

Illustration of ODS Graphics

The VARMAX Procedure

Number of Observations	119
Number of Pairwise Missing	0
Observation(s) eliminated by differencing	13

Simple Summary Statistics							
Variable	Type	N	Mean	Standard Deviation	Min	Max	Difference
Gasoline_Gallons	Dependent	119	-1499248.487	29052550.494	-117150049.0	111151926.00	1,12
Diesel_Gallons	Dependent	119	-253161.9832	9237782.3338	-39874865.00	29931334.000	1,12

Illustration of ODS Graphics

The VARMAX Procedure

Type of Model	VAR(1)
Estimation Method	Least Squares Estimation

Model Parameter Estimates						
Equation	Parameter	Estimate	Standard Error	t Value	Pr > t	Variable
Gasoline_Gallons	AR1_1_1	-0.44028	0.09870	-4.46	0.0001	Gasoline_Gallons(t-1)
	AR1_1_2	0.14165	0.31070	0.46	0.6493	Diesel_Gallons(t-1)
Diesel_Gallons	AR1_2_1	0.04165	0.02946	1.41	0.1600	Gasoline_Gallons(t-1)
	AR1_2_2	-0.58424	0.09273	-6.30	0.0001	Diesel_Gallons(t-1)

Covariances of Innovations		
Variable	Gasoline_Gallons	Diesel_Gallons
Gasoline_Gallons	7.0261342E14	1.3027236E14
Diesel_Gallons	1.3027236E14	6.2583476E13

Log-likelihood	-3978.46
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Information Criteria	
AICC	7971.934
HQC	7978.79
AIC	7970.915
SBC	7990.31
FPEC	2.792E28

Forecasts						
Variable	Obs	Time	Forecast	Standard Error	95% Confidence Limits	
Gasoline_Gallons	133	AUG2009	381390650.01	26506856.100	329438166.71	433343133.31
	134	SEP2009	366921501.47	30735148.958	306681716.45	427161286.49
	135	OCT2009	367876919.78	36731773.779	295883966.08	439869873.48
	136	NOV2009	320363999.72	40989539.628	240025978.31	400702021.13
	137	DEC2009	343773799.14	45183621.332	255215528.64	432332069.64
	138	JAN2010	353931306.27	48881944.567	258124455.42	449738157.11
	139	FEB2010	358858977.08	52377029.178	256201886.27	461516067.88
	140	MAR2010	364517979.01	55627747.323	255489597.71	473546360.30

	141	APR2010	358665579.03	58710275.900	243595552.75	473735605.32
	142	MAY2010	380051423.90	61633265.496	259252443.28	500850404.52
	143	JUN2010	382156499.35	64426576.717	255882729.34	508430269.36
	144	JUL2010	375825088.59	67102235.331	244307124.06	507343053.12
Diesel_Gallons	133	AUG2009	74660461.484	7910971.8641	59155241.548	90165681.421
	134	SEP2009	75151820.570	8895607.9731	57716749.322	92586891.817
	135	OCT2009	75976093.683	10740735.881	54924638.189	97027549.177
	136	NOV2009	63903431.484	11830436.881	40716201.276	87090661.691
	137	DEC2009	64144764.852	13061479.072	38544736.287	89744793.418
	138	JAN2010	66374117.739	14059074.099	38818838.849	93929396.630
	139	FEB2010	65099797.653	15058341.841	35585989.978	94613605.328
	140	MAR2010	71627022.668	15956741.607	40352383.808	102901661.53
	141	APR2010	70049063.742	16828984.223	37064860.768	103033266.72
	142	MAY2010	67736161.445	17645513.584	33151590.331	102320732.56
	143	JUN2010	70754355.449	18433274.364	34625801.578	106882909.32
	144	JUL2010	74462070.503	19184368.204	36861399.756	112062741.25







































