

1 . describe

Contains data

obs: 697  
vars: 15  
size: 39,729

variable name	storage type	display format	value label	variable label
year	int	%8.0g		Year
country	str3	%9s		Country
proc	float	%9.0g		Processing trade propensity
invreuse	float	%9.0g		Scale-invariant import reuse
variance	float	%9.0g		var(invreuse) as resolution varies
covariance	float	%9.0g		cov(invreuse, resolution), was minimized
exports	float	%9.0g		Exports
imports	float	%9.0g		Imports
consumption	float	%9.0g		Consumption
maxflowreuse	float	%9.0g		Maximum possible import reuse
minflowreuse	float	%9.0g		Minimum possible import reuse
leontiefreuse	float	%9.0g		Leontief import reuse
impshare	float	%9.0g		Imports / (Exports + Consumption)
logsize	float	%9.0g		log(Exports + Consumption)
logcon	float	%9.0g		log(consumption)

Sorted by:

Note: Dataset has changed since last saved.

2 . summarize

Variable	Obs	Mean	Std. Dev.	Min	Max
year	697	2003	4.902498	1995	2011
country	0				
proc	697	.6239399	.1407401	0	.7941406
invreuse	697	.3532995	.1235725	.054074	.6461306
variance	697	6.83e-06	5.92e-06	4.09e-07	.0000355
covariance	697	-.0002115	.0023601	-.0326449	.0052387
exports	697	248157	399365.3	1908.484	3336284
imports	697	248157	435749.5	2022.777	3569754
consumption	697	1030484	2165849	3993.296	1.57e+07
maxflowreuse	697	.632227	.11441	.2443528	.9423291
minflowreuse	697	.0907152	.1116361	0	.5462412
leontiefre~e	697	.2824616	.1111774	.0529174	.6166641
impshare	697	.2747881	.1013923	.0643856	.5686104
logsize	697	12.7676	1.782457	8.725934	16.68006
logcon	697	12.43106	1.856298	8.292372	16.56917

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3 . correlate
   (country ignored because string variable)
   (obs=697)

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	year	proc	invreuse	variance	covariance	exports	imports	consum-n	maxflow-e
year	1.0000								
proc	0.0576	1.0000							
invreuse	0.1387	0.6052	1.0000						
variance	0.1540	0.0017	0.1370	1.0000					
covariance	-0.1179	0.3323	0.1680	-0.0125	1.0000				
exports	0.2533	-0.0268	-0.2975	0.0668	-0.0540	1.0000			
imports	0.2322	-0.0384	-0.2900	0.1134	-0.0288	0.9756	1.0000		
consumption	0.1408	-0.0302	-0.4132	0.0595	-0.0288	0.7945	0.8604	1.0000	
maxflowreuse	0.0299	0.3313	0.3861	0.3367	0.2657	-0.0982	0.0053	0.0329	1.0000
minflowreuse	0.1765	0.3315	0.7946	0.1442	0.0541	-0.2202	-0.2178	-0.2820	0.0968
leontiefre-e	0.1672	0.5102	0.9771	0.1419	0.1400	-0.2646	-0.2629	-0.3982	0.2883
impshare	0.1364	0.3151	0.9126	0.0587	0.0675	-0.2800	-0.2750	-0.4190	0.2215
logsize	0.2236	-0.0130	-0.5567	-0.0251	-0.0730	0.6865	0.6601	0.6383	-0.2893
logcon	0.2015	-0.0386	-0.6062	-0.0183	-0.0707	0.6765	0.6544	0.6458	-0.2642
	minflow-e	leontie-e	impshare	logsize	logcon				
minflowreuse	1.0000								
leontiefre-e	0.8724	1.0000							
impshare	0.8323	0.9503	1.0000						
logsize	-0.4038	-0.5387	-0.6489	1.0000					
logcon	-0.4708	-0.5985	-0.7053	0.9959	1.0000				

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4 . reg leontiefreuse logsize

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Source	SS	df	MS	Number of obs	697
				F(1, 695)	= 284.20
Model	2.49685054	1	2.49685054	Prob > F	= 0.0000
Residual	6.10599902	695	.00878561	R-squared	= 0.2902
				Adj R-squared	= 0.2892
Total	8.60284957	696	.012360416	Root MSE	= .09373
leontiefre-e	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
logsize	-.0336026	.0019933	-16.86	0.000	-.0375161 -.0296891
_cons	.711486	.0256955	27.69	0.000	.6610359 .7619362

5 . reg leontiefreuse impshare

Source	SS	df	MS	Number of obs	697
				F(1, 695)	= 6470.56
Model	7.76844448	1	7.76844448	Prob > F	= 0.0000
Residual	.834405088	695	.001200583	R-squared	= 0.9030
				Adj R-squared	= 0.9029
Total	8.60284957	696	.012360416	Root MSE	= .03465

  

leontiefre~e	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
impshare	1.041975	.0129535	80.44	0.000	1.016543	1.067408
_cons	-.0038609	.0037937	-1.02	0.309	-.0113094	.0035876

6 . reg leontiefreuse logsize impshare

Source	SS	df	MS	Number of obs	697
				F(2, 694)	= 3663.76
Model	7.85855531	2	3.92927765	Prob > F	= 0.0000
Residual	.744294258	694	.00107247	R-squared	= 0.9135
				Adj R-squared	= 0.9132
Total	8.60284957	696	.012360416	Root MSE	= .03275

  

leontiefre~e	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
logsize	.0083896	.0009153	9.17	0.000	.0065926	.0101866
impshare	1.137677	.0160902	70.71	0.000	1.106086	1.169268
_cons	-.1372739	.0149898	-9.16	0.000	-.1667047	-.107843

7 . reg leontiefreuse impshare proc

Source	SS	df	MS	Number of obs	697
				F(2, 694)	= 6934.65
Model	8.19288915	2	4.09644457	Prob > F	= 0.0000
Residual	.409960417	694	.000590721	R-squared	= 0.9523
				Adj R-squared	= 0.9522
Total	8.60284957	696	.012360416	Root MSE	= .0243

  

leontiefre~e	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
impshare	.9611159	.0095738	100.39	0.000	.9423187	.9799131
proc	.1848812	.0068972	26.81	0.000	.1713393	.1984231
_cons	-.0969964	.0043765	-22.16	0.000	-.1055891	-.0884036

8 . reg invreuse impshare

Source	SS	df	MS	Number of obs	697
				F(1, 695)	= 3462.44
Model	8.85134394	1	8.85134394	Prob > F	= 0.0000
Residual	1.77669005	695	.002556389	R-squared	= 0.8328
				Adj R-squared	= 0.8326
Total	10.628034	696	.015270164	Root MSE	= .05056

  

invreuse	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
impshare	1.112231	.0189018	58.84	0.000	1.07512	1.149343
_cons	.0476715	.0055358	8.61	0.000	.0368026	.0585405

9 . reg invreuse logsize

Source	SS	df	MS	Number of obs	697
				F(1, 695)	= 312.11
Model	3.29368224	1	3.29368224	Prob > F	= 0.0000
Residual	7.33435175	695	.010553024	R-squared	= 0.3099
				Adj R-squared	= 0.3089
Total	10.628034	696	.015270164	Root MSE	= .10273

  

invreuse	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
logsize	-.0385938	.0021846	-17.67	0.000	-.0428829	-.0343046
_cons	.8460494	.0281618	30.04	0.000	.7907571	.9013418

10 . reg invreuse impshare logsize

Source	SS	df	MS	Number of obs	697
				F(2, 694)	= 1756.07
Model	8.87444275	2	4.43722138	Prob > F	= 0.0000
Residual	1.75359123	694	.002526789	R-squared	= 0.8350
				Adj R-squared	= 0.8345
Total	10.628034	696	.015270164	Root MSE	= .05027

  

invreuse	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
impshare	1.160685	.0246974	47.00	0.000	1.112194	1.209175
logsize	.0042476	.0014049	3.02	0.003	.0014893	.007006
_cons	-.0198752	.0230085	-0.86	0.388	-.0650498	.0252994

11 . reg invreuse impshare proc

Source	SS	df	MS	Number of obs	697
Model	10.0423118	2	5.02115589	F(2, 694)	= 5949.38
Residual	.585722211	694	.00084398	Prob > F	= 0.0000
				R-squared	= 0.9449
				Adj R-squared	= 0.9447
Total	10.628034	696	.015270164	Root MSE	= .02905

  

invreuse	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
impshare	.9767837	.0114436	85.36	0.000	.9543155	.9992518
proc	.3096935	.0082442	37.57	0.000	.293507	.3258801
_cons	-.1083392	.0052312	-20.71	0.000	-.1186101	-.0980683

12 . save "C:\eclipsej2ee\workspace\ImportReuse\results\reuseddrivers-processing-trade.dta"  
file C:\eclipsej2ee\workspace\ImportReuse\results\reuseddrivers-processing-trade.dta saved

13 .