_____

1 . do "C:\Users\erlan\AppData\Local\Temp\STD1020_000000.tmp"

2 . cmset id set alternative
   note: case identifier **_caseid** generated from **id** and **set**.
   note: panel by alternatives identifier **_panelaltid** generated from **id** and
         alternative.

                        Panel data: Panels **id** and time **set**
                 Case ID variable: **_caseid**
             Alternatives variable: **alternative**
   Panel by alternatives variable: **_panelaltid** (strongly balanced)
                   Time variable: **set, 1** to **4**
                            Delta: **1 unit**

   Note: Data have been **xtset**.

3 . global zlist land cost labor loan

4 . global ylist choice

5 . global alternative alternative

6 . global xlist gender fex edu lsz fin

7 . generate lncost = -1*cost
   variable lncost already defined
   r(110);

   end of do-file

   r(110);

8 . global lnnormalden "lncost"

9 .
10. tabulate $ylist

choice	Freq.	Percent	Cum.
0	2,176	80.00	80.00
1	544	20.00	100.00
Total	2,720	100.00	

11.
12. summarize $id $alternative $ylist $xlist

Variable	Obs	Mean	Std. dev.	Min	Max
alternative	2,720	3	1.414474	1	5
choice	2,720	.2	.4000735	0	1
gender	2,720	.5147059	.4998756	0	1
fex	2,720	2.882353	1.071609	1	4
edu	2,720	1.441176	.8641842	0	4
lsz	2,720	2.176471	1.063503	1	4
fin	2,720	2.426471	1.246591	1	5

```
13.
14. cmclogit choice land lncost labor loan
   note: data were cmset as panel data, and the default vcetype for panel data is
         vce(cluster id); see cmclogit.

   Iteration 0:   log pseudolikelihood = -785.33359
   Iteration 1:   log pseudolikelihood = -780.47372
   Iteration 2:   log pseudolikelihood = -780.44896
   Iteration 3:   log pseudolikelihood = -780.44895

   Conditional logit choice model                Number of obs     =      2,720
   Case ID variable: _caseid                     Number of cases   =        544

   Alternatives variable: alternative            Alts per case: min =          5
                                                                avg =        5.0
                                                                max =          5

                                                 Wald chi2(4)      =      35.23
   Log pseudolikelihood = -780.44895             Prob > chi2       =     0.0000

                              (Std. err. adjusted for 136 clusters in id)
```

choice	Coefficient	Robust std. err.	z	P>|z|	[95% conf. interval]	
alternative						
land	-.3718541	.0975318	-3.81	0.000	-.5630129	-.1806953
lncost	.0005356	.0001521	3.52	0.000	.0002374	.0008337
labor	-.2544584	.123469	-2.06	0.039	-.4964532	-.0124635
loan	-.402179	.1710718	-2.35	0.019	-.7374736	-.0668845
1	(base alternative)					
2						
_cons	.2235638	.1101757	2.03	0.042	.0076234	.4395043
3						
_cons	-.2205942	.2437986	-0.90	0.366	-.6984307	.2572422
4						
_cons	-.389138	.1611443	-2.41	0.016	-.7049751	-.073301
5						
_cons	-1.167464	.3566738	-3.27	0.001	-1.866532	-.4683961