

```

1 EXEC
  Error: EXECUTE - no procedure has been stored yet.
2 EDIT
  This begins 1 repetitions. The first is shown.
3 Open; output=v:\youthemp\time\limdep\mle6.out $
4 Title; output file v:\..\mle6.out $
5 Reset $
6 Read; file = v:\youthemp\time\limdep\input4.wk1
  ; format = wks
  ; names = $
  Current sample : 96 observs.
  Total variables now : 20
  Missing values read : 0
7 Create; if (Industry = 1) Inda = 1; (Else) Inda = 0
  ; if (Industry = 2) Indc = 1; (Else) Indc = 0
  ; if (Industry = 3) Inde = 1; (Else) Inde = 0
  ; if (Industry = 4) Indf = 1; (Else) Indf = 0
  ; if (Industry = 6) Indh = 1; (Else) Indh = 0
  ; if (Industry = 7) Indi = 1; (Else) Indi = 0
  ; if (Industry = 8) Indp = 1; (Else) Indp = 0 $
8 Create ; dlnWk = dlnr $
9 Namelist ; Price = dlnWy, dlnWam, dlnWaf, dlnWk
  ; relPrice = dlnrWy, dlnrWam, dlnrWaf
  ; Costshar = dCy, dCam, dCaf
  ; Educate = dEdy, dEdam, dEdaf

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[illegible]

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16 Sure; LHS = Costshar
; Labels = ay, byy, byam, byaf, byq,
aam, bamam, bamaf, bamq,
aaf, bafaf, bafq
; RHS = one, relPrice, dlnQ
; Pattern =
ay, byy, byam, byaf, byq,
aam, byam, bamam, bamaf, bamq,
aaf, byaf, bamaf, bafaf, bafq
; printvc $
Results begin on page 13 in output.
Exit status for this model command is 0.0.
17 Dstat ; Rhs = relPrice, dlnQ ; output = 2 $
Results begin on page 15 in output.
Exit status for this model command is 0.0.
18 Stop $
Stop $
19 stop
~
#####
#####»
° LIMDEP Estimation Results Run log line 10
Page 1 °
° Current sample contains 96 observations.
°
#####
#####¼
#####
#####»
° Constrained MLE for Multivariate Regression Model
°
° First iter: 0 F= 865.9377 log|ä| = -26.55400 g'inv(H)g= 1.0965
°
° Last iter: 1 F= 942.6510 log|ä| = -28.15219 g'inv(H)g= 0.0000
°
° Number of observations used in estimation = 96
°
° Model: ONE DLNWX DLNWA DLNWA DLNWX DLNQ
°
° DCY AY BYY BYAM BYAF BYK BYQ
°
° DCAM AAM BAMY BAMAM BAMAF BAMK BAMQ
°
° DCAF AAF BAFY BAFAM BAFAF BAFK BAFQ
°
#####
#####¼

Variable Coefficient Standard Error z=b/s.e. P[³Z³ðz] Mean of X
#####
AY -0.8979001E-03 0.81261E-03 -1.105 0.26918
BYY 0.2976045E-02 0.18633E-02 1.597 0.11023
BYAM -0.3282884E-01 0.11781E-01 -2.787 0.00533
BYAF 0.1264658E-01 0.85474E-02 1.480 0.13898
BYK -0.1060812E-01 0.98665E-02 -1.075 0.28230
BYQ 0.2006041E-01 0.98101E-02 2.045 0.04087
AAM -0.4935076E-02 0.30415E-02 -1.623 0.10468
BAMY -0.5242645E-02 0.69743E-02 -0.752 0.45223
BAMAM 0.1777000 0.44096E-01 4.030 0.00006

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Residual covariance matrix

Covariance matrix

[illegible]

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Eiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii
iiiiiiif»
° LIMDEP Estimation Results                                Run log line    11
Page      4 °
° Current sample contains          96 observations.
```



[illegible]

	DCY	DCAM	DCAF
DCY	0.2053E-04		
DCAM	0.1025E-04	0.2799E-03	
DCAF	-0.1697E-04	-0.1306E-03	0.1814E-03

[illegible]

Variable	Mean	Std. Dev.	Skew.	Kurt.	Minimum	Maximum
Cases						
DLNWX	0.0503	0.2465	0.2	6.2	-0.6473	0.8514
DLNWAM	0.0495	0.0399	0.2	2.9	-0.0343	0.1573
DLNWAF	0.0540	0.0553	-0.2	5.5	-0.1425	0.2256
DLNWK	0.0210	0.0504	-0.1	3.7	-0.1250	0.1776
DLNQ	0.0299	0.0507	-1.3	9.0	-0.2198	0.1945

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E#####  
#####»  
° LIMDEP Estimation Results Run log line 13  
Page 8 °  
° Current sample contains 96 observations.  
°  
E#####  
#####¼
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	DLNWY	DLNWAM	DLNWAF	DLNWK	DLNQ
DLNWY	1.000				
DLNWAM	0.1127	1.000			









$\frac{1}{4}$

Variable	Descriptive Statistics					
	Mean	Std. Dev.	Skew.	Kurt.	Minimum	Maximum
Cases						
DLNRWY96	0.0084	0.2627	-0.1	5.3	-0.8170	0.8562
DLNRWAM96	0.0076	0.1040	0.4	4.0	-0.3111	0.3250
DLNRWAF96	0.0120	0.1061	0.0	3.2	-0.2943	0.3107
DLNQ96	0.0299	0.0507	-1.3	9.0	-0.2198	0.1945

[illegible]

## 0 LIMDEP Estimation Results

Run log line 17

Page 16 0

<sup>0</sup> Current sample contains 96 observations.

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$\frac{1}{4}$

## Correlation matrix

	DLNRWY	DLNRWAM	DLNRWAF	DLNQ
DLNRWY	1.000			
DLNRWAM	0.3602	1.000		
DLNRWAF	0.3357	0.8294	1.000	
DLNQ	-0.9442E-01	-0.3116	-0.2831	1.000