area (7) Culturable Waste Area (8) Uncultivable Area

1) Summary Output for Total Population

Regression Statistics								
Multiple R	0.897900891							
R Square	0.806225651							
Adjusted R Square	0.786652484							
Standard Error	891.1967758							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	327146842.2	32714684.22	41.19035352	6.8976E-31			
Residual	99	78628937.63	794231.6932					
Total	109	405775779.9						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	.1191.043225	548.3728213	2.171958892	0.032246688	102.9523832	2279.134068	102.9523832	2279.134068
X Variable 1	-4.406581456	1.117143689	3.944507389	0.00014944	2.189925655	6.623237257	2.189925655	6.623237257
X Variable 2	-6.469033784	8.421748951	-0.768134246	0.444235811	-23.1796138	10.24154623	-23.1796138	10.24154623
X Variable 3	-87.45016828	33.88981199	-2.580426481	0.011335492	-154.6949197	-20.2054168	-154.6949197	-20.20541684
X Variable 4	-106.6164173	47.01458499	-2.267730692	0.025518707	-199.9035705	-13.3292642	-199.9035705	-13.32926417
X Variable 5	0.282543163	0.482356917	0.585755389	0.559372888	-0.674557779	1.239644106	-0.674557779	1.239644106
X Variable 6	-3.621650335	1.228000878	-2.94922455	0.003975145	-6.058270928	-1.18502974	-6.058270928	-1.185029742
X Variable 7	1.006562805	1.781275047	0.565079945	0.573297701	-2.527873969	4.54099958	-2.527873969	4.54099958
X Variable 8	0.225094392	1.101106141	0.204425698	0.838440526	-1.959739468	2.409928252	-1.959739468	2.409928252
X Variable 9	-2.039226262	1.591646587	-1.281205438	0.203114484	-5.197398966	1.118946441	-5.197398966	1.118946441
X Variable 10	-3.446320995	1.301376689	-2.648211716	0.009417794	-6.028535143	-0.86410685	-6.028535143	-0.864106847

2) Summary Output for Population Density

Regression Statistics								
Multiple R	0.617148259							
R Square	0.380871974							
Adjusted R Square	0.318333789							
Standard Error	1.365748105							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	113.5991183	11.35991183	6.090230747	3.60754E-07			
Residual	99	184.6615207	1.865267886					
Total	109	298.260639						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5.745369037	0.840374808	6.836676143	6.73071E-10	4.077883195	7.412854878	4.077883195	7.412854878
X Variable 1	-0.001415737	0.001712009	-0.826944734	0.410257117	-0.004812735	0.001981261	-0.004812735	0.001981261
X Variable 2	-0.007170974	0.012906227	-0.555621249	0.579723263	-0.032779732	0.018437785	-0.032779732	0.018437785
X Variable 3	-0.112035601	0.05193572	-2.157197397	0.033410458	-0.215087356	-0.00898385	-0.215087356	-0.008983846
X Variable 4	-0.120218343	0.072049274	-1.668557316	0.098364942	-0.263179758	0.022743073	-0.263179758	0.022743073
X Variable 5	0.000333575	0.000739206	0.451260748	0.652788574	-0.001133171	0.00180032	-0.001133171	0.00180032
X Variable 6	-0.002060702	0.001881896	-1.095013646	0.276167538	-0.005794793	0.001673389	-0.005794793	0.001673389
X Variable 7	0.002202345	0.002729782	0.806784224	0.421724773	-0.003214136	0.007618826	-0.003214136	0.007618826
X Variable 8	0.001666452	0.001687432	0.987566997	0.325772277	-0.001681779	0.005014683	-0.001681779	0.005014683
X Variable 9	-0.001337937	0.002439179	-0.548519299	0.584570253	-0.006177798	0.003501924	-0.006177798	0.003501924
X Variable 10	-0.000539311	0.001994344	-0.270420526	0.787399701	-0.004496523	0.0034179	-0.004496523	0.0034179

3) Summary Output for Tribal Population %

Regression Statistics								
Multiple R	0.395917226							
R Square	0.15675045							
Adjusted R Square	0.071573728							
Standard Error	21.43128178							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	8452.480254	845.2480254	1.840296805	0.063152775			
Residual	99	45470.68403	459.2998386					
Total	109	53923.16428						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	60.8955497	13.18713529	4.617799724	1.16724E-05	34.72940764	87.06169176	34.72940764	87.06169176
X Variable 1	-0.027786961	0.026864797	-1.034326105	0.303503751	-0.081092557	0.025518635	-0.081092557	0.025518635
X Variable 2	0.346410005	0.202524156	1.71046265	0.090312432	-0.055441931	0.74828194	-0.055441931	0.74828194
X Variable 3	-0.921626273	0.814973898	-1.130866002	0.260843626	-2.538711585	0.695459039	-2.538711585	0.695459039
X Variable 4	1.086513779	1.130595224	0.961010409	0.338888249	-1.156832831	3.329860389	-1.156832831	3.329860389
X Variable 5	0.01461608	0.011599601	1.260050218	0.210613394	-0.008400049	0.037632209	-0.008400049	0.037632209
X Variable 6	0.047529686	0.029530664	1.60950278	0.110690703	-0.011065569	0.106124942	-0.011065569	0.106124942
X Variable 7	0.038379396	0.042835666	0.895968241	0.372443144	-0.046615874	0.123374666	-0.046615874	0.123374666
X Variable 8	0.026856941	0.026479131	1.014268212	0.312927229	-0.025683409	0.07939729	-0.025683409	0.07939729
X Variable 9	0.077698641	0.038275527	2.029982258	0.045041028	0.001751678	0.153645605	0.001751678	0.153645605
X Variable 10	0.039261621	0.031295188	1.254557752	0.212593159	-0.022834833	0.101358074	-0.022834833	0.101358074

4) Summary Output for Tribal Density

Regression Statistics	
Multiple R	0.533915783
R Square	0.285066064
Adjusted R Square	0.212850514
Standard Error	1.314926183
Observations	110

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	68.25234022	6.825234022	3.947433303	0.000151166
Residual	99	171.1740557	1.729030866		
Total	109	239.426396			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.859874162	0.809102771	4.770561047	6.33759E-06	2.254438442	5.465309882	2.254438442	5.465309882
X Variable 1	-0.002633778	0.001648302	-1.5978736	0.113258113	-0.005904368	0.000636811	-0.005904368	0.000636811
X Variable 2	0.01103285	0.012425963	0.887886925	0.376753661	-0.013622961	0.035688661	-0.013622961	0.035688661
X Variable 3	-0.133796049	0.0500031	-2.675755101	0.008726345	-0.233013064	-0.03457903	-0.233013064	-0.034579033
X Variable 4	-0.0390939	0.069368192	-0.563570989	0.574320476	-0.176735467	0.098547666	-0.176735467	0.098547666
X Variable 5	0.0008617	0.000711699	1.210764867	0.228868097	-0.000550465	0.002273865	-0.000550465	0.002273865
X Variable 6	0.000181837	0.001811868	0.100358863	0.920262386	-0.003413302	0.003776976	-0.003413302	0.003776976
X Variable 7	0.003696823	0.002628202	1.406597712	0.162678072	-0.001518101	0.008911747	-0.001518101	0.008911747
X Variable 8	0.002766941	0.001624639	1.703111093	0.091684827	-0.000456696	0.005990579	-0.000456696	0.005990579
X Variable 9	0.001973923	0.002348413	0.840535131	0.402633891	-0.002685838	0.006633684	-0.002685838	0.006633684
X Variable 10	0.00128827	0.001920131	0.670928524	0.503828397	-0.002521686	0.005098227	-0.002521686	0.005098227

5) Summary Output for Literate %

Regression Statistics	
Multiple R	0.466484075
R Square	0.217607392
Adjusted R Square	0.138577835
Standard Error	9.453872993
Observations	110

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	2460.95474	246.095474	2.753493779	0.004897407
Residual	99	8848.195742	89.37571456		
Total	109	11309.15048			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	49.89946307	5.817174328	8.577955594	1.36546E-13	38.3569251	61.44200104	38.3569251	61.44200104
X Variable 1	0.006744009	0.011850732	0.569079515	0.570591031	-0.016770419	0.030258437	-0.016770419	0.030258437
X Variable 2	-0.258868739	0.089339457	-2.897618197	0.004629529	-0.436135652	-0.08160183	-0.436135652	-0.081601826
X Variable 3	-0.716219154	0.359505316	-1.992235227	0.049098988	-1.429555823	-0.00288249	-1.429555823	-0.002882485
X Variable 4	-0.342664039	0.498733756	-0.68706807	0.493646178	-1.332260189	0.646932111	-1.332260189	0.646932111
X Variable 5	-0.012699253	0.005116873	-2.481838502	0.014754476	-0.022852242	-0.00254626	-0.022852242	-0.002546265
X Variable 6	-0.012207966	0.013026713	-0.937148672	0.350962675	-0.038055795	0.013639862	-0.038055795	0.013639862
X Variable 7	-0.021193187	0.018895881	-1.121577075	0.264755369	-0.05868672	0.016300347	-0.05868672	0.016300347
X Variable 8	-0.01102781	0.011680605	-0.944112884	0.34741039	-0.034204669	0.012149049	-0.034204669	0.012149049
X Variable 9	-0.009331047	0.01688429	-0.5526467	0.581751025	-0.042833147	0.024171053	-0.042833147	0.024171053
X Variable 10	-0.001779021	0.013805088	-0.12886704	0.897724298	-0.029171315	0.025613274	-0.029171315	0.025613274

6) Summary Output for Male – Female Main Worker Ratio

Regression Statistics	
Multiple R	0.558452419
R Square	0.311869105
Adjusted R Square	0.242360934
Standard Error	40.98716741
Observations	110

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	75375.86387	7537.586387	4.486797728	3.18346E-05
Residual	99	166314.8413	1679.947892		
Total	109	241690.7052			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	27.04571202	25.22029841	1.072378747	0.286157102	-22.99684055	77.0882646	-22.99684055	77.0882646
X Variable 1	-0.015184037	0.051378726	-0.295531595	0.76820677	-0.117130593	0.08676252	-0.117130593	0.08676252
X Variable 2	-0.432754574	0.387325946	-1.117287853	0.266575426	-1.201293419	0.335784271	-1.201293419	0.335784271
X Variable 3	1.281767478	1.558631534	0.822367218	0.41284425	-1.810896185	4.374431141	-1.810896185	4.374431141
X Variable 4	0.331297242	2.162254979	0.153218397	0.878537918	-3.959086507	4.621680991	-3.959086507	4.621680991
X Variable 5	-0.007440521	0.022184151	-0.335398072	0.738034513	-0.051458697	0.036577655	-0.051458697	0.036577655
X Variable 6	0.022975206	0.056477176	0.406805148	0.685029257	-0.089087785	0.135038197	-0.089087785	0.135038197
X Variable 7	0.38095635	0.081922893	4.650181819	1.02646E-05	0.218403527	0.543509173	0.218403527	0.543509173
X Variable 8	-0.023841113	0.050641141	-0.470785468	0.638829598	-0.124324142	0.076641915	-0.124324142	0.076641915
X Variable 9	0.012078387	0.073201662	0.165001535	0.869279224	-0.133169618	0.157326391	-0.133169618	0.157326391
X Variable 10	0.048402285	0.059851815	0.80870204	0.420625739	-0.070356722	0.167161291	-0.070356722	0.167161291

7) Summary Output for Main Worker %

Regression Statistics								
Multiple R	0.356587364							
R Square	0.127154548							
Adjusted R Square	0.038988341							
Standard Error	8.980149241							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	1163.045881	116.3045881	1.442214107	0.173164096			
Residual	99	7983.664959	80.6430804					
Total	109	9146.710841						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	26.37530915	5.525681767	4.77322261	6.2699E-06	15.41115576	37.33946254	15.41115576	37.33946254
X Variable 1	0.004992303	0.011256904	0.44348813	0.65838041	-0.017343841	0.027328448	-0.017343841	0.027328448
X Variable 2	0.266746754	0.0848618	3.143307764	0.002204686	0.098362503	0.435131006	0.098362503	0.435131006
X Variable 3	0.066596665	0.341490878	0.195017406	0.845778989	-0.610995445	0.744188775	-0.610995445	0.744188775
X Variable 4	-0.185245919	0.473742726	-0.391026415	0.696617971	-1.125254434	0.754762596	-1.125254434	0.754762596
X Variable 5	0.002102829	0.004860472	0.432639841	0.666218176	-0.007541404	0.011747062	-0.007541404	0.011747062
X Variable 6	-0.007310476	0.012373958	-0.590795267	0.556003983	-0.031863096	0.017242145	-0.031863096	0.017242145
X Variable 7	-0.011559497	0.017949028	-0.64401798	0.521053042	-0.047174268	0.024055275	-0.047174268	0.024055275
X Variable 8	-0.001007039	0.011095302	-0.090762691	0.927864542	-0.02302253	0.021008451	-0.02302253	0.021008451
X Variable 9	-0.016891916	0.016038236	-1.053227809	0.294800425	-0.04871526	0.014931429	-0.04871526	0.014931429
X Variable 10	-0.013054822	0.013113329	-0.995538309	0.321901605	-0.039074517	0.012964873	-0.039074517	0.012964873

8) Summary Ouput for Cultivator % of Total Population

Regression Statistics								
Multiple R	0.368292656							
R Square	0.135639481							
Adjusted R Square	0.048330337							
Standard Error	7.434283893							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	858.627262	85.8627262	1.553554133	0.1320223			
Residual	99	5471.589123	55.268577					
Total	109	6330.216385						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	16.68561828	4.574477089	3.647546585	0.000424493	7.608861677	25.76237489	7.608861677	25.76237489
X Variable 1	-0.004553803	0.009319113	-0.488651983	0.626168817	-0.023044948	0.013937342	-0.023044948	0.013937342
X Variable 2	0.163116284	0.070263477	2.321825054	0.022291484	0.023718118	0.30251445	0.023718118	0.30251445
X Variable 3	0.53561001	0.282705784	1.894584547	0.061065732	-0.025339699	1.09655972	-0.025339699	1.09655972
X Variable 4	-0.235054653	0.392191468	-0.599336477	0.550317665	-1.013247751	0.543138446	-1.013247751	0.543138446
X Variable 5	0.002169056	0.004023778	0.539059561	0.591055861	-0.005814994	0.010153107	-0.005814994	0.010153107
X Variable 6	0.001494808	0.010243874	0.145922154	0.88427955	-0.018931263	0.021820879	-0.018931263	0.021820879
X Variable 7	0.010514376	0.014859237	0.70759865	0.480857012	-0.01896958	0.039998332	-0.01896958	0.039998332
X Variable 8	0.009147951	0.009185329	0.9958307	0.32171186	-0.009077738	0.02737364	-0.009077738	0.02737364
X Variable 9	0.002179343	0.013277374	0.164139589	0.869955905	-0.024165852	0.028524537	-0.024165852	0.028524537
X Variable 10	-0.004466708	0.010855968	-0.411451863	0.681630615	-0.026007308	0.017073891	-0.026007308	0.017073891

9) Summary Output for Cultivator % of Main Worker

Regression Statistics								
Multiple R	0.341923565							
R Square	0.116911724							
Adjusted R Square	0.027710888							
Standard Error	13.93977847							
Observations	110							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	10	2546.835446	254.6835446	1.310657271	0.235301301			
Residual	99	19237.42497	194.3174239					
Total	109	21784.26041						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	64.53855612	8.577449849	7.524212587	2.47132E-11	47.51903169	81.55808055	47.51903169	81.55808055
X Variable 1	-0.025013792	0.017473958	-1.431489767	0.155439305	-0.059685923	0.009685338	-0.059685923	0.009685338
X Variable 2	-0.060783028	0.131729959	-0.461421444	0.645508492	-0.322163892	0.200597836	-0.322163892	0.200597836
X Variable 3	1.259826195	0.530092214	2.376239761	0.01941409	0.207808051	2.311444339	0.207808051	2.311444339
X Variable 4	0.079965132	0.735385178	0.108739114	0.913629512	-1.379198865	1.53912913	-1.379198865	1.53912913
X Variable 5	0.004237481	0.007544853	0.561638598	0.575631535	-0.010733147	0.019208108	-0.010733147	0.019208108
X Variable 6	0.023827673	0.019207947	1.240511181	0.217718257	-0.014285068	0.061940413	-0.014285068	0.061940413
X Variable 7	0.059875107	0.027862062	2.148983344	0.034073704	0.004590722	0.115159492	0.004590722	0.115159492
X Variable 8	0.027018595	0.017223105	1.568741208	0.119899091	-0.007155788	0.061192978	-0.007155788	0.061192978
X Variable 9	0.042752566	0.024895962	1.717249021	0.089060474	-0.006646432	0.092151564	-0.006646432	0.092151564
X Variable 10	0.017143684	0.020355665	0.842207019	0.401702074	-0.023246378	0.057533746	-0.023246378	0.057533746

10) Summary Output for Male – Female Literate Ratio

Regression Statistics								
Multiple R	0.395185931							
R Square	0.15617192							
Adjusted R Square	0.070936761							
Standard Error	1.535912928							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	43.22324457	4.322324457	1.832247645	0.064514403
Residual	99	233.5438238	2.359028523		
Total	109	276.7670683			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	2.987126178	0.945080737	3.139547831	0.002230548	1.091880624	4.842371732	1.091880624	4.842371732
X Variable 1	-0.003772092	0.001925316	-1.959206963	0.052901248	-0.007592338	4.81528E-05	-0.007592338	4.81528E-05
X Variable 2	0.010516197	0.014514273	0.724541813	0.47044206	-0.018283274	0.039315669	-0.018283274	0.039315669
X Variable 3	0.124410117	0.05840663	2.130068397	0.03564459	0.008518671	0.240301563	0.008518671	0.240301563
X Variable 4	0.063943472	0.081026223	0.789170091	0.43189852	-0.096830162	0.224717106	-0.096830162	0.224717106
X Variable 5	-0.000894205	0.000831307	-1.075681625	0.284693081	-0.002543699	0.000755289	-0.002543699	0.000755289
X Variable 6	0.003640689	0.00211637	1.720251561	0.088511114	-0.000558649	0.007840028	-0.000558649	0.007840028
X Variable 7	0.007924195	0.003069898	2.581256727	0.011310016	0.00183285	0.01401554	0.00183285	0.01401554
X Variable 8	0.00332505	0.001897676	1.752169233	0.082841013	-0.000440352	0.007090453	-0.000440352	0.007090453
X Variable 9	0.003071878	0.002743087	1.119861515	0.265482291	-0.002371003	0.008514759	-0.002371003	0.008514759
X Variable 10	0.003495455	0.002242828	1.558503169	0.122305163	-0.000954804	0.007945713	-0.000954804	0.007945713

11) Summary Output for Infrastructure Score

Regression Statistics								
Multiple R	0.717201723							
R Square	0.514378311							
Adjusted R Square	0.465325615							
Standard Error	3.016249146							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	954.0127771	95.40127771	10.48623938	6.81278E-12
Residual	99	900.678132	9.097758909		
Total	109	1854.690909			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	13.55745781	1.855963911	7.304806804	7.16153E-11	9.874822095	17.24009352	9.874822095	17.24009352
X Variable 1	0.010713736	0.003780965	2.833598329	0.005578553	0.00321148	0.018215991	0.00321148	0.018215991
X Variable 2	-0.026262282	0.028503349	-0.921374586	0.359094757	-0.082819101	0.030294577	-0.082819101	0.030294577
X Variable 3	-0.243274414	0.114699828	-2.120965824	0.036422655	-0.470863797	-0.01568503	-0.470863797	-0.01568503
X Variable 4	-0.522040105	0.159120528	-3.280784137	0.00143006	-0.837769811	-0.2063104	-0.837769811	-0.206310399
X Variable 5	-0.002051113	0.001632534	-1.256398486	0.211928151	-0.005290414	0.001188189	-0.005290414	0.001188189
X Variable 6	-0.00799087	0.00415616	-1.922656926	0.057397245	-0.016237595	0.000255855	-0.016237595	0.000255855
X Variable 7	-0.003201724	0.006028713	-0.531079153	0.596553411	-0.015164	0.008760552	-0.015164	0.008760552
X Variable 8	-0.004542891	0.003726686	-1.219016257	0.225734647	-0.011937445	0.002851664	-0.011937445	0.002851664
X Variable 9	-0.006037211	0.005386917	-1.120717298	0.265119502	-0.016726024	0.004651602	-0.016726024	0.004651602
X Variable 10	-0.006861179	0.0044045	-1.55776567	0.122479954	-0.015600665	0.001878306	-0.015600665	0.001878306

12) Summary Output for Tribal Arable Density

Regression Statistics								
Multiple R	0.578945514							
R Square	0.335177908							
Adjusted R Square	0.26055502							
Standard Error	2.351926782							
Observations	110							

ANOVA					
	df	SS	MS	F	Significance F
Regression	11	273.3025062	24.84568238	4.49162338	1.7805E-05
Residual	98	542.0928398	5.531559589		
Total	109	815.3953459			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	6.986634227	1.448608459	4.822996983	5.18492E-06	4.11191794	9.861350514	4.11191794	9.861350514
X Variable 1	0.002390963	0.002949667	0.810587382	0.419566777	-0.003462555	0.008244481	-0.003462555	0.008244481
X Variable 2	0.019319799	0.02251849	0.857952701	0.393012012	-0.02536741	0.064007009	-0.02536741	0.064007009
X Variable 3	-0.234783655	0.089807282	-2.614304308	0.010351623	-0.41300319	-0.05656394	-0.41300319	-0.056563939
X Variable 4	0.002962553	0.124211568	0.02385086	0.981020069	-0.243531256	0.249456361	-0.243531256	0.249456361
X Variable 5	0.342524106	0.180544024	1.897177758	0.060748591	-0.015759626	0.700807838	-0.015759626	0.700807838
X Variable 6	-0.000741333	0.003249227	-0.228156607	0.819999873	-0.007189317	0.005706652	-0.007189317	0.005706652
X Variable 7	-0.00638525	0.004709908	-1.355705884	0.178308749	-0.015731909	0.002961409	-0.015731909	0.002961409
X Variable 8	-0.341973697	0.180478752	-1.894814174	0.061064787	-0.700127899	0.016180505	-0.700127899	0.016180505
X Variable 9	-0.006360342	0.00290595	-2.18873076	0.030991589	-0.012127105	-0.000593579	-0.012127105	-0.000593579
X Variable 10	0.006153541	0.004292746	1.433474176	0.154905156	-0.002365274	0.014672355	-0.002365274	0.014672355
X Variable 11	0.002395648	0.003437544	0.696906717	0.487511035	-0.004426047	0.009217343	-0.004426047	0.009217343

13) Summary Output for Aggregate Arable Density

Regression Statistics	
Multiple R	0.533641492
R Square	0.284773242
Adjusted R Square	0.212528115
Standard Error	2.462398936
Observations	110

ANOVA					
	df	SS	MS	F	Significance F
Regression	10	239.0052549	23.90052549	3.941764014	0.000153676
Residual	99	600.2774432	6.063408518		
Total	109	839.2826982			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	10.20313156	1.515167792	6.733994483	1.09352E-09	7.1967094	13.20955371	7.1967094	13.20955371
X Variable 1	0.003477847	0.003086696	1.126721531	0.262583899	-0.002646829	0.009602522	-0.002646829	0.009602522
X Variable 2	-0.017647265	0.023269503	-0.758385996	0.450021611	-0.063819015	0.028524485	-0.063819015	0.028524485
X Variable 3	-0.20212182	0.093638396	-2.15853568	0.033303467	-0.387920746	-0.01632289	-0.387920746	-0.01632289
X Variable 4	-0.108744754	0.129902472	-0.83712613	0.404537949	-0.366499486	0.149009979	-0.366499486	0.149009979
X Variable 5	-0.000425819	0.001332764	-0.319500318	0.750020379	-0.003070312	0.002218675	-0.003070312	0.002218675
X Variable 6	-0.002289379	0.003392997	-0.674736502	0.501415894	-0.009021822	0.004443065	-0.009021822	0.004443065
X Variable 7	-0.008815802	0.004921707	-1.79120803	0.076315686	-0.018581539	0.000949935	-0.018581539	0.000949935
X Variable 8	-0.008030854	0.003042384	-2.639858483	0.009642397	-0.014067605	-0.0019941	-0.014067605	-0.001994104
X Variable 9	0.004061122	0.004397759	0.923452493	0.3580167	-0.004664988	0.012787232	-0.004664988	0.012787232
X Variable 10	0.001153111	0.003595736	0.320688374	0.749122499	-0.005981611	0.008287833	-0.005981611	0.008287833

VIII. Summary Outputs of Multiple Regression Computation for Different Variables

ANNEXURE – VII-4
Summary Outputs of Multiple Regression Computation for Different Variables
(Computation based on the Data represented in Annexure VI)

List of Independent Variables:
(1) Altitude (2) Forest Area (3) Cultivable Area (4) Average Soil Depth (5) Depth of Ground Water Availability

1) Summary Output for Diseased Population

Regression Statistics								
Multiple R	0.34115728							
R Square	0.11638829							
Adjusted R Square	-0.067697483							
Standard Error	4.2813589							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	57.94584986	11.58918997	0.632250325	0.677004537
Residual	24	439.9208168	18.33003403		
Total	29	497.8666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.144376071	7.99918513	0.143061581	0.887435895	-15.36512722	17.65387936	-15.36512722	17.65387936
X Variable 1	-0.000189925	0.003622092	-0.052435152	0.958615974	-0.007665555	0.007285705	-0.007665555	0.007285705
X Variable 2	-0.001084475	0.005784632	-0.187475129	0.852864075	-0.013023366	0.010854417	-0.013023366	0.010854417
X Variable 3	0.030062221	0.049824868	0.603357752	0.55193087	-0.072771232	0.132895674	-0.072771232	0.132895674
X Variable 4	1.392718346	1.766598618	0.788361506	0.438203463	-2.253361249	5.038797941	-2.253361249	5.038797941
X Variable 5	0.023236914	0.017296641	1.343419544	0.191701888	-0.012462004	0.058935831	-0.012462004	0.058935831

2) Summary Output for Average Productivity

Regression Statistics								
Multiple R	0.702595705							
R Square	0.493640725							
Adjusted R Square	0.38814921							
Standard Error	1.469134578							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	50.49944619	10.09988924	4.879435332	0.004011666
Residual	24	51.80055381	2.158356409		
Total	29	102.3			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-5.430657202	2.744894727	-1.978457369	0.059464721	-11.09584032	0.234525912	-11.09584032	0.234525912
X Variable 1	0.000198324	0.001242909	0.159564328	0.874559559	-0.002366914	0.002763562	-0.002366914	0.002763562
X Variable 2	-0.000845438	0.001984978	-0.425918299	0.673962844	-0.004942231	0.003251354	-0.004942231	0.003251354
X Variable 3	0.022063366	0.017097244	1.290463305	0.209184395	-0.013223604	0.057350335	-0.013223604	0.057350335
X Variable 4	2.66985594	0.606202651	4.404230065	0.000188967	1.418715419	3.920996462	1.418715419	3.920996462
X Variable 5	0.007986493	0.005935355	1.345579588	0.191013776	-0.004263476	0.020236462	-0.004263476	0.020236462

3) Summary Output for Tribal Population

Regression Statistics								
Multiple R	0.389327119							
R Square	0.151575605							
Adjusted R Square	-0.025179477							
Standard Error	21.99044147							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	2073.458282	414.6916564	0.857545952	0.523447535
Residual	24	11605.90838	483.579516		
Total	29	13679.36667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	38.51282695	41.08639722	0.937361987	0.357910195	-46.28531172	123.3109656	-46.28531172	123.3109656
X Variable 1	-0.014604089	0.018604235	-0.784987326	0.440141569	-0.053001336	0.023793158	-0.053001336	0.023793158
X Variable 2	0.041144878	0.029711738	1.38480215	0.178852574	-0.020177122	0.102466878	-0.020177122	0.102466878
X Variable 3	0.347872691	0.255916609	1.358320492	0.186681602	-0.180313122	0.876058504	-0.180313122	0.876058504
X Variable 4	3.047781266	9.073820814	0.33588731	0.739874636	-15.67966061	21.77522314	-15.67966061	21.77522314
X Variable 5	0.083360298	0.088842158	0.938296635	0.357439565	-0.100000867	0.266721463	-0.100000867	0.266721463

4) Summary Output for Tribal Density

Regression Statistics								
Multiple R	0.710981114							
R Square	0.505494145							
Adjusted R Square	0.402472092							
Standard Error	1.094755628							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	29.40290942	5.880581884	4.906659585	0.003112168
Residual	24	28.76375725	1.198489885		
Total	29	58.16666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.891835074	2.045414352	1.902712313	0.069142376	-0.329691797	8.113361945	-0.329691797	8.113361945
X Variable 1	4.22842E-06	0.000926179	0.004565448	0.99639505	-0.001907311	0.001915768	-0.001907311	0.001915768
X Variable 2	0.001591435	0.001479147	1.075914301	0.292662934	-0.001461373	0.004644244	-0.001461373	0.004644244
X Variable 3	-0.054141799	0.01274036	-4.249628543	0.000279922	-0.080436605	-0.02784699	-0.080436605	-0.027846993
X Variable 4	0.147112509	0.451724283	0.325668808	0.747497362	-0.785200397	1.079425415	-0.785200397	1.079425415
X Variable 5	0.000296276	0.004422851	0.066987613	0.947146499	-0.008832038	0.009424591	-0.008832038	0.009424591

5) Summary Output for Literate Population

Regression Statistics								
Multiple R	0.643897127							
R Square	0.41460351							
Adjusted R Square	0.292645908							
Standard Error	9.984842885							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	1694.636568	338.9273137	3.399570864	0.018357918
Residual	24	2392.730098	99.69708743		
Total	29	4087.366667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-8.711364391	18.65543361	-0.466961239	0.644739156	-47.21427906	29.79155028	-47.21427906	29.79155028
X Variable 1	-0.027399244	0.008447323	-3.243541565	0.003455787	-0.044833659	-0.009996483	-0.044833659	-0.0099964829
X Variable 2	0.033129704	0.013490726	2.455739044	0.021681623	0.005286219	0.060973189	0.005286219	0.060973189
X Variable 3	0.347987308	0.116199902	2.9947298	0.006283911	0.108162548	0.587812068	0.108162548	0.587812068
X Variable 4	8.234154604	4.120002562	1.998579972	0.057103314	-0.269111007	16.73742021	-0.269111007	16.73742021
X Variable 5	0.034090434	0.040339117	0.845096185	0.406403518	-0.049165395	0.117346262	-0.049165395	0.117346262

6) Summary Output for Alcohol Addiction

Regression Statistics								
Multiple R	0.3384503							
R Square	0.114548606							
Adjusted R Square	-0.069920435							
Standard Error	9.270539151							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	266.8371591	53.36743183	0.620963852	0.685150693
Residual	24	2062.629508	85.94289615		
Total	29	2329.466667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	27.72536277	17.32084617	1.60069332	0.122527298	-8.023099376	63.47382491	-8.023099376	63.47382491
X Variable 1	-0.001690823	0.007843012	-0.215583429	0.831134115	-0.017878001	0.014498354	-0.017878001	0.014498354
X Variable 2	0.003691215	0.012525616	0.294693328	0.77076221	-0.02216038	0.029542811	-0.02216038	0.029542811
X Variable 3	0.173388325	0.107887099	1.607127511	0.121104504	-0.049279658	0.396056309	-0.049279658	0.396056309
X Variable 4	-0.927259389	3.826262499	-0.24240412	0.810526564	-8.822211534	6.967692757	-8.822211534	6.967692757
X Variable 5	-0.005561084	0.037453305	-0.148480468	0.883204119	-0.08266089	0.071738722	-0.08266089	0.071738722

7) Summary Output for Annual Crime Rate

Regression Statistics								
Multiple R	0.490035666							
R Square	0.240134945							
Adjusted R Square	0.081829725							
Standard Error	5.809987067							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	256.0238734	51.20477469	1.516911096	0.221846078
Residual	24	810.1427932	33.75594972		
Total	29	1066.166667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	19.57387896	10.85523621	1.803173933	0.08393148	-2.830222822	41.97798075	-2.830222822	41.97798075
X Variable 1	0.011814018	0.004915334	2.403502454	0.024322612	0.001669269	0.021958766	0.001669269	0.021958766
X Variable 2	-0.009160425	0.007849993	-1.166934159	0.254701219	-0.025382011	0.007041161	-0.025382011	0.007041161
X Variable 3	-0.123034109	0.067614477	-1.819641523	0.081310853	-0.262583501	0.016515283	-0.262583501	0.016515283
X Variable 4	-2.748557745	2.397349851	-1.14649839	0.262891515	-7.696443635	2.199328146	-7.696443635	2.199328146
X Variable 5	-0.000516588	0.023472552	-0.022008191	0.98262338	-0.048961546	0.047928369	-0.048961546	0.047928369

8) Summary Output for Malnutrition

Regression Statistics								
Multiple R	0.232442902							
R Square	0.054029703							
Adjusted R Square	-0.143047442							
Standard Error	4.747669958							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	30.89778602	6.179557204	0.274155091	0.922766765
Residual	24	540.9688806	22.54037003		
Total	29	571.8666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	10.59695513	8.870429182	1.194638378	0.243901393	-7.710707133	28.90461739	-7.710707133	28.90461739
X Variable 1	0.003765481	0.004016598	0.937480155	0.357850871	-0.004524369	0.012055331	-0.004524369	0.012055331
X Variable 2	0.000153893	0.006414674	0.023990715	0.981058374	-0.013085342	0.013393127	-0.013085342	0.013393127
X Variable 3	-0.007133971	0.055251624	-0.129117858	0.898340377	-0.121167694	0.106899752	-0.121167694	0.106899752
X Variable 4	-0.739865677	1.959010534	-0.377673149	0.708992897	-4.783063867	3.30332514	-4.783063867	3.30332514
X Variable 5	-0.005432468	0.019180754	-0.283224928	0.779433109	-0.04501959	0.034154655	-0.04501959	0.034154655

9) Summary Output for Average Cultivable Land per Household

Regression Statistics								
Multiple R	0.926751282							
R Square	0.858867939							
Adjusted R Square	0.829465426							
Standard Error	0.758523677							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	84.03307062	16.80661412	29.21089872	1.83695E-09
Residual	24	13.80859605	0.575358169		
Total	29	97.84166667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.029015489	1.417206887	0.726086994	0.474807484	-1.895955165	3.953986142	-1.895955165	3.953986142
X Variable 1	0.000381542	0.000641722	0.594560257	0.557701567	-0.000942907	0.001705992	-0.000942907	0.001705992
X Variable 2	-0.000665234	0.001024857	-0.649099016	0.522438104	-0.002780434	0.001449967	-0.002780434	0.001449967
X Variable 3	0.094209524	0.008827417	10.67237661	1.35879E-10	0.075990633	0.112428414	0.075990633	0.112428414
X Variable 4	-0.122929353	0.312986346	-0.392762669	0.69796159	-0.76890129	0.523042584	-0.76890129	0.523042584
X Variable 5	-0.001189926	0.003064462	-0.388298412	0.701218289	-0.007514664	0.005134812	-0.007514664	0.005134812

10) Summary Output for Addiction among children

Regression Statistics								
Multiple R	0.352869781							
R Square	0.124517082							
Adjusted R Square	-0.057875192							
Standard Error	6.007542537							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	123.1930506	24.63861011	0.682688357	0.640976798
Residual	24	866.1736161	36.09056734		
Total	29	989.3666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5.21272614	11.22434396	0.464412544	0.64653762	-17.95317646	28.37862874	-17.95317646	28.37862874
X Variable 1	-0.000209544	0.005082469	-0.041228847	0.967454533	-0.010699242	0.010280154	-0.010699242	0.010280154
X Variable 2	0.011695909	0.008116914	1.440930439	0.162524795	-0.005056675	0.028448393	-0.005056675	0.028448393
X Variable 3	-0.0070288	0.069913554	-0.100535585	0.920754278	-0.151323254	0.137265654	-0.151323254	0.137265654
X Variable 4	0.51120799	2.478866311	0.206226527	0.838353429	-4.60491957	5.62733555	-4.60491957	5.62733555
X Variable 5	0.023719924	0.024270884	0.977307634	0.338165908	-0.026372294	0.073812143	-0.026372294	0.073812143

11) Summary Output for Density of trees (per hectare)

Regression Statistics								
Multiple R	0.445795677							
R Square	0.198733786							
Adjusted R Square	0.031803324							
Standard Error	2.972759429							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	52.60483307	10.52096661	1.1905184	0.343253408
Residual	24	212.0951669	8.837298622		
Total	29	264.7			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-6.111123362	5.554230228	-1.100264683	0.282130688	-17.57448878	5.352242056	-17.57448878	5.352242056
X Variable 1	5.5781E-05	0.002514998	0.022171372	0.982494562	-0.005134939	0.005246461	-0.005134939	0.005246461
X Variable 2	0.000673664	0.004016556	0.167721821	0.868207434	-0.007616099	0.008963427	-0.007616099	0.008963427
X Variable 3	-0.049651847	0.034595873	-1.435195675	0.164136266	-0.121054204	0.02175051	-0.121054204	0.02175051
X Variable 4	1.755400758	1.226636874	1.431067984	0.165304052	-0.776252801	4.287054316	-0.776252801	4.287054316
X Variable 5	0.018464845	0.012010053	1.537449108	0.137264058	-0.006322681	0.043252371	-0.006322681	0.043252371

12) Summary Output for Non-Concrete or Non Cemented Houses

Regression Statistics								
Multiple R	0.520708075							
R Square	0.271136899							
Adjusted R Square	0.11929042							
Standard Error	1.606355452							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	23.03759855	4.60751971	1.785598854	0.15396175
Residual	24	61.92906811	2.580377838		
Total	29	84.96666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	9.352579639	3.001274816	3.116202351	0.00470102	3.158254138	15.54690514	3.158254138	15.54690514
X Variable 1	0.00232762	0.001359	1.712744258	0.099651609	-0.000477218	0.005132458	-0.000477218	0.005132458
X Variable 2	-0.001264435	0.00217038	-0.58258717	0.565605146	-0.005743878	0.003215008	-0.005743878	0.003215008
X Variable 3	-0.044568468	0.01869417	-2.384083882	0.025377772	-0.08315133	-0.00598561	-0.08315133	-0.005985607
X Variable 4	-1.05330461	0.662823507	-1.589117765	0.125121957	-2.421304811	0.314695591	-2.421304811	0.314695591
X Variable 5	0.004346584	0.006489733	0.669763197	0.509401898	-0.009047563	0.017740731	-0.009047563	0.017740731

13) Summary Output for Animal Domestication (Animal / Household)

Regression Statistics								
Multiple R	0.356112319							
R Square	0.126815984							
Adjusted R Square	-0.055097353							
Standard Error	2.102208678							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	15.40391481	3.080782962	0.697123069	0.630803468
Residual	24	106.0627519	4.419281327		
Total	29	121.4666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	1.513042354	3.927714726	0.385222059	0.703465912	-6.593360751	9.619445459	-6.593360751	9.619445459
X Variable 1	-0.001102103	0.001778499	-0.619681488	0.541306595	-0.004772745	0.002568538	-0.004772745	0.002568538
X Variable 2	0.003218337	0.002840337	1.133082585	0.268372489	-0.00264383	0.009080504	-0.00264383	0.009080504
X Variable 3	0.037673427	0.024464726	1.539908005	0.13665053	-0.012819275	0.088166128	-0.012819275	0.088166128
X Variable 4	0.861064842	0.867425281	0.992667451	0.330775492	-0.929212578	2.651342262	-0.929212578	2.651342262
X Variable 5	0.000672572	0.008492997	0.079191397	0.937536995	-0.016856109	0.018201253	-0.016856109	0.018201253

14) Summary Output for Annual Death Rate of Animals

Regression Statistics								
Multiple R	0.317260933							
R Square	0.1006545							
Adjusted R Square	-0.086709146							
Standard Error	2.841500316							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	21.6876895	4.337537901	0.537214672	0.7460888
Residual	24	193.7789772	8.074124048		
Total	29	215.4666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.95301475	5.308988947	0.744588996	0.463749334	-7.004197646	14.91022715	-7.004197646	14.91022715
X Variable 1	-0.000275474	0.002403951	-0.114592263	0.909721623	-0.005236984	0.004686036	-0.005236984	0.004686036
X Variable 2	0.001691516	0.003839209	0.440589771	0.663453047	-0.006232221	0.009615254	-0.006232221	0.009615254
X Variable 3	-0.01294466	0.033068328	-0.391451913	0.698917184	-0.08119432	0.055305	-0.08119432	0.055305
X Variable 4	1.337684482	1.172475994	1.140905647	0.265166343	-1.082186536	3.757555501	-1.082186536	3.757555501
X Variable 5	-0.005910597	0.011479761	-0.514871088	0.611352717	-0.029803655	0.017782461	-0.029803655	0.017782461

15) Summary Output for Electrified Houses (Electrification)

Regression Statistics								
Multiple R	0.455623457							
R Square	0.207592734							
Adjusted R Square	0.042507887							
Standard Error	3.033451726							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	5	57.85609501	11.571219	1.25749115	0.314221825
Residual	24	220.843905	9.201829374		
Total	29	278.7			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-2.855444805	5.667626215	-0.503816712	0.618983742	-14.55284799	8.841958381	-14.55284799	8.841958381
X Variable 1	-0.002570407	0.002566345	-1.001583066	0.326537051	-0.007867081	0.002726267	-0.007867081	0.002726267
X Variable 2	0.003697549	0.004098559	0.902158312	0.37593818	-0.004761459	0.012156557	-0.004761459	0.012156557
X Variable 3	0.062869481	0.035302187	1.78089478	0.087592406	-0.009990637	0.135729599	-0.009990637	0.135729599
X Variable 4	2.47242309	1.251680074	1.975283574	0.059844933	-0.110917083	5.055763263	-0.110917083	5.055763263
X Variable 5	-0.002143512	0.012255252	-0.174905597	0.862620996	-0.027437104	0.023150079	-0.027437104	0.023150079

ANNEXURE – VII-5 **Summary Outputs of Multiple Regression Computation for Different Variables** (Computation based on the Data represented in Annexure VI)

List of Independent Variables:
(1) Distance from Town (2) Distance from Growth Centres

1) Summary Output for Average Productivity

Regression Statistics								
Multiple R	0.28107549							
R Square	0.079003431							
Adjusted R Square	0.010781463							
Standard Error	1.868034707							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	8.082050974	4.041025487	1.158035059	0.329217693
Residual	27	94.21794903	3.489553668		
Total	29	102.3			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.891906792	1.115473656	3.309721187	0.002654594	1.403145438	5.980668146	1.403145438	5.980668146
X Variable 1	0.051881297	0.054868894	0.945550258	0.352763733	-0.060700299	0.164462893	-0.060700299	0.164462893
X Variable 2	0.251470842	0.204166757	1.231693373	0.228683748	-0.16744446	0.670386144	-0.16744446	0.670386144

2) Summary Output for Tribal Population

Regression Statistics								
Multiple R	0.226564998							
R Square	0.051331698							
Adjusted R Square	-0.018940028							
Standard Error	21.9234202							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	702.1851232	351.0925616	0.73047442	0.490957907
Residual	27	12977.18154	480.6363535		
Total	29	13679.36667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	63.98605832	13.09129728	4.887678964	4.11887E-05	37.12495305	90.84716358	37.12495305	90.84716358
X Variable 1	0.762654724	0.643948186	1.184345433	0.246597794	-0.558612826	2.083922274	-0.558612826	2.083922274
X Variable 2	0.698847073	2.396119082	0.291657906	0.772777333	-4.217579887	5.615274033	-4.217579887	5.615274033

3) Summary Output for Tribal Density

Regression Statistics								
Multiple R	0.026971656							
R Square	0.00072747							
Adjusted R Square	-0.073292717							
Standard Error	1.467226562							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.042314519	0.021157259	0.009827998	0.99022368
Residual	27	58.12435215	2.152753783		
Total	29	58.16666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	2.721144286	0.876136064	3.105846679	0.004425521	0.923462777	4.518825795	0.923462777	4.518825795
X Variable 1	0.002816266	0.043096147	0.065348447	0.948378031	-0.085609665	0.091242197	-0.085609665	0.091242197
X Variable 2	0.020318432	0.160360451	0.126710991	0.900108075	-0.308712816	0.349351679	-0.308712816	0.349351679

4) Summary Output for Cultivable Land Per Household

Regression Statistics								
Multiple R	0.092760741							
R Square	0.008604555							
Adjusted R Square	-0.064832145							
Standard Error	1.895411444							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.841884003	0.420942002	0.117169686	0.889884022
Residual	27	96.99978266	3.592584543		
Total	29	97.84166667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.446201315	1.131821333	3.044828026	0.005146257	1.12389732	5.76850531	1.12389732	5.76850531
X Variable 1	0.024402212	0.055673018	0.438313081	0.664646385	-0.089829309	0.138633733	-0.089829309	0.138633733
X Variable 2	-0.038657996	0.207158896	-0.186610358	0.853361229	-0.463712656	0.386396664	-0.463712656	0.386396664

5) Summary Output for Literate Population

Regression Statistics								
Multiple R	0.142395689							
R Square	0.020276532							
Adjusted R Square	-0.052295577							
Standard Error	12.17844034							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	82.87762192	41.43881096	0.279398416	0.756398384
Residual	27	4004.489045	148.3144091		
Total	29	4087.366667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	18.56975463	7.272203943	2.553525007	0.016625834	3.648434649	33.4910746	3.648434649	33.4910746
X Variable 1	-0.218332135	0.357711531	-0.610358112	0.546728267	-0.952295078	0.515630809	-0.952295078	0.515630809
X Variable 2	0.539302654	1.331042009	0.405173278	0.688542684	-2.19176813	3.270373438	-2.19176813	3.270373438

6) Summary Output for Diseased Population

Regression Statistics								
Multiple R	0.032424719							
R Square	0.001051362							
Adjusted R Square	-0.072944833							
Standard Error	4.291866677							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.523438282	0.261719141	0.01420833	0.985899498
Residual	27	497.3432284	18.42011957		
Total	29	497.8666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	12.62018553	2.562834723	4.924307219	3.73266E-05	7.361686557	17.8786845	7.361686557	17.8786845
X Variable 1	0.018724245	0.126062957	0.148530902	0.883027579	-0.239935404	0.277383893	-0.239935404	0.277383893
X Variable 2	-0.034391505	0.469079347	-0.073317031	0.942094305	-0.99686218	0.92807917	-0.99686218	0.92807917

7) Summary Output for Malnutrition

Regression Statistics								
Multiple R	0.067100535							
R Square	0.004502482							
Adjusted R Square	-0.069238075							
Standard Error	4.591827875							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	2.574819283	1.287409641	0.061058419	0.940897798
Residual	27	569.2918474	21.08488324		
Total	29	571.8666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	10.18835826	2.741952816	3.715730699	0.000934142	4.562339561	15.81437695	4.562339561	15.81437695
X Variable 1	0.012905516	0.134873574	0.09568602	0.924476612	-0.263832015	0.289643046	-0.263832015	0.289643046
X Variable 2	-0.166474841	0.501863591	-0.331713326	0.742666914	-1.196213182	0.863263501	-1.196213182	0.863263501

8) Summary Output for Annual Rate of Crime

Regression Statistics								
Multiple R	0.171548346							
R Square	0.029428835							
Adjusted R Square	-0.042465326							
Standard Error	6.190765596							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	31.37604276	15.68802138	0.409335539	0.668143415
Residual	27	1034.790624	38.32557866		
Total	29	1066.166667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	14.80919419	3.696738558	4.006016101	0.000435581	7.224118281	22.39427009	7.224118281	22.39427009
X Variable 1	0.155602057	0.181838411	0.855716107	0.399885287	-0.217499294	0.528703408	-0.217499294	0.528703408
X Variable 2	-0.174051979	0.876619407	-0.257237639	0.798945639	-1.562359396	1.214255438	-1.562359396	1.214255438

9) summary Output for Alcohol Addiction

Regression Statistics								
Multiple R	0.209594256							
R Square	0.043929752							
Adjusted R Square	-0.02880266							
Standard Error	9.08220436							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	102.3328937	51.16644684	0.62030134	0.545270932
Residual	27	2227.133773	82.48643604		
Total	29	2329.466667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	22.75897126	5.423325198	4.196497614	0.000262675	11.63123457	33.88670794	11.63123457	33.88670794
X Variable 1	0.117670074	0.266767265	0.441096375	0.662655273	-0.428690776	0.665030923	-0.428690776	0.665030923
X Variable 2	1.032969141	0.992639058	1.040629153	0.307276984	-1.003756605	3.069694887	-1.003756605	3.069694887

10) Summary Output for Addiction Amongst Children

Regression Statistics								
Multiple R	0.103506448							
R Square	0.010713585							
Adjusted R Square	-0.06256689							
Standard Error	3.114268918							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	2.835885878	1.417942939	0.146199717	0.86466447
Residual	27	261.8641141	9.698670993		
Total	29	264.7			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.296805511	1.85964689	1.772812639	0.08754346	-0.518872173	7.112483195	-0.518872173	7.112483195
X Variable 1	-0.046566979	0.091473938	-0.509073728	0.614835884	-0.234255872	0.141121914	-0.234255872	0.141121914
X Variable 2	0.054618353	0.340373881	0.160465767	0.87370874	-0.643770854	0.75300736	-0.643770854	0.75300736

11) Summary Output for Density of Trees (Per Hectare)

Regression Statistics								
Multiple R	0.333071806							
R Square	0.110936828							
Adjusted R Square	0.045080297							
Standard Error	5.707725327							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	109.7571995	54.87859977	1.68452279	0.204451537
Residual	27	879.6094671	32.57812841		
Total	29	989.3666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	10.6536223	3.408297079	3.125790404	0.00421165	3.660379032	17.64686558	3.660379032	17.64686558
X Variable 1	0.307708899	0.167650299	1.835421115	0.077481924	-0.03628087	0.651698668	-0.03628087	0.651698668
X Variable 2	0.03846417	0.623825546	0.061658536	0.951288932	-1.241519264	1.318447604	-1.241519264	1.318447604

12) Summary Output for Animal Per Household

Regression Statistics								
Multiple R	0.04892042							
R Square	0.002393208							
Adjusted R Square	-0.071503592							
Standard Error	2.118489781							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	0.290694942	0.145347471	0.032385808	0.968170546
Residual	27	121.1759717	4.487998953		
Total	29	121.4666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5.170839404	1.265029783	4.087365746	0.000351109	2.575014429	7.766264378	2.575014429	7.766264378
X Variable 1	-0.012411735	0.062225392	-0.199464143	0.84339428	-0.140087607	0.115264138	-0.140087607	0.115264138
X Variable 2	-0.038534293	0.231540231	-0.166425908	0.869061846	-0.513615288	0.436546701	-0.513615288	0.436546701

13) Summary Output for Non-Concrete Houses

Regression Statistics								
Multiple R	0.164459525							
R Square	0.027046935							
Adjusted R Square	-0.045023662							
Standard Error	1.749799763							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	2.298087942	1.149043971	0.375283907	0.690622177
Residual	27	82.66857873	3.061799212		
Total	29	84.96666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	7.931835159	1.044871132	7.591209019	3.63903E-08	5.787938121	10.0757322	5.787938121	10.0757322
X Variable 1	0.033155681	0.051396036	0.645101911	0.52430542	-0.072300203	0.138611564	-0.072300203	0.138611564
X Variable 2	-0.10523485	0.191244275	-0.550264055	0.586662283	-0.497635427	0.287165726	-0.497635427	0.287165726

14) Summary Output for Annual Death Rate of Animals

Regression Statistics								
Multiple R	0.354008514							
R Square	0.125322028							
Adjusted R Square	0.060531067							
Standard Error	2.641996629							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	27.00271962	13.50135981	1.934251726	0.164040301
Residual	27	188.463947	6.980146187		
Total	29	215.4666667			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5.019704777	1.577635376	3.181790199	0.003662748	1.782666537	8.256743017	1.782666537	8.256743017
X Variable 1	0.126271808	0.077602109	1.627169785	0.115316745	-0.032954462	0.285498077	-0.032954462	0.285498077
X Variable 2	-0.298735115	0.288756885	-1.034555814	0.310054248	-0.891214907	0.293744678	-0.891214907	0.293744678

15) Summary Output for Electrification (Electrified Houses)

Regression Statistics								
Multiple R	0.262243566							
R Square	0.068771688							
Adjusted R Square	-0.000208187							
Standard Error	3.100378296							
Observations	30							

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	19.16666944	9.583334719	0.996981917	0.382171514
Residual	27	259.5333306	9.612345576		
Total	29	278.7			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	5.190132524	1.851352278	2.803427843	0.009248748	1.391473966	8.988791081	1.391473966	8.988791081
X Variable 1	0.032393406	0.091065936	0.355713758	0.724819151	-0.154458335	0.219245147	-0.154458335	0.219245147
X Variable 2	-0.457502	0.338855686	-1.350138181	0.188181883	-1.152775971	0.237771972	-1.152775971	0.237771972