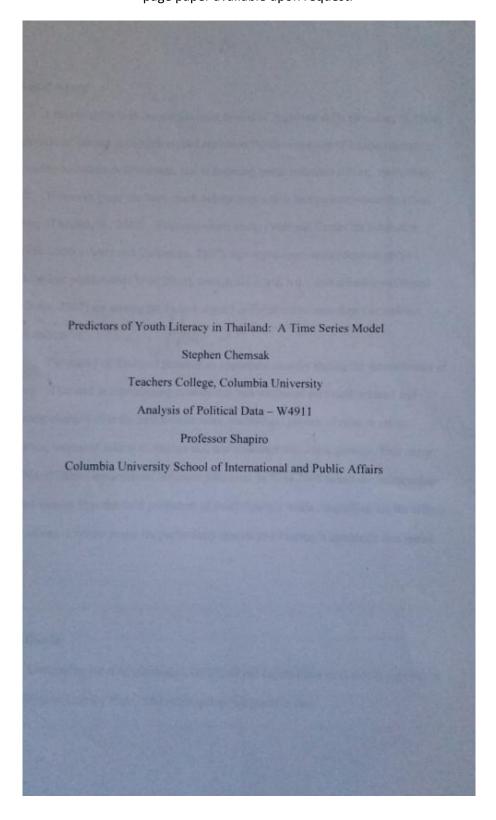
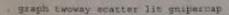
Excerpts – Predictors of Youth Literacy in Thailand. A Time Series Regression Analysis. Excerpts. Full 50 page paper available upon request.

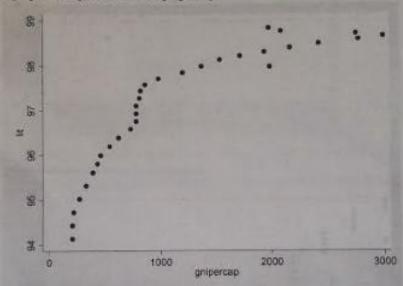


Dataset

	Urban population	GNI per capita, Atlas method	Aid (%	Age dependency ratio (dependents to working-	Literacy rate, youth total (% of people	
	(% of	(current	of	age	ages 15-	
Year	total)	\$US)	GNI)	population)	24)	
1970	21	210	1.0458	0.9179589	94 13091	
1971	21	210	0.8522	0.90268873	94.72272	
1972	22	220	0.6608	0.88778154	95.01715	
1973	23	270	0.5702	0.87307914	95.31302	
1974	23	330	0.5255	0.85862372	95.61095	
1975	24	390	0.5852	0.82217825	95.80374	
1976	24	430	0.9986	0.80056425	95.99789	
1977	25	460 540	1.0919	0.779543	96 19346	
1978	26	620	1.4508	0.75907986	96.3901	
1979	26 27	730	1.3039	0.73921299	96.58737	
1981	27	780	1.1858	0.71746433	96.75976	
1982	27	780	1.0794	0.69651619	96.93267	
1983	28	780	1.0759	0.67618853	97 10534	
1984	28	810	1.1184	0.65649334	97.27654	
1985	28	820	1.1988	0.63740556	97.44514	
1985	28	860	1.1017	0.61993206	97.58192	
1987	29	980	0.9461	0.60291798	97.71788	
1988	29	1200	0.8793	0.58652455	97.85451	
1989	29	1370	1.0134	0.57062796	97.99309	
1990	29	1540	0.9486	0.55525094	98.13403	
1991	30	1720	0.7408	0.5424036	98.2199	
1992	30	1940	0.6794	0.52995417	98.30672	
100000	30	2170	0.4711	0.51790583	98.39394	
1993			0.4065	0.50632714	98 48095	
1994	30	2430		0.49511492	THE RESERVE OF THE PARTY OF THE	
1995	30	2780	0.5083			
1996	30	3000	0.4651	0.48062483		
1997	31	2760	0.426	0.46709355	The second second second	
1998	31	2090	0.6522	0.45462068	THE RESERVE OF THE PERSON NAMED IN	
1999	31	1980	0.8524	0.44303343	98.83598	
2000	31	1990	0.5781	0.43243307	97.97539	

Scatterplots for Impure Serial Correlation/Functional Form





Suggests impure serial correlation/incorrect functional form so log was taken

graph twoway scatter lit gnipercaplog

Time Series Regression using Prais-Winsten, Cochrane-Oreutt, and Newey-West Standard Errors

Because the Durbin-Watson test for serial correlation was inconclusive in the original model, Prais- Winsten, Cochrane-Orcutt, and Newey-West Standard Errors regressions were run to correct for any possible serial correlation.

. prais til gnipercap urbanpop aldofgni adr

Prais-Winsten AR(1) regression -- iterated estimates

Source Model Residual	55 214.738894 131873435		ME 147236 172055		Number of obs F(4, 26) Prob > F R-squared Adj R-squared	- 11 -10584.41 - 0.0000 - 0.9994 - 0.9993
Total	214.870768	30 7.162	35892		Root MSE	= 07122
141	Coet.	Std, Err.	t	F>(±)	[954 Conf.	Interval)
gnipercap urbanpop aidofgni adr cone	.0000152 .0413144 0238866 -8.849176 101.4974	.000076 .0292335 .0741604 9820025 1.384228	0.20 1.41 -0.32 -9.01 73.32	0.843 0.169 0.750 0.000 0.000	- 000141 - 018776 - 1761666 -10 86771 98.6521	.0001715 .1014046 .1285934 -6.830641 104.3427
rho	9843789					

Durbin-Watson Statistic (original) Durbin-Watson statistic (transformed)

The Durbin-Watson test statistic is 61%. For n 31 and k-4, the di-1.16 and the

0.610590

di-1.74. Therefore, there is evidence of serial correlation.