

1 . do "C:\Users\erlan\AppData\Local\Temp\STD6500 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 . generate lncost = -1\*cost
- 7 . global lnnormalden "lncost"
- 8 . tabulate \$ylist

Cum.	Percent	Freq.	choice	
79.93 100.00	79.93 20.07	1,119 281	0 1	
	100.00	1,400	Total	

9 . summarize \$id \$alternative \$ylist \$xlist

Variable	Obs	Mean	Std. dev.	Min	Max
alternative	1,400	3	1.414719	1 0	5
choice	1,400	.2007143	.4006778		1

10. 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.

note: 1 case (5 obs) dropped due to multiple positive outcomes per case.

Iteration 0: log pseudolikelihood = -413.46298 Iteration 1: log pseudolikelihood = log pseudolikelihood = -412.09357 Iteration 2: log pseudolikelihood = -412.09357 Iteration 3:

Conditional logit choice model Number of obs 1,395 Case ID variable: caseid Number of cases 279 Alts per case: min = Alternatives variable: alternative

5.0 avg = max =

Wald chi2(**4**) = Prob > chi2 = 16.10 0.0029 Log pseudolikelihood = -412.09357

(Std. err. adjusted for 70 clusters in id)

choice	Coefficient	Robust std. err.	Z	P> z	[95% conf.	interval]
alternative land lncost labor loan	3167511 .000472 1540117 436485	.1232976 .0002101 .1641559 .2210468	-2.57 2.25 -0.94 -1.97	0.010 0.025 0.348 0.048	5584099 .0000603 4757514 8697288	0750923 .0008837 .167728 0032412
1	(base alter	native)				
2 cons	.097058	.1424434	0.68	0.496	1821259	.3762419
3 _cons	5191682	.321687	-1.61	0.107	-1.149663	.1113267
4 _cons	4066519	.1989111	-2.04	0.041	7965105	0167933
5 _cons	-1.28966	. 4895683	-2.63	0.008	-2.249196	3301234

<sup>11.</sup> end of do-file

## 12. estat ic, n(1400)

Akaike's information criterion and Bayesian information criterion

Model	N	ll(null)	ll(model)	df	AIC	BIC
•	1,400	•	-412.0936	8	840.1871	882.141