

UW

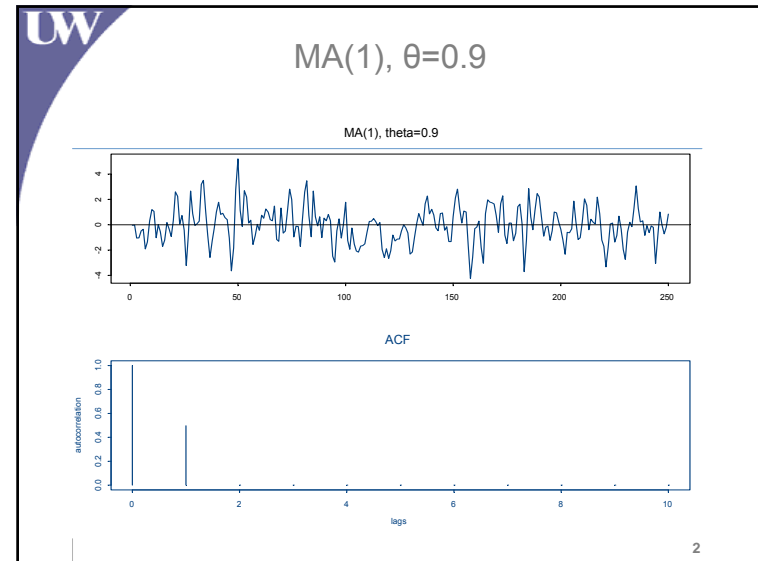
Econ 584

Time Series Econometrics

Forecasting

Eric Zivot
April 7, 2006

1



UW

Forecasting with MA(1)

EViews - [Equation: UNTITLED Workfile: ARMADATAVarmaData]

File Edit Object View Proc Quick Options Window Help

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

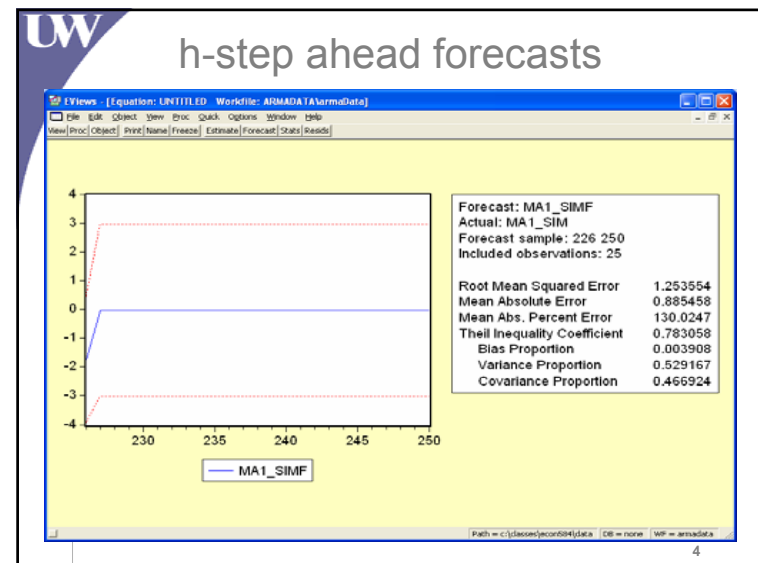
Dependent Variable: MA1_SIM
Method: Least Squares
Date: 04/10/06 Time: 13:35
Sample: 1 225
Included observations: 225
Convergence achieved after 7 iterations
Backcast: 0

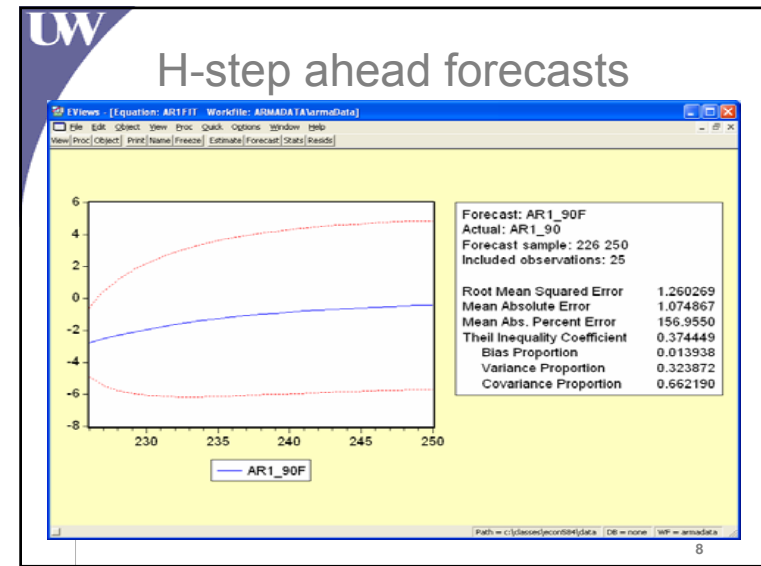
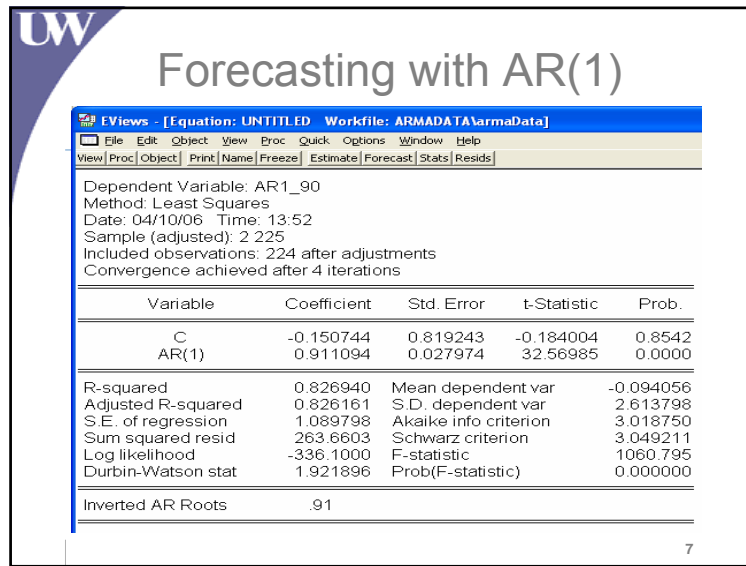
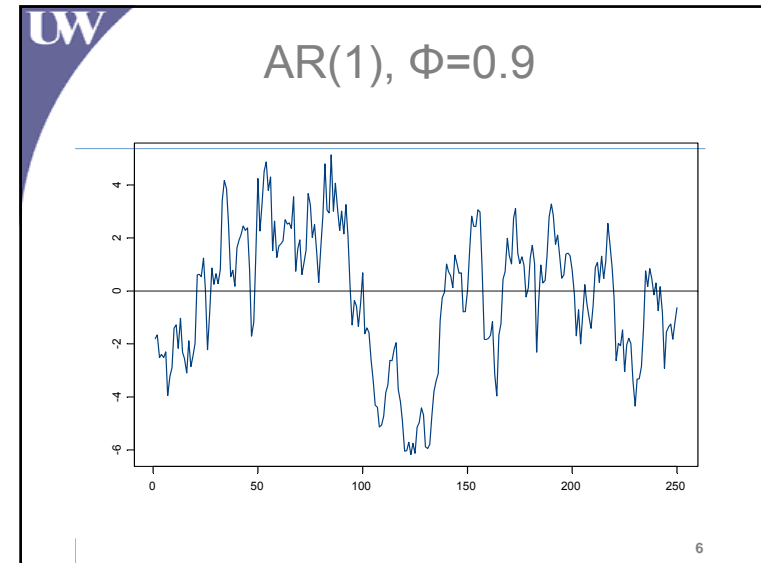
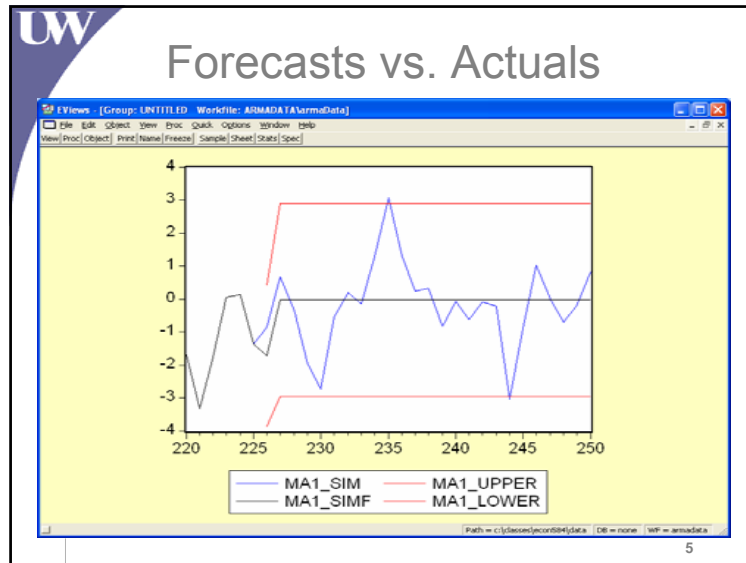
Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.027455	0.140247	-0.195761	0.8450
MA(1)	0.943203	0.022702	41.54788	0.0000

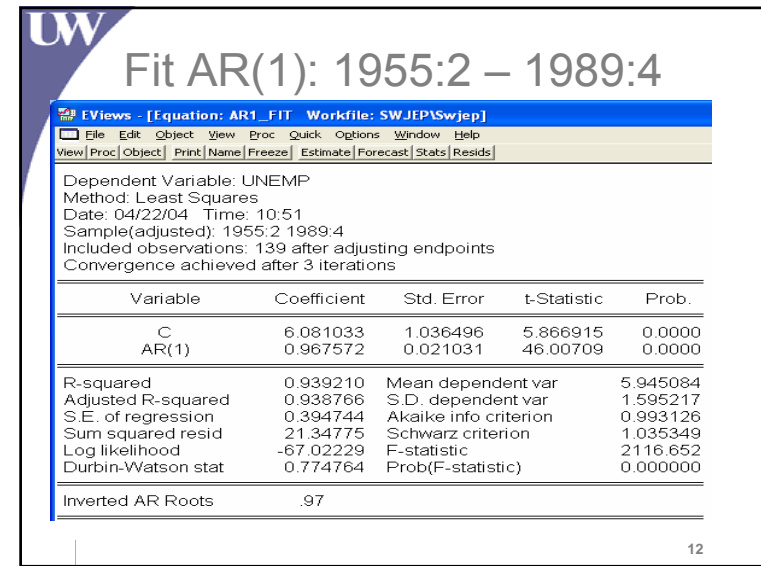
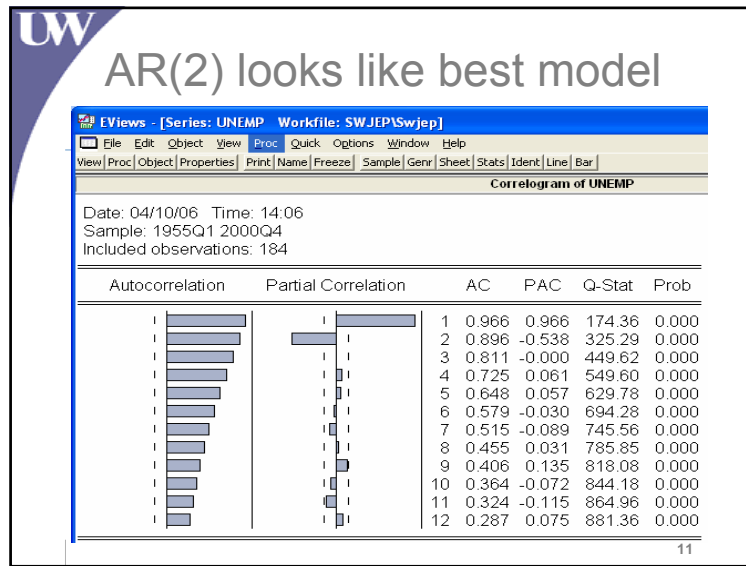
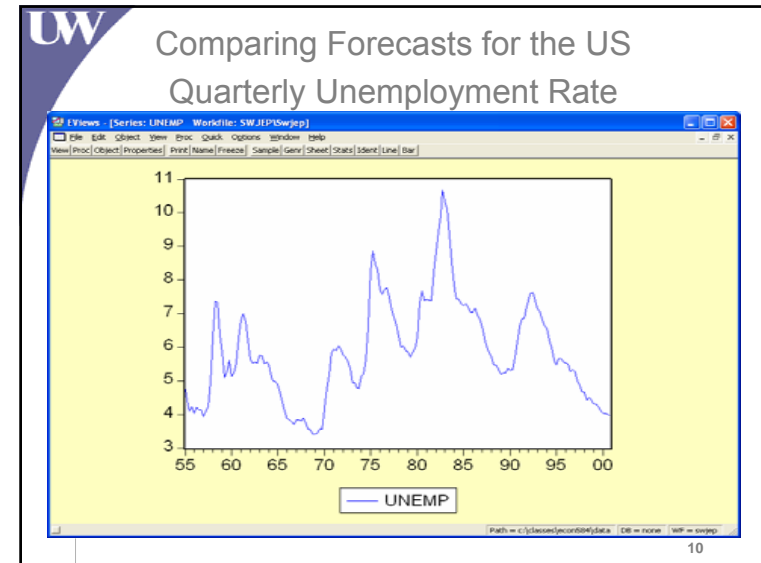
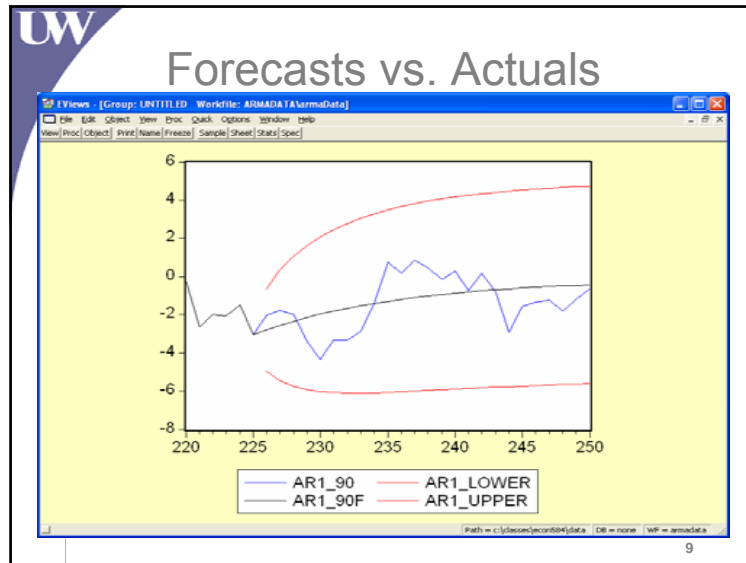
R-squared	0.473335	Mean dependent var	-0.020492
Adjusted R-squared	0.470973	S.D. dependent var	1.488687
S.E. of regression	1.082785	Akaike info criterion	3.005800
Sum squared resid	261.4506	Schwarz criterion	3.036165
Log likelihood	-336.1525	F-statistic	200.4188
Durbin-Watson stat	1.966231	Prob(F-statistic)	0.000000

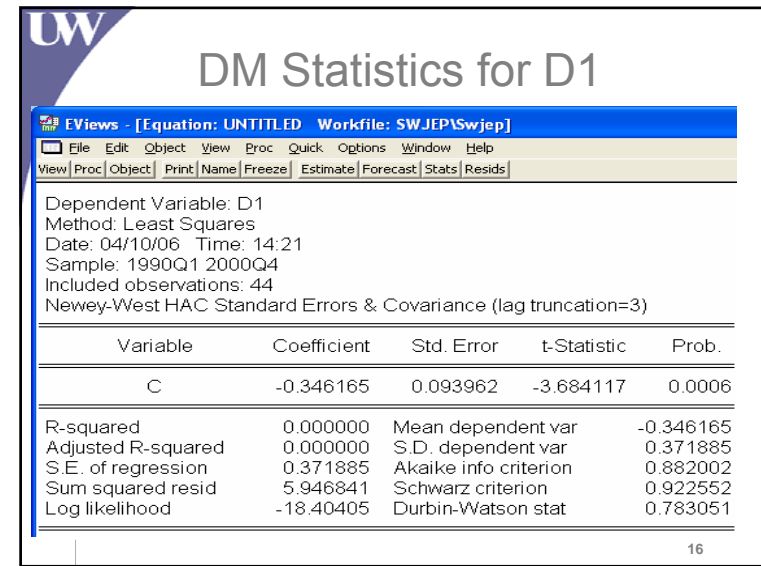
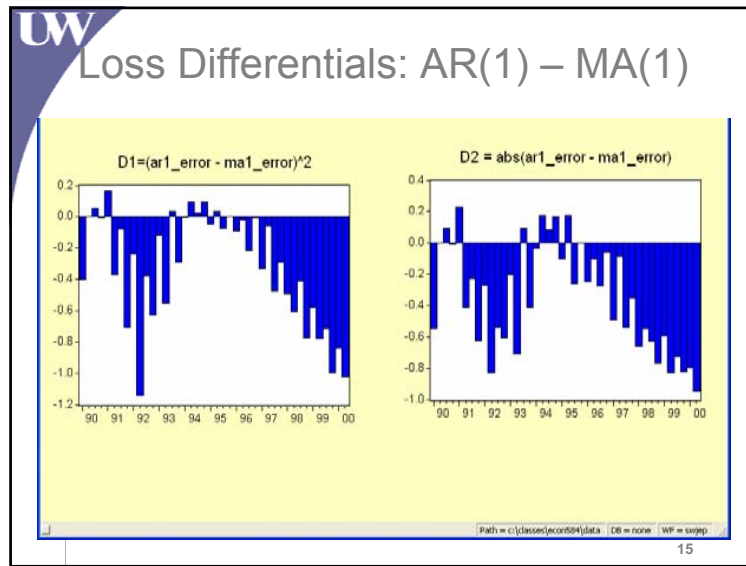
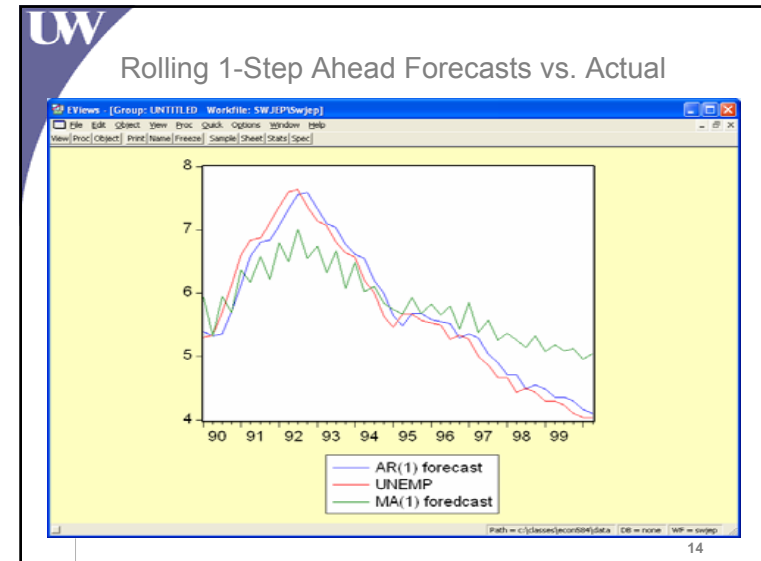
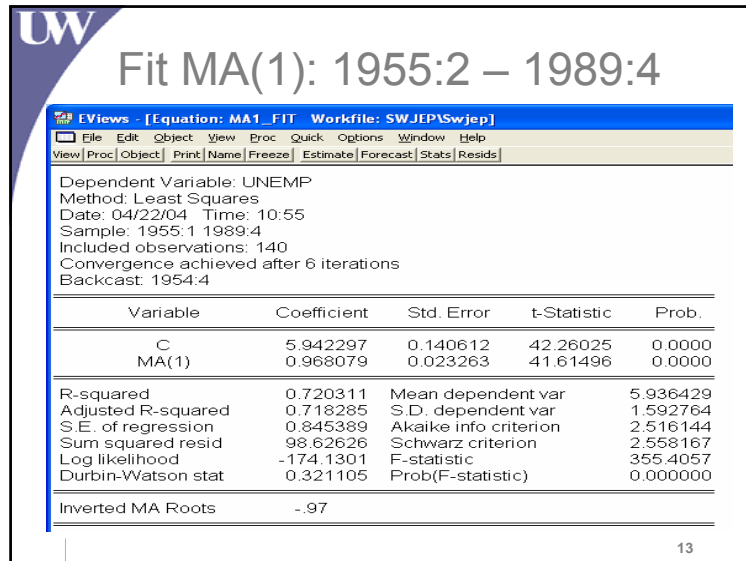
Inverted MA Roots -.94

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DM Statistics for D1

EViews - [Equation: UNTITLED Workfile: SWJEP\Swjep]
 File Edit Object View Proc Quick Options Window Help
 View Proc Object Print Name Freeze Estimate Forecast Stats Resids

Dependent Variable: D2
 Method: Least Squares
 Date: 04/10/06 Time: 14:23
 Sample: 1990Q1 2000Q4
 Included observations: 44
 Newey-West HAC Standard Errors & Covariance (lag truncation=3)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-0.364500	0.088732	-4.107855	0.0002
R-squared	0.000000	Mean dependent var	-0.364500	
Adjusted R-squared	0.000000	S.D. dependent var	0.353925	
S.E. of regression	0.353925	Akaike info criterion	0.783002	
Sum squared resid	5.386309	Schwarz criterion	0.823552	
Log likelihood	-16.22605	Durbin-Watson stat	0.827874	