ECM regression for Kansas, Menzie Chinn, June 14, 2016

Econbrowser post: http://econbrowser.com/archives/2016/06/kansas-in-technical-recession

Dependent Variable: D(LOG(GDP09KS))
Method: Least Squares
Date: 06/14/16 Time: 13:57
Sample (adjusted): 2005Q3 2010Q4
Included observations: 22 after adjustments
HAC standard errors & covariance (Bartlett kernel, Newey-West fixed bandwidth = 3.0000)

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	-7.260256	4.004644	-1.812959	0.0886
LOG(GDP09KS(-1))	-0.292634	0.165490	-1.768289	0.0961
LOG(GDP09US(-1))	0.648123	0.344826	1.879563	0.0785
D(LOG(GDP09US(-1)))	-0.093458	0.192315	-0.485964	0.6336
D(LOG(GDP09US))	1.476557	0.384047	3.844733	0.0014
PALMER_PDSI_KS	0.001552	0.001225	1.267359	0.2232

R-squared	0.640060	Mean dependent var	0.004531
Adjusted R-squared	0.527579	S.D. dependent var	0.013422
S.E. of regression	0.009226	Akaike info criterion	-6.306671
Sum squared resid	0.001362	Schwarz criterion	-6.009114
Log likelihood	75.37338	Hannan-Quinn criter.	-6.236575
F-statistic	5.690379	Durbin-Watson stat	1.865191
Prob(F-statistic)	0.003344	Wald F-statistic	9.481836
Prob(Wald F-statistic)	0.000237		

Breusch-Godfrey Serial Correlation LM Test:

F-statistic	1.619016	Prob. F(2,14)	0.2331
Obs*R-squared	4.132531	Prob. Chi-Square(2)	0.1267

Test Equation:
Dependent Variable: RESID
Method: Least Squares
Date: 06/14/16 Time: 16:33
Sample: 2005Q3 2010Q4
Included observations: 22
Presample missing value lagged residuals set to zero.

Variable	Coefficient	Std. Error	t-Statistic	Prob.
C	0.970376	4.314801	0.224895	0.8253
LOG(GDP09KS(-1))	0.081843	0.228859	0.357615	0.7260
LOG(GDP09US(-1))	-0.117053	0.406456	-0.287986	0.7776
D(LOG(GDP09US(-1)))	0.133600	0.347645	0.384300	0.7065
D(LOG(GDP09US))	0.076238	0.369778	0.206173	0.8396
PALMER_PDSI_KS	5.72E-05	0.001633	0.035045	0.9725
RESID(-1)	-0.021023	0.312956	-0.067176	0.9474
RESID(-2)	-0.499665	0.281535	-1.774785	0.0977

R-squared	0.187842	Mean dependent var	3.32E-15
Adjusted R-squared	-0.218236	S.D. dependent var	0.008053
S.E. of regression	0.008888	Akaike info criterion	-6.332913
Sum squared resid	0.001106	Schwarz criterion	-5.936171
Log likelihood	77.66205	Hannan-Quinn criter.	-6.239453
F-statistic	0.462576	Durbin-Watson stat	2.135697
Prob(F-statistic)	0.845683		