Econ 584

Time Series Econometrics

Trend Cycle Decompositions

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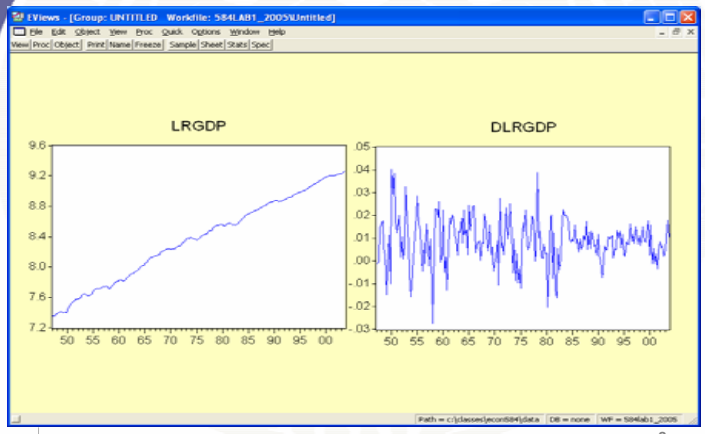
Forecasting from AR(1) for Δy(t)



Forecasting from AR(1) for Δy(t)

EViews - [Equation: UNTITLED Workfile: 584LAB1_2005\Untitled]

File Edit Object View Proc Quick Options Window Help

View | Proc | Object | Print | Name | Freeze | Estimate | Forecast | Stats | Resids

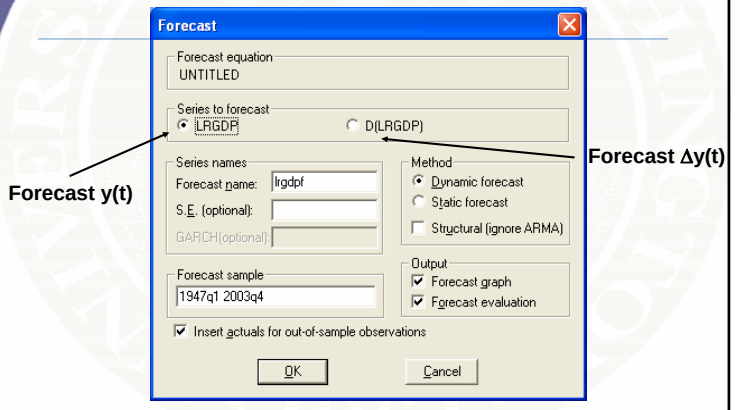
Dependent Variable: D(LRGDP)
Method: Least Squares
Date: 04/18/06 Time: 15:47
Sample (adjusted): 1947Q3 2003Q4
Included observations: 226 after adjustments
Convergence achieved after 3 iterations

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.008471	0.000948	8.932609	0.0000
AR(1)	0.332698	0.062872	5.291631	0.0000

R-squared	0.111116	Mean dependent var	0.008446
Adjusted R-squared	0.107148	S.D. dependent var	0.010068
S.E. of regression	0.009513	Akaike info criterion	-6.463468
Sum squared resid	0.020272	Schwarz criterion	-6.433198
Log likelihood	732.3719	F-statistic	28.00135
Durbin-Watson stat	2.056888	Prob(F-statistic)	0.000000

Inverted AR Roots .33

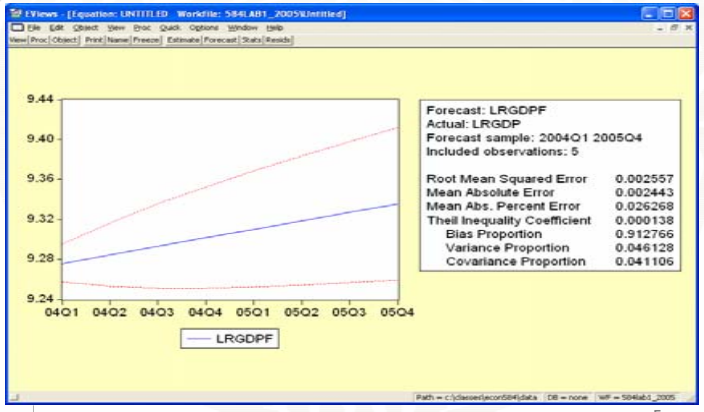
Forecasting from AR(1) for Δy(t)



Forecast y(t)

Forecast Δy(t)

Forecasting from AR(1) for Δy(t)



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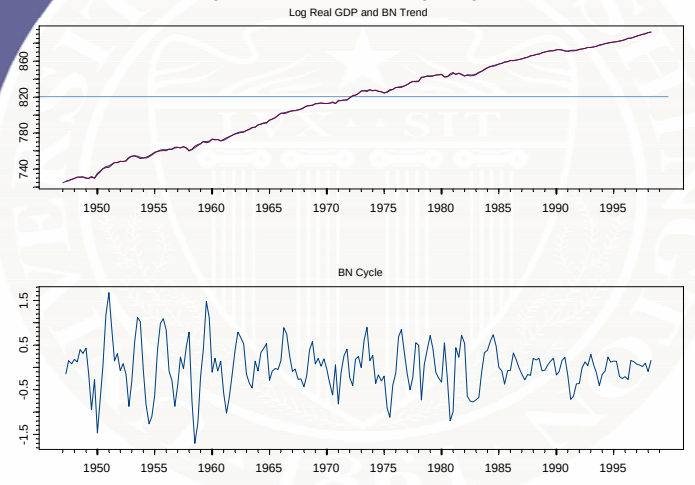
BN Decomposition from ARIMA(2,1,2) Model



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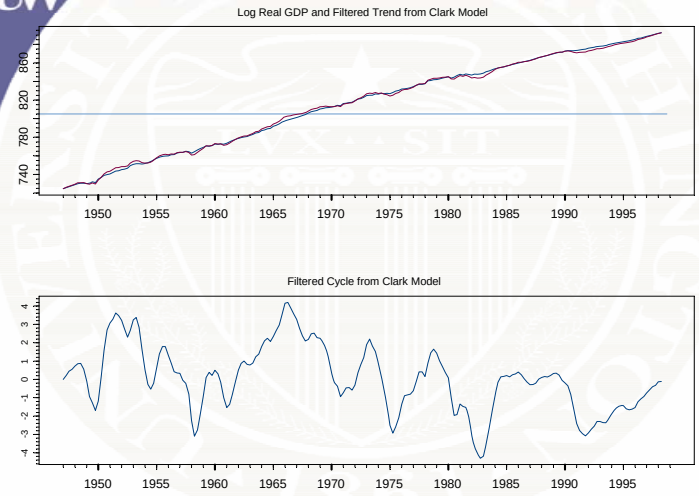
Clark's UC0-AR(2) Trend-Cycle Decomposition



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