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LAMPIRAN

Lampiran 1. Kusioner Penelitian



Kuesioner Penelitian

1. Nama Respondent (Opsional) :

2. Jenis Kelamin :

3. Kecamatan Alamat (Wajib) :

4. Lokasi Survey :

5. Tanggal Survey :

6. Nama Surveyor :

I. Komposisi Rumah tangga (House Hold Composition)

Beri tanda X (silang) pada jawaban yang dipilih!!!!

1 Berapa banyak jumlah anggota keluarga dalam rumah tangga anda (Termasuk anak) orang

2 Berapa Usia anda ?..... Tahun

3 Apa aktivitas sehari - hari ?

a. Bekerja

b. Bekerja (Harian / Freelance)

c. Ibu Rumah Tangga

d. Pelajar / Mahasiswa

e. Pensiunan

f. Lainnya (sebutkan).....

4 Apa Jenis Lapangan Pekerjaan Anda

a. Militer / Polisi / PNS

b. Usaha dagang / Wirausaha

c. Pegawai BUMN / Wiraswasta

d. Petani

e. Tenaga kontrak / Honorer

f. Ibu Rumah Tangga

g. Pelajar/Mahasiswa

h. Pensiunan

i. Lainnya (Sebutkan).....

5 Apakah Status perkawinan anda ?

a. Menikah

b. belum menikah (Lajang)

c. janda/duda

6 Apakah pendidikan terakhir anda?

a. sekolah dasar

b. SMP

c. SMA

e. D3

f. S1/D4

g. S2/S3



II. Perilaku Perjalanan / Transportasi

Beri tanda X (silang) pada jawaban yang dipilih!!!

1 .Apakah anda mempunyai kendaraan pribadi?

a.Ya

b.Tidak

i. Jika YA, Kendaraan jenis apa yang anda punya? (Bisa memilih lebih dari satu)

a. Mobil =

c. Sepeda =

b. Motor =

d. Lainnya (sebutkan).....

ii. Seberapa sering anda melakukan perjalanan ?

a. Setiap hari

d. Pada Hari kerja saja

b. Beberapa hari dalam seminggu

e. Pada akhir pekan atau setiap hari libur

c. Satu hari dalam seminggu

f. Lainnya (sebutkan).....

2 . Apakah anda juga menggunakan moda transportasi lainnya?

a. YA

b. TIDAK

i. Jika YA, Mohon sebutkan moda transportasi lainnya yang anda gunakan?

a. Angkutan Umum seperti angkot

b. Sepeda

c. Rental antar kota

d. Lainnya (sebutkan)

ii. Seberapa sering anda menggunakan transportasi lainnya ?

a. Setiap hari

d. Pada Hari kerja saja

b. Beberapa hari dalam seminggu

e. Pada akhir pekan atau setiap hari libur

c. Satu hari dalam seminggu

f. Lainnya (sebutkan).....



III. PENDAPATAN RUMAH TANGGA

Beri tanda X (silang) pada jawaban yang dipilih!!!

1 Berapa hari anda bekerja/sekolah/kuliah dalam seminggu ?

1x	2x	3x	4x	5x	6x	7x
☐	☐	☐	☐	☐	☐	☐

2 Jumlah pendapatan/uang saku per bulan anda ?

- | | |
|------------------------------------|--------------------------------------|
| a. Kurang dari Rp. 750.000,- | e. Rp.5.000.001,- - Rp.7.50000.000,- |
| b. Rp.750.001,- - Rp.1.500.000,- | f. Rp. 7.500.001,- - Rp.10.000.000,- |
| c. Rp.1.500.001,- - Rp.3.000.000,- | g. Lebih dari Rp.10.000.000,- |
| d. Rp.3.000.001,- - Rp.5.000.000,- | |

3 Berapa pengeluaran anda untuk biaya transportasi per bulan (termasuk bahan bakar dan biaya parkir)?

- | | |
|----------------------------------|-----------------------------------|
| a. Rp.500.000,- atau kurang dari | d. Rp.1.000.001,- - Rp. 2.500.000 |
| b. Rp.500.001,- - Rp.750.000,- | e. Lebih dari Rp.2.500.000,- |
| c. Rp.750.001,- - Rp.1.000.000,- | |



**Model Pemilihan Moda Transportasi bagi Komuter Perjalanan Antar Kota/Kab
Rute Barru-Makassar terhadap Rencana Operasi Kereta Api Jalur Maros-Barru**

Lembar - 4

Jl. Poros Malino km. 6 Bontomarannu, 92172, Kab. Gowa, Sulawesi Selatan, <http://civil.unhas.ac.id> Email: civil@eng.unhas.ac.id

Kusioner Komuter (Pulang-Pergi) Perjalanan Barru-Makassar

1. Seberapa sering Anda melakukan perjalanan dalam sebulan ?
Tidak Pernah ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ Hampir tiap hari ☐
2. Apa maksud Anda melakukan perjalanan ini?
☐ Bekerja/Sekolah/kampus ☐ Berkunjung keluarga, saudara, teman
☐ Rekreasi ☐ Belanja
☐ Lainnya, Sebutkan _____
3. Dengan siapa anda melakukan perjalanan ini?
☐ Suami/Istri ☐ Teman kerja/Kolega
☐ Teman ☐ Keluarga
☐ Saudara ☐ Lainnya, Sebutkan _____

Beri tanda (✓) pada salah satu Moda Transportasi yang anda pilih pada tabel dibawah ini pada saat melakukan perjalanan!!!!

Jenis Moda Transporatsi	Biaya Perjalanan (Rupiah)	Waktu Perjalanan	Frekuensi Perjalanan (kali/hari)	Biaya Transfer (Rupiah)	Waktu Tempuh Ke Stasiun Dengan Kendaraan Pribadi/Umum (Menit)	Silahkan Dijawab Pada Kolom Ini
Mobil	97.000	2 Jam 46 Menit	Setiap Saat	0	0	
Motor	25.000	2 Jam 50 Menit	Setiap Saat	0	0	
Angkutan Daerah	70.000	2 Jam 30 Menit	Setiap Saat	0	0	
Kereta Api	14.000	2 jam 25 Menit	2	10.000	10	



Model Pemilihan Moda Transportasi bagi Komuter Perjalanan Antar Kota/Kab Rute Barru-Makassar terhadap Rencana Operasi Kereta Api Jalur Maros-Barru

Lembar - 5

Jl. Poros Malino km. 6 Bontomarannu, 92172, Kab. Gowa, Sulawesi Selatan, <http://civil.unhas.ac.id> Email: civil@eng.unhas.ac.id

I. Berikan tanda (✓) pada pilihan yang anda pilih pada tabel dibawah ini berdasarkan pendapat anda terhadap variabel preferensi dibawah ini !!!!

No	Variabel Preferensi	Mobil				Motor				Angkutan Umum				Kereta Api			
		Sangat Nyaman	Nyaman	Kurang Nyaman	Tidak Nyaman	Sangat Nyaman	Nyaman	Kurang Nyaman	Tidak Nyaman	Sangat Nyaman	Nyaman	Kurang Nyaman	Tidak Nyaman	Sangat Nyaman	Nyaman	Kurang Nyaman	Tidak Nyaman
1	Preferensi Terhadap Kenyaman Moda Transportasi																
2	Preferensi Terhadap Keamanan Moda Transportasi																
3	Preferensi Terhadap Biaya Perjalanan																
4	Preferensi Terhadap Waktu Perjalanan Lebih Singkat																
5	Preferensi Terhadap Resiko Kecelakaan Lalu Lintas																
6	Preferensi Terhadap Hambatan Perjalanan Transportasi																
7	Preferensi Terhadap penghasil Emisi atau polusi udara																

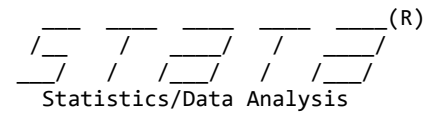
II. Silahkan memberikan tanda (✓) pada pilihan anda pada tabel disamping berdasarkan pendapat anda terhadap penyediaan fasilitas di stasiun

No	Fasilitas	Sangat Setuju	Setuju	Tidak Setuju	Sangat Tidak Setuju
1	Food Court (Warung/Kantin)				
2	Minimarket				
3	Toilet				
4	Bus				
5	Ruang Tunggu				
6	Lahan Parkiran				
7	Akses Menuju Stasiun				
8	Jalur Distabilitas				
9	Ruang Ibu Menyusui				
10	Musholla				
11	Fasilitas				

LAMPIRAN 2. Hasil Running Data Menggunakan Aplikasi STATA16

Hasil Running Stata Tabel 5

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Thursday June 15 21:51:18 2023 Page 1



User: TESIS FADLY
Project: CM LAKI-LAKI

```
1 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\00 CM LAKI-LAKI.dta", replace
   file D:\04 TESIS FADLY\HASIL CMLOGIT\00 CM LAKI-LAKI.dta saved

2 . cmset idcase pilihan1234

    caseid variable:  idcase
    alternatives variable:  pilihan1234

3 . cmllogit choice altbiayaperjalanan altwaktutempuh , casevars(usiax2 pendapatanx10 pengeluarantransportasix11 fr
   > basealternative(3)
```

```
Iteration 0:  log likelihood = -148.60991
Iteration 1:  log likelihood = -136.07866
Iteration 2:  log likelihood = -133.10839
Iteration 3:  log likelihood = -132.90757
Iteration 4:  log likelihood = -132.90443
Iteration 5:  log likelihood = -132.90442
```

```
Conditional logit choice model      Number of obs      =      768
Case ID variable: idcase            Number of cases     =      192
```

```
Alternatives variable: pilihan1234  Alts per case: min =      4
                                      avg  =      4.0
                                      max  =      4
```

```
Wald chi2(17) =      68.38
Log likelihood = -132.90442          Prob > chi2       =      0.0000
```

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altbiayaperjalanan	-.0088222	.0013693	-6.44	0.000	-.0115059	-.0061385
altwaktutempuh	-.2286122	.0406913	-5.62	0.000	-.3083658	-.1488586
MOTOR						
usiax2	-.9198118	.5224635	-1.76	0.078	-1.943821	.1041977
pendapatanx10	-.9413764	.5438212	-1.73	0.083	-2.007246	.1244935
pengeluarantransportasix11	2.508547	1.20602	2.08	0.038	.1447909	4.872303
frekuensiperjalananpangkepماكassar	-.6953224	.6003468	-1.16	0.247	-1.87198	.4813356
tujuanperjalanan	-1.254844	.6574899	-1.91	0.056	-2.5435	.0338126
_cons	10.41199	3.037965	3.43	0.001	4.457691	16.36629
MOBIL						
usiax2	-.8700573	.5002957	-1.74	0.082	-1.850619	.1105043
pendapatanx10	.6374035	.4993277	1.28	0.202	-.3412607	1.616068
pengeluarantransportasix11	2.404673	1.152883	2.09	0.037	.145063	4.664283
frekuensiperjalananpangkepماكassar	-.587332	.5686654	-1.03	0.302	-1.701896	.5272318
tujuanperjalanan	-1.328869	.6437267	-2.06	0.039	-2.59055	-.0671874
_cons	6.291005	2.901568	2.17	0.030	.604037	11.97797
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
usiax2	-.8523594	.4802809	-1.77	0.076	-1.793693	.088974
pendapatanx10	.0115033	.4734828	0.02	0.981	-.9165058	.9395125
pengeluarantransportasix11	2.145878	1.142071	1.88	0.060	-.0925406	4.384296
frekuensiperjalananpangkepماكassar	-.7543681	.5496945	-1.37	0.170	-1.831749	.3230133
tujuanperjalanan	-1.163543	.624086	-1.86	0.062	-2.386729	.0596431
_cons	5.122423	2.822155	1.82	0.070	-.4088979	10.65374

4 . margin

Predictive margins Number of obs = 768
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome						
MOTOR	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOBIL	.3072917	.0248676	12.36	0.000	.258552	.3560313
ANGKUTAN UMUM	.03125	.0117753	2.65	0.008	.0081708	.0543292
KERETA API	.5520833	.0293398	18.82	0.000	.4945783	.6095884

5 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+60)) alterna

Predictive margins Number of obs = 768
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()
 Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
 2._at : altwaktute~h = altwaktutempuh+60

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	1.91e-07	4.62e-07	0.41	0.679	-7.15e-07	1.10e-06
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.3326229	.0275715	12.06	0.000	.2785838	.386662
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0374758	.0139399	2.69	0.007	.0101541	.0647974
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.6299012	.0291927	21.58	0.000	.5726845	.6871178

6 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-60)) alterna

Predictive margins Number of obs = 768
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()
 Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
 2._at : altwaktute~h = altwaktutempuh-60

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.9996755	.0007315	1366.61	0.000	.9982418	1.001109
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.0002921	.0006701	0.44	0.663	-.0010214	.0016055
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	1.56e-06	3.97e-06	0.39	0.695	-6.23e-06	9.34e-06
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.0000309	.0000713	0.43	0.665	-.0001088	.0001705

7 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+60)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+60

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.1626357	.0312684	5.20	0.000	.1013507	.2239207
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.0000148	.0000293	0.51	0.613	-.0000426	.0000722
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0476063	.0176287	2.70	0.007	.0130547	.082158
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.7897431	.0343685	22.98	0.000	.722382	.8571042

8 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-60)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-60

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	1.85e-06	4.34e-06	0.43	0.670	-6.65e-06	.0000104
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.9999875	.0000283	3.5e+04	0.000	.999932	1.000043
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	3.48e-07	8.53e-07	0.41	0.684	-1.32e-06	2.02e-06
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.0000103	.0000232	0.44	0.658	-.0000352	.0000558

9 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.0054764	.0034197	1.60	0.109	-.0012262	.0121789
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.3313882	.0274133	12.09	0.000	.277659	.3851174
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0371235	.0138041	2.69	0.007	.0100678	.0641791
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.626012	.0290203	21.57	0.000	.5691332	.6828907

10 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.5694611	.1002724	5.68	0.000	.3729307	.7659914
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.1859415	.0360588	5.16	0.000	.1152675	.2566156
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0122436	.0071343	1.72	0.086	-.0017394	.0262266
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.2323538	.0661857	3.51	0.000	.1026323	.3620753

11 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.1470997	.0275196	5.35	0.000	.0931623	.2010372
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.0765298	.0147332	5.19	0.000	.0476533	.1054063
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0442742	.0162473	2.73	0.006	.0124302	.0761183
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.7320962	.0304023	24.08	0.000	.6725088	.7916837

12 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.0299644	.0138786	2.16	0.031	.0027628	.057166
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.8068498	.0651062	12.39	0.000	.679244	.9344556
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0066709	.0043612	1.53	0.126	-.001877	.0152187
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.156515	.0509154	3.07	0.002	.0567226	.2563073

13 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.1138396	.0205259	5.55	0.000	.0736095	.1540696
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.3144743	.0254843	12.34	0.000	.264526	.3644225
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0011967	.0008803	1.36	0.174	-.0005286	.0029221
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.5704895	.0292967	19.47	0.000	.513069	.6279099

14 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.0757881	.022215	3.41	0.001	.0322475	.1193288
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.250802	.0332705	7.54	0.000	.1855929	.316011
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.2710938	.0968818	2.80	0.005	.0812089	.4609787
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.4023161	.0618644	6.50	0.000	.281064	.5235681

15 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.2759641	.0416807	6.62	0.000	.1942714	.3576568
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.5673581	.0428341	13.25	0.000	.4834048	.6513114
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.080467	.0273647	2.94	0.003	.0268331	.1341009
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.0762109	.0348287	2.19	0.029	.0079478	.1444739

16 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 768

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

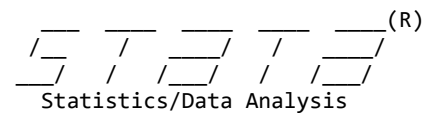
	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.109375	.0199537	5.48	0.000	.0702665	.1484835
MOTOR#2	.0084888	.004968	1.71	0.088	-.0012483	.018226
MOBIL#1	.3072917	.0248676	12.36	0.000	.258552	.3560313
MOBIL#2	.0890037	.0147075	6.05	0.000	.0601776	.1178298
ANGKUTAN UMUM#1	.03125	.0117753	2.65	0.008	.0081708	.0543292
ANGKUTAN UMUM#2	.0023545	.0015923	1.48	0.139	-.0007663	.0054754
KERETA API#1	.5520833	.0293398	18.82	0.000	.4945783	.6095884
KERETA API#2	.900153	.0190158	47.34	0.000	.8628828	.9374231

17 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\00 CM LAKI-LAKI.dta", replace
file D:\04 TESIS FADLY\HASIL CMLOGIT\00 CM LAKI-LAKI.dta saved

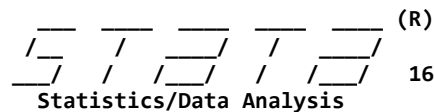
18 .

Hasil Running Stata Tabel 6

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Thursday June 15 23:04:33 2023 Page 1



User: TESIS FADLY
Project: CM PEREMPUAN



MP - Parallel Edition

16.0

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Notes:

1. Unicode is supported; see [help unicode advice](#).
2. More than 2 billion observations are allowed; see [help obs advice](#).
3. Maximum number of variables is set to 5000; see [help set maxvar](#).

```
1 . use "D:\04 TESIS FADLY\HASIL CMLOGIT\01 CM PEREMPUAN.dta"

2 . drop pilihanmoda pilihan1234 choice altkenyamanan altwaktutempuh altbiayaperjalanan altkeamanan altresikokecelaan
   > endapatanx10 pengeluarantransportasix11 frekuensiperjalananpangkepماكassar tujuanperjalanan temanperjalanan

3 . *(29 variables, 832 observations pasted into data editor)

4 . recast int idcase genderx1 lakilakix11 perempuanx12 usiax2 usiadibawah40tahunx21 usiadiatas40tahunx22 statusx3
   > ahmobilx6 jumlahmotorx7 jumlahsepedax8 pekerjaanx9 pendapatanx10 pengeluarantransportasix11 frekuensiperjalanan
   > lihanmoda pilihan1234 choice altkenyamanan altwaktutempuh altbiayaperjalanan altkeamanan altresikokecelakaanlala

5 . label define MODA 1 "MOTOR" 2 "MOBIL" 3 "ANGKUTAN UMUM" 4 "KERETA API"

6 . label values pilihanmoda pilihan1234 MODA

7 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\01 CM PEREMPUAN.dta", replace
   file D:\04 TESIS FADLY\HASIL CMLOGIT\01 CM PEREMPUAN.dta saved

8 . cmset idcase pilihan1234

           caseid variable:  idcase
    alternatives variable:  pilihan1234

9 . cmllogit choice altbiayaperjalanan altwaktutempuh , casevars(genderx1 jumlahmobilx6 jumlahmotorx7 jumlahsepedax8
   > six11 frekuensiperjalananpangkepماكassar tujuanperjalanan) basealternative(3)
note: genderx1 omitted because of collinearity
```

```
Iteration 0:  log likelihood = -202.02572
Iteration 1:  log likelihood = -174.9097
Iteration 2:  log likelihood = -167.53286
Iteration 3:  log likelihood = -167.04322
Iteration 4:  log likelihood = -166.96043
Iteration 5:  log likelihood = -166.93996
Iteration 6:  log likelihood = -166.93576
Iteration 7:  log likelihood = -166.93477
Iteration 8:  log likelihood = -166.93453
Iteration 9:  log likelihood = -166.93448
Iteration 10: log likelihood = -166.93447
```

Conditional logit choice model
Case ID variable: idcase

Number of obs = 832
Number of cases = 208

Alternatives variable: pilihan1234

Alts per case: min = 4
 avg = 4.0
 max = 4

Log likelihood = -166.93447

Wald chi2(26) = 90.28
 Prob > chi2 = 0.0000

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altbiayaperjalanan	-.0052096	.0011239	-4.64	0.000	-.0074124	-.0030068
altwaktutempuh	-.2034705	.0371171	-5.48	0.000	-.2762187	-.1307224
MOTOR						
genderx1	0 (omitted)					
jumlahmobilx6	-10.63883	962.2523	-0.01	0.991	-1896.619	1875.341
jumlahmotorx7	.0675112	.5263352	0.13	0.898	-.9640868	1.099109
jumlahsepedax8	-2.75339	2328.432	-0.00	0.999	-4566.395	4560.889
pekerjaanx9	-.9933559	.3177212	-3.13	0.002	-1.616078	-.3706339
pendapatanx10	-.684232	.362802	-1.89	0.059	-1.395311	.0268468
pengeluarantransportasix11	-.6045486	.6499358	-0.93	0.352	-1.878399	.6693022
frekuensiperjalananpangkepماكassar	1.691162	.4631194	3.65	0.000	.7834652	2.59886
tujuanperjalanan	-1.855111	.4468345	-4.15	0.000	-2.73089	-.9793311
_cons	10.48979	2.365361	4.43	0.000	5.853763	15.12581
MOBIL						
genderx1	0 (omitted)					
jumlahmobilx6	5.97857	1.40678	4.25	0.000	3.221331	8.735809
jumlahmotorx7	.7090073	.476377	1.49	0.137	-.2246744	1.642689
jumlahsepedax8	12.16543	1083.944	0.01	0.991	-2112.327	2136.657
pekerjaanx9	-.5829588	.2435294	-2.39	0.017	-1.060268	-.1056499
pendapatanx10	-.4919676	.265482	-1.85	0.064	-1.012303	.0283676
pengeluarantransportasix11	-.4161775	.4463567	-0.93	0.351	-1.29102	.4586656
frekuensiperjalananpangkepماكassar	1.01855	.4328429	2.35	0.019	.1701936	1.866906
tujuanperjalanan	-1.564996	.4243854	-3.69	0.000	-2.396776	-.7332155
_cons	7.436124	2.042475	3.64	0.000	3.432947	11.4393
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
genderx1	0 (omitted)					
jumlahmobilx6	4.811895	1.365102	3.52	0.000	2.136344	7.487446
jumlahmotorx7	.3625309	.4287103	0.85	0.398	-.4777258	1.202788
jumlahsepedax8	11.80279	1083.945	0.01	0.991	-2112.689	2136.295
pekerjaanx9	-.4220644	.204452	-2.06	0.039	-.8227829	-.0213459
pendapatanx10	-.7827438	.2442318	-3.20	0.001	-1.261429	-.3040582
pengeluarantransportasix11	-.3325514	.4092893	-0.81	0.416	-1.134744	.4696409
frekuensiperjalananpangkepماكassar	.7131152	.4458298	1.60	0.110	-.1606951	1.586926
tujuanperjalanan	-1.483462	.3974404	-3.73	0.000	-2.26243	-.7044927
_cons	6.684313	1.854183	3.60	0.000	3.050181	10.31845

```
10 . cmclogit choice altbiayaperjalanan altwaktutempuh , casevars( usiax2 jumlahmobilx6 jumlahmotorx7 jumlahsepedax8
> ix11 frekuensiperjalananpangkepmakass tujuanperjalanan) basealternative(3)
```

```
Iteration 0: log likelihood = -201.0884
Iteration 1: log likelihood = -174.35191
Iteration 2: log likelihood = -166.07808
Iteration 3: log likelihood = -165.54621
Iteration 4: log likelihood = -165.4633
Iteration 5: log likelihood = -165.44163
Iteration 6: log likelihood = -165.43725
Iteration 7: log likelihood = -165.43625
Iteration 8: log likelihood = -165.436
Iteration 9: log likelihood = -165.43595
Iteration 10: log likelihood = -165.43594
```

```
Conditional logit choice model      Number of obs      =      832
Case ID variable: idcase           Number of cases     =      208
```

```
Alternatives variable: pilihan1234  Alts per case: min =      4
                                     avg =      4.0
                                     max =      4
```

```
Log likelihood = -165.43594          Wald chi2(29)      =      90.32
                                     Prob > chi2        =      0.0000
```

	choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234							
	altbiayaperjalanan	-.0052784	.001137	-4.64	0.000	-.0075068	-.00305
	altwaktutempuh	-.1981712	.0373074	-5.31	0.000	-.2712924	-.12505
MOTOR							
	usiax2	.0449287	.3589094	0.13	0.900	-.6585207	.7483781
	jumlahmobilx6	-10.33531	859.839	-0.01	0.990	-1695.589	1674.918
	jumlahmotorx7	.0931042	.5385797	0.17	0.863	-.9624926	1.148701
	jumlahsepedax8	-2.757313	2052.196	-0.00	0.999	-4024.988	4019.474
	pekerjaanx9	-.9942363	.319535	-3.11	0.002	-1.620513	-.3679593
	pendapatanx10	-.7006663	.3623258	-1.93	0.053	-1.410812	.0094792
	pengeluarantransportasix11	-.5981962	.6671795	-0.90	0.370	-1.905844	.7094515
	frekuensiperjalananpangkepmakass	1.690783	.4677238	3.61	0.000	.7740615	2.607505
	tujuanperjalanan	-1.855705	.4489136	-4.13	0.000	-2.73556	-.9758509
	_cons	10.41056	2.483021	4.19	0.000	5.543927	15.27719
MOBIL							
	usiax2	-.2301171	.2820641	-0.82	0.415	-.7829525	.3227183
	jumlahmobilx6	6.106361	1.420831	4.30	0.000	3.321583	8.891139
	jumlahmotorx7	.7208926	.4843348	1.49	0.137	-.2283861	1.670171
	jumlahsepedax8	11.82743	935.0987	0.01	0.990	-1820.932	1844.587
	pekerjaanx9	-.6151973	.2529354	-2.43	0.015	-1.110942	-.119453
	pendapatanx10	-.5376474	.2730465	-1.97	0.049	-1.072809	-.0024861
	pengeluarantransportasix11	-.3758714	.4513214	-0.83	0.405	-1.260445	.5087024
	frekuensiperjalananpangkepmakass	1.024964	.4395969	2.33	0.020	.16337	1.886558
	tujuanperjalanan	-1.550627	.4262852	-3.64	0.000	-2.386131	-.7151236
	_cons	7.994108	2.151712	3.72	0.000	3.77683	12.21139
ANGKUTAN_UMUM		(base alternative)					
KERETA_API							
	usiax2	.1509425	.2378445	0.63	0.526	-.3152242	.6171093
	jumlahmobilx6	4.842982	1.377841	3.51	0.000	2.142465	7.5435
	jumlahmotorx7	.3858408	.431476	0.89	0.371	-.4598365	1.231518
	jumlahsepedax8	11.57583	935.0988	0.01	0.990	-1821.184	1844.336

pekerjaanx9	-.4367564	.2055667	-2.12	0.034	-.8396597	-.0338532
pendapatanx10	-.7900036	.2446321	-3.23	0.001	-1.269474	-.3105335
pengeluarantransportasix11	-.3650013	.4148496	-0.88	0.379	-1.178092	.448089
frekuensi perjalanan pangkep makass	.7581928	.4517327	1.68	0.093	-.1271871	1.643573
tujuan perjalanan	-1.491231	.3959215	-3.77	0.000	-2.267223	-.7152391
_cons	6.413663	1.90496	3.37	0.001	2.68001	10.14732

11 . margin

Predictive margins
Model VCE : OIM

Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome						
MOTOR	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOBIL	.2788483	.0242278	11.51	0.000	.2313626	.326334
ANGKUTAN UMUM	.1394242	.0201227	6.93	0.000	.0999845	.178864
KERETA API	.485576	.0286473	16.95	0.000	.4294283	.5417238

12 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0084173	.004779	1.76	0.078	-.0009494	.017784
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.309012	.0267268	11.56	0.000	.2566284	.3613956
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1484645	.0213716	6.95	0.000	.106577	.1903519
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.5341063	.0297952	17.93	0.000	.4757087	.5925038

13 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.427526	.0870157	4.91	0.000	.2569784	.5980736
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.1995347	.0222253	8.98	0.000	.1559739	.2430956
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.0860725	.0231854	3.71	0.000	.04063	.131515
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.2868668	.0576176	4.98	0.000	.1739384	.3997952

14 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.1260896	.0211597	5.96	0.000	.0846173	.167562
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.0608601	.018355	3.32	0.001	.024885	.0968352
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1754435	.0245651	7.14	0.000	.1272967	.2235903
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.6376068	.0321573	19.83	0.000	.5745796	.7006339

15 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0261269	.0117184	2.23	0.026	.0031592	.0490946
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.7309846	.0772505	9.46	0.000	.5795764	.8823928
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.0533197	.0194619	2.74	0.006	.0151749	.0914644
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.1895688	.0529123	3.58	0.000	.0858626	.2932751

16 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.107206	.0374639	2.86	0.004	.0337782	.1806338
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.3138541	.0271667	11.55	0.000	.2606083	.3670999
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.0150507	.0082556	1.82	0.068	-.00113	.0312314
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.5638892	.0294436	19.15	0.000	.5061807	.6215977

17 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0597935	.0158761	3.77	0.000	.028677	.0909101
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.188607	.0287971	6.55	0.000	.1321657	.2450483
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.5113277	.0891108	5.74	0.000	.3366738	.6859816
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.2402718	.059649	4.03	0.000	.1233618	.3571817

18 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.1845561	.0345378	5.34	0.000	.1168632	.2522491
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.4491162	.0385657	11.65	0.000	.3735287	.5247036
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.2797628	.04048	6.91	0.000	.2004235	.3591022
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.0865649	.0370713	2.34	0.020	.0139064	.1592234

19 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0170341	.0083228	2.05	0.041	.0007217	.0333464
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.0787501	.0219842	3.58	0.000	.0356619	.1218383
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.0272969	.0119076	2.29	0.022	.0039584	.0506353
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.876919	.0372669	23.53	0.000	.8038771	.9499608

20 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan+

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan+100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0663579	.0501541	1.32	0.186	-.0319423	.1646581
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2883255	.0249932	11.54	0.000	.2393397	.3373112
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1428496	.0205354	6.96	0.000	.1026009	.1830983
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.502467	.0287763	17.46	0.000	.4460665	.5588676

21 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan-

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan-100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.1350869	.0245979	5.49	0.000	.0868758	.1832979
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2672504	.0235465	11.35	0.000	.2211001	.3134006
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1345081	.0197143	6.82	0.000	.0958688	.1731473
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.4631547	.0295087	15.70	0.000	.4053186	.5209907

22 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan+

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan+100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.1056616	.0187825	5.63	0.000	.0688486	.1424747
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2194375	.0228053	9.62	0.000	.17474	.2641351
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1501715	.0211629	7.10	0.000	.108693	.19165
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.5247293	.0296809	17.68	0.000	.4665557	.5829029

23 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan-

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan-100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0846383	.0552314	1.53	0.125	-.0236132	.1928898
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.3480777	.0311493	11.17	0.000	.2870261	.4091293
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1265529	.0192743	6.57	0.000	.088776	.1643298
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.4407311	.0296326	14.87	0.000	.3826523	.4988098

24 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan+

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan+100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0997844	.0205288	4.86	0.000	.0595487	.14002
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2895677	.0250646	11.55	0.000	.2404421	.3386933
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.0998035	.0175364	5.69	0.000	.0654329	.1341742
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.5108444	.0287419	17.77	0.000	.4545114	.5671774

25 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan-

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan-100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0915588	.0170596	5.37	0.000	.0581225	.1249951
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2659543	.0235703	11.28	0.000	.2197574	.3121512
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1887887	.0272952	6.92	0.000	.1352912	.2422863
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.4536982	.0302843	14.98	0.000	.3943421	.5130542

26 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan+

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan+100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.1157895	.0211178	5.48	0.000	.0743993	.1571796
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.3199632	.02732	11.71	0.000	.2664169	.3735094
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1684683	.0240505	7.00	0.000	.1213303	.2156063
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.395779	.0328993	12.03	0.000	.3312976	.4602605

27 . margins, at(altbiayaperjalanan=generate(altbiayaperjalanan)) at(altbiayaperjalanan=generate(altbiayaperjalanan-

Predictive margins
Model VCE : OIM
Number of obs = 832

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan-100

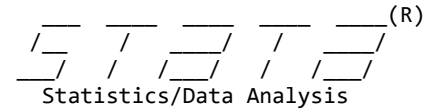
	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.0961514	.0183488	5.24	0.000	.0601884	.1321145
MOTOR#2	.0770705	.0241104	3.20	0.001	.0298149	.124326
MOBIL#1	.2788483	.0242278	11.51	0.000	.2313626	.326334
MOBIL#2	.2366021	.0231826	10.21	0.000	.1911651	.2820392
ANGKUTAN UMUM#1	.1394242	.0201227	6.93	0.000	.0999845	.178864
ANGKUTAN UMUM#2	.1118647	.0180538	6.20	0.000	.0764799	.1472494
KERETA API#1	.485576	.0286473	16.95	0.000	.4294283	.5417238
KERETA API#2	.5744627	.0320454	17.93	0.000	.511655	.6372705

28 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\01 CM PEREMPUAN.dta", replace
file D:\04 TESIS FADLY\HASIL CMLOGIT\01 CM PEREMPUAN.dta saved

29 .

Hasil Running Stata Tabel 7

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Thursday June 15 22:35:15 2023 Page 1



User: TESIS FADLY
Project: CM USIA DIBAWAH 40 TAHUN

1 . cmset idcase pilihan1234

caseid variable: **idcase**
alternatives variable: **pilihan1234**

2 . cmclogit choice altbiayaperjalanan altwaktutempuh , casevars(genderx1 jumlahmobilx6 jumlahmotorx7 jumlahsepedax7
> six11 frekuensiperjalananpangkepamakass tujuanperjalanan) basealternative(3)

Iteration 0: log likelihood = **-225.24188**
Iteration 1: log likelihood = **-189.48995**
Iteration 2: log likelihood = **-177.31115**
Iteration 3: log likelihood = **-174.2358**
Iteration 4: log likelihood = **-174.03494**
Iteration 5: log likelihood = **-174.01673**
Iteration 6: log likelihood = **-174.01378**
Iteration 7: log likelihood = **-174.01307**
Iteration 8: log likelihood = **-174.01292**
Iteration 9: log likelihood = **-174.01288**
Iteration 10: log likelihood = **-174.01288**

Conditional logit choice model
Case ID variable: idcase
Number of obs = **1,008**
Number of cases = **252**
Alternatives variable: pilihan1234
Alts per case: min = **4**
avg = **4.0**
max = **4**
Wald chi2(29) = **98.33**
Log likelihood = **-174.01288**
Prob > chi2 = **0.0000**

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altbiayaperjalanan	-.0085794	.0011594	-7.40	0.000	-.0108518	-.0063069
altwaktutempuh	-.217142	.0354598	-6.12	0.000	-.286642	-.1476421
MOTOR						
genderx1	-5.545114	1.512078	-3.67	0.000	-8.508732	-2.581496
jumlahmobilx6	4.40101	1.800295	2.44	0.015	.8724966	7.929524
jumlahmotorx7	.4273422	.6869656	0.62	0.534	-.9190857	1.77377
jumlahsepedax8	-1.808417	1442.631	-0.00	0.999	-2829.313	2825.696
pekerjaanx9	-.1248285	.4187798	-0.30	0.766	-.9456217	.6959648
pendapatanx10	-1.03481	.3832293	-2.70	0.007	-1.785926	-.2836947
pengeluarantransportasix11	-1.774015	.8764837	-2.02	0.043	-3.491892	-.0561388
frekuensiperjalananpangkepamakass	1.690424	.523781	3.23	0.001	.663832	2.717016
tujuanperjalanan	-2.86622	.6938214	-4.13	0.000	-4.226085	-1.506355
_cons	24.43336	5.047941	4.84	0.000	14.53958	34.32714
MOBIL						
genderx1	-4.553062	1.464427	-3.11	0.002	-7.423286	-1.682838
jumlahmobilx6	7.142483	1.476857	4.84	0.000	4.247897	10.03707
jumlahmotorx7	.9006864	.6512241	1.38	0.167	-.3756895	2.177062
jumlahsepedax8	13.46731	902.4337	0.01	0.988	-1755.27	1782.205
pekerjaanx9	-.1986559	.397274	-0.50	0.617	-.9772986	.5799868
pendapatanx10	-.1736565	.2939545	-0.59	0.555	-.7497966	.4024837
pengeluarantransportasix11	-1.188217	.6252065	-1.90	0.057	-2.413599	.0371651
frekuensiperjalananpangkepamakass	1.299455	.5153274	2.52	0.012	.2894314	2.309478
tujuanperjalanan	-3.163786	.6935039	-4.56	0.000	-4.523029	-1.804544
_cons	20.73548	4.857093	4.27	0.000	11.21575	30.2552
ANGKUTAN_UMUM	(base alternative)					

KERETA_API							
	genderx1	-4.911208	1.462241	-3.36	0.001	-7.777148	-2.045268
	jumlahmobilx6	5.564292	1.447409	3.84	0.000	2.727423	8.40116
	jumlahmotorx7	.3374538	.6316133	0.53	0.593	-.9004855	1.575393
	jumlahsepedax8	13.06415	902.4337	0.01	0.988	-1755.673	1781.802
	pekerjaanx9	-.048063	.3814841	-0.13	0.900	-.7957581	.6996321
	pendapatanx10	-.6945511	.2991123	-2.32	0.020	-1.2808	-.1083018
	pengeluarantransportasix11	-.7846435	.603675	-1.30	0.194	-1.967825	.3985377
	frekuensi perjalanan pangkep makass	1.228494	.5128406	2.40	0.017	.2233452	2.233644
	tujuan perjalanan	-2.848127	.6762626	-4.21	0.000	-4.173577	-1.522677
	_cons	18.86013	4.717666	4.00	0.000	9.613677	28.10659

3 . margin

Predictive margins
Model VCE : OIM

Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome						
MOTOR	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOBIL	.3055556	.021468	14.23	0.000	.2634791	.347632
ANGKUTAN UMUM	.0753946	.0128531	5.87	0.000	.0502029	.1005863
KERETA API	.5079325	.0247909	20.49	0.000	.4593433	.5565218

4 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+60)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()

Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh

2._at : altwaktute~h = altwaktutempuh+60

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	4.26e-07	9.19e-07	0.46	0.643	-1.38e-06	2.23e-06
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.335557	.0240173	13.97	0.000	.288484	.38263
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0816991	.0138445	5.90	0.000	.0545644	.1088339
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.5827434	.024979	23.33	0.000	.5337855	.6317013

5 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0070947	.0040205	1.76	0.078	-.0007852	.0149747
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.3336461	.0238172	14.01	0.000	.2869652	.380327
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0813388	.013766	5.91	0.000	.054358	.1083196
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.5779204	.0248428	23.26	0.000	.5292294	.6266113

6 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.5300553	.0821802	6.45	0.000	.368985	.6911256
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.1993693	.0271892	7.33	0.000	.1460796	.2526591
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0423974	.012028	3.52	0.000	.018823	.0659717
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.228178	.0538149	4.24	0.000	.1227028	.3336532

7 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1477493	.0226366	6.53	0.000	.1033823	.1921163
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.0875765	.0137875	6.35	0.000	.0605535	.1145995
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.1013276	.0154379	6.56	0.000	.0710698	.1315853
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.6633466	.0265731	24.96	0.000	.6112643	.7154289

8 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0307064	.2099045	0.15	0.884	-.3806988	.4421116
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.7707048	.0595998	12.93	0.000	.6538913	.8875182
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0250402	.0088808	2.82	0.005	.0076342	.0424462
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.1735486	.0438439	3.96	0.000	.0876162	.2594811

9 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1186173	.018647	6.36	0.000	.0820698	.1551649
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.329752	.0224833	14.67	0.000	.2856854	.3738185
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0071368	.0042657	1.67	0.094	-.0012238	.0154973
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.544494	.0255518	21.31	0.000	.4944133	.5945746

10 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0894265	.01573	5.69	0.000	.0585962	.1202568
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.2476146	.0216822	11.42	0.000	.2051182	.2901109
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.2723636	.0521179	5.23	0.000	.1702144	.3745129
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.3905953	.039776	9.82	0.000	.3126357	.4685548

11 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.2659597	.0381383	6.97	0.000	.1912101	.3407093
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.5179566	.0368195	14.07	0.000	.4457916	.5901215
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.1287494	.0232184	5.55	0.000	.0832422	.1742566
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.0873343	.1906642	0.46	0.647	-.2863607	.4610294

12 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0116256	.0060018	1.94	0.053	-.0001377	.0233888
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.1044416	.0154027	6.78	0.000	.0742528	.1346304
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0165361	.0069263	2.39	0.017	.0029608	.0301115
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.8673967	.0242632	35.75	0.000	.8198417	.9149517

13 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0590465	.0115991	5.09	0.000	.0363126	.0817803
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.3195556	.0225102	14.20	0.000	.2754365	.3636747
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0785325	.0132743	5.92	0.000	.0525153	.1045497
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.5428654	.0243477	22.30	0.000	.4951447	.5905861

14 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1911154	.0274024	6.97	0.000	.1374077	.2448232
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.2846393	.0205965	13.82	0.000	.2442708	.3250078
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0699812	.012314	5.68	0.000	.0458462	.0941161
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.4542641	.0688052	0.66	0.510	-.8957694	1.804298

15 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1260342	.0191952	6.57	0.000	.0884122	.1636561
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.2190966	.0173165	12.65	0.000	.185157	.2530362
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.086279	.0138275	6.24	0.000	.0591776	.1133803
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.5685903	.0247809	22.94	0.000	.5200207	.6171599

16 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0913378	.0156345	5.84	0.000	.0606948	.1219808
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.4174098	.0296694	14.07	0.000	.3592588	.4755609
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.061944	.0116063	5.34	0.000	.0391961	.084692
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.4293083	.0268434	15.99	0.000	.3766962	.4819205

17 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1145682	.0179373	6.39	0.000	.0794117	.1497247
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.31624	.0219556	14.40	0.000	.2732079	.3592722
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0450723	.0098447	4.58	0.000	.025777	.0643675
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.5241195	.0250871	20.89	0.000	.4749496	.5732894

18 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1063372	.0167533	6.35	0.000	.0735013	.1391731
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.2918273	.0208665	13.99	0.000	.2509296	.332725
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.1161338	.0179301	6.48	0.000	.0809915	.1512761
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.4857017	.0250791	19.37	0.000	.4365476	.5348557

19 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.1569994	.0229134	6.85	0.000	.11209	.2019088
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.3755011	.0261758	14.35	0.000	.3241976	.4268047
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0938053	.0153711	6.10	0.000	.0636786	.1239321
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.3736942	.0275849	13.55	0.000	.3196289	.4277595

20 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,008

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

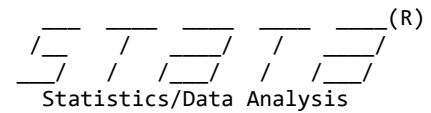
1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method					[95% Conf. Interval]
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1111173	.0173935	6.39	0.000	.0770266	.145208
MOTOR#2	.0709063	.0129607	5.47	0.000	.0455037	.0963089
MOBIL#1	.3055556	.021468	14.23	0.000	.2634791	.347632
MOBIL#2	.2384674	.0181312	13.15	0.000	.2029308	.2740039
ANGKUTAN UMUM#1	.0753946	.0128531	5.87	0.000	.0502029	.1005863
ANGKUTAN UMUM#2	.0561822	.0109221	5.14	0.000	.0347752	.0775892
KERETA API#1	.5079325	.0247909	20.49	0.000	.4593433	.5565218
KERETA API#2	.6344441	.0242723	26.14	0.000	.5868712	.682017

21 .

Hasil Running Stata Tabel 8

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Thursday June 15 23:44:17 2023 Page 1



User: TESIS FADLY
Project: CM USIA DIATAS 40 TAHUN

```
1 . drop idcase genderx1 lakilakix11 perempuanx12 usiax2 usiadibawah40tahunx21 usiadiatas40tahunx22 statusx3 jumlah
> lx6 jumlahmotorx7 jumlahsepedax8 pekerjaanx9 pendapatanx10 pengeluarantransportasix11 frekuensiperjalananpangke
> oda pilihan1234 choice altkenyamanan altwaktutempuh altbiayaperjalanan altkeamanan altresikokecelakaanlalin alt

2 . *(29 variables, 592 observations pasted into data editor)

3 . label values pilihanmoda pilihan1234 moda

4 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\03 USIA DIATAS 40 TAHUN.dta"
file D:\04 TESIS FADLY\HASIL CMLOGIT\03 USIA DIATAS 40 TAHUN.dta saved

5 . cmset idcase pilihan1234
```

```
caseid variable: idcase
alternatives variable: pilihan1234
```

```
6 . cmclogit choice altbiayaperjalanan altwaktutempuh , casevars(genderx1 jumlahmobilx6 jumlahmotorx7 jumlahsepedax
> six11 frekuensiperjalananpangkepmakass tujuanperjalanan) basealternative(3)
```

```
Iteration 0: log likelihood = -136.97195
Iteration 1: log likelihood = -124.68318
Iteration 2: log likelihood = -107.42601
Iteration 3: log likelihood = -106.32208
Iteration 4: log likelihood = -106.1045
Iteration 5: log likelihood = -106.05821
Iteration 6: log likelihood = -106.04865
Iteration 7: log likelihood = -106.0465
Iteration 8: log likelihood = -106.04597
Iteration 9: log likelihood = -106.04586
Iteration 10: log likelihood = -106.04584
Iteration 11: log likelihood = -106.04584
```

```
Conditional logit choice model      Number of obs      =      592
Case ID variable: idcase           Number of cases     =      148
```

```
Alternatives variable: pilihan1234  Alts per case: min =      4
                                     avg =      4.0
                                     max =      4
```

```
Log likelihood = -106.04584          Wald chi2(29)      =      55.16
                                     Prob > chi2        =      0.0024
```

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altbiayaperjalanan	-.0043126	.0014978	-2.88	0.004	-.0072481	-.001377
altwaktutempuh	-.1999842	.0480001	-4.17	0.000	-.2940626	-.1059057
MOTOR						
genderx1	-.8974735	.9856841	-0.91	0.363	-2.829379	1.034432
jumlahmobilx6	-.2899458	2165.44	-0.00	1.000	-4244.475	4243.895
jumlahmotorx7	.3959405	.6299679	0.63	0.530	-.8387739	1.630655
jumlahsepedax8	-.0780574	16656.39	-0.00	1.000	-32646.01	32645.86
pekerjaanx9	-.2999121	.3051923	-0.98	0.326	-.8980781	.2982539
pendapatanx10	-.0410594	.4218453	-0.10	0.922	-.867861	.7857422
pengeluarantransportasix11	1.129569	.6976963	1.62	0.105	-.237891	2.497028
frekuensiperjalananpangkepmakass	-.0973151	.6431058	-0.15	0.880	-1.357779	1.163149
tujuanperjalanan	-1.872017	.5567623	-3.36	0.001	-2.963252	-.7807834
_cons	7.122118	3.134614	2.27	0.023	.9783873	13.26585

MOBIL

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0075448	.0055584	1.36	0.175	-.0033494	.018439
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2854047	.0279831	10.20	0.000	.2305589	.3402506
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1191503	.0255575	4.66	0.000	.0690585	.1692422
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5879001	.0340706	17.26	0.000	.5211229	.6546773

9 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.3791092	.1005558	3.77	0.000	.1820236	.5761948
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2300451	.2560955	0.90	0.369	-.2718928	.731983
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0620263	.0223894	2.77	0.006	.0181438	.1059088
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.3288194	.0761901	4.32	0.000	.1794896	.4781492

10 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.1002541	.0215804	4.65	0.000	.0579573	.1425509
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.0924921	.0239189	3.87	0.000	.0456118	.1393724
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1277865	.0256406	4.98	0.000	.0775318	.1780413
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.6794673	5.841824	0.12	0.907	-10.7703	12.12923

11 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0369288	6.963902	0.01	0.996	-13.61207	13.68593
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.6851704	.1103771	6.21	0.000	.4688352	.9015056
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0419065	.0209187	2.00	0.045	.0009066	.0829064
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.2359943	.0791862	2.98	0.003	.0807922	.3911963

12 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0979661	.0218326	4.49	0.000	.055175	.1407572
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2886712	.0279228	10.34	0.000	.2339434	.3433989
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0073848	.0054681	1.35	0.177	-.0033325	.018102
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.605978	.0322376	18.80	0.000	.5427935	.6691624

13 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0444186	.0197701	2.25	0.025	.00567	.0831673
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2175277	.0207956	10.46	0.000	.1767692	.2582862
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.4749669	.0963459	4.93	0.000	.2861324	.6638014
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.2630867	.0731829	3.59	0.000	.1196508	.4065226

14 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.1889134	.041734	4.53	0.000	.1071162	.2707106
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.4355333	.0462217	9.42	0.000	.3449404	.5261263
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.2755538	.0535102	5.15	0.000	.1706757	.3804319
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.0999995	.0537718	1.86	0.063	-.0053913	.2053904

15 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0119915	.0313356	0.38	0.702	-.0494251	.0734081
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.1002933	.0260502	3.85	0.000	.0492358	.1513509
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0127355	.0081611	1.56	0.119	-.00326	.0287309
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.8749797	.0377994	23.15	0.000	.8008943	.9490651

16 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0656436	.0174066	3.77	0.000	.0315273	.0997598
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2742601	.0259329	10.58	0.000	.2234324	.3250877
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1112979	.0238779	4.66	0.000	.0644981	.1580977
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5487985	.0336762	16.30	0.000	.4827943	.6148026

17 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.1149381	.0260061	4.42	0.000	.0639671	.165909
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2655963	4.109177	0.06	0.948	-7.788243	8.319436
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1041035	.0227138	4.58	0.000	.0595852	.1486218
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5153621	.0348659	14.78	0.000	.4470262	.583698

18 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0916589	.0201782	4.54	0.000	.0521104	.1312074
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.232414	.0247349	9.40	0.000	.1839346	.2808935
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1135166	.0240573	4.72	0.000	.0663652	.160668
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5624105	.034609	16.25	0.000	.4945781	.6302428

19 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0829496	.0191439	4.33	0.000	.0454282	.120471
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.3141005	.0330293	9.51	0.000	.2493642	.3788367
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1014802	.0225489	4.50	0.000	.0572851	.1456752
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5014698	.0356262	14.08	0.000	.4316438	.5712958

20 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0909868	.0202607	4.49	0.000	.0512765	.130697
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2756742	.0260087	10.60	0.000	.224698	.3266504
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0774345	.0201818	3.84	0.000	.0378788	.1169902
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5559045	.0331996	16.74	0.000	.4908345	.6209746

21 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.083799	.0190083	4.41	0.000	.0465434	.1210546
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2637065	.0245457	10.74	0.000	.2155978	.3118151
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1467621	.0320659	4.58	0.000	.0839141	.2096101
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.5057325	.0365684	13.83	0.000	.4340597	.5774053

22 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.104812	.0231869	4.52	0.000	.0593665	.1502575
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.3007162	.0292091	10.30	0.000	.2434674	.3579649
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.1343493	.0287693	4.67	0.000	.0779625	.1907361
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.4601225	.0423556	10.86	0.000	.3771071	.543138

23 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 592

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan

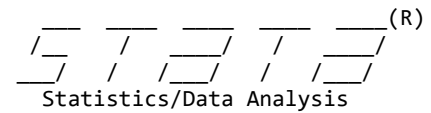
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0878378	.0196279	4.48	0.000	.0493678	.1263078
MOTOR#2	.0716713	.017795	4.03	0.000	.0367938	.1065488
MOBIL#1	.2702711	.0252667	10.70	0.000	.2207493	.3197929
MOBIL#2	.2402212	.0249098	9.64	0.000	.191399	.2890434
ANGKUTAN UMUM#1	.1081096	.0232897	4.64	0.000	.0624627	.1537566
ANGKUTAN UMUM#2	.0845753	.0206367	4.10	0.000	.0441281	.1250226
KERETA API#1	.5337814	.0336127	15.88	0.000	.4679017	.5996612
KERETA API#2	.6035322	.0380425	15.86	0.000	.5289702	.6780942

24 .

Hasil Running Stata Tabel 9

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Friday June 16 07:13:38 2023 Page 1



User: TESIS FADLY
Project: CM PERJALANAN 1 KALI SEPEKAN

```
1 . save "D:\04 TESIS FADLY\HASIL CMLOGIT\08 FREKUENSI PERJALANAN 1KALI SEPEKAN.dta"
file D:\04 TESIS FADLY\HASIL CMLOGIT\08 FREKUENSI PERJALANAN 1KALI SEPEKAN.dta saved
```

```
2 . cmset idcase pilihan1234
```

```
caseid variable: idcase
alternatives variable: pilihan1234
```

```
3 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(genderx1 usiax2 pendidikanterakhirx5 pekerjaanx9 pe
> alanan) basealternative(3)
```

```
Iteration 0: log likelihood = -250.68608
Iteration 1: log likelihood = -239.17755
Iteration 2: log likelihood = -214.14186
Iteration 3: log likelihood = -213.39414
Iteration 4: log likelihood = -213.38995
Iteration 5: log likelihood = -213.38995
```

```
Conditional logit choice model      Number of obs      =      1,052
Case ID variable: idcase           Number of cases     =       263
```

```
Alternatives variable: pilihan1234  Alts per case: min =         4
                                     avg =        4.0
                                     max =         4
```

```
Wald chi2(23) =      90.68
Log likelihood = -213.38995         Prob > chi2      =     0.0000
```

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1858322	.0329808	-5.63	0.000	-.2504734	-.1211909
altbiayaperjalanan	-.0052015	.0009709	-5.36	0.000	-.0071045	-.0032985
MOTOR						
genderx1	-2.589267	.9360658	-2.77	0.006	-4.423922	-.7546117
usiax2	-.1346444	.2933607	-0.46	0.646	-.7096208	.440332
pendidikanterakhirx5	.1695954	.310921	0.55	0.585	-.4397985	.7789893
pekerjaanx9	-.5113538	.2747976	-1.86	0.063	-1.049947	.0272395
pendapatanx10	-.4479484	.3409693	-1.31	0.189	-1.116236	.2203391
pengeluarantransportasix11	.1570042	.6119407	0.26	0.798	-1.042378	1.356386
tujuanperjalanan	-1.711445	.445903	-3.84	0.000	-2.585399	-.8374912
_cons	13.97858	3.019615	4.63	0.000	8.060242	19.89691
MOBIL						
genderx1	-2.64604	.8599444	-3.08	0.002	-4.3315	-.9605798
usiax2	-.3028731	.2563457	-1.18	0.237	-.8053015	.1995552
pendidikanterakhirx5	.2710825	.2686994	1.01	0.313	-.2555587	.7977237
pekerjaanx9	-.4610659	.2347379	-1.96	0.050	-.9211436	-.0009881
pendapatanx10	-.2943023	.262411	-1.12	0.262	-.8086185	.2200139
pengeluarantransportasix11	1.003355	.4332757	2.32	0.021	.1541504	1.85256
tujuanperjalanan	-1.203457	.4046493	-2.97	0.003	-1.996555	-.4103587
_cons	11.08038	2.794437	3.97	0.000	5.603386	16.55738
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
genderx1	-2.770389	.8223438	-3.37	0.001	-4.382153	-1.158625
usiax2	-.1347934	.2274158	-0.59	0.553	-.5805202	.3109334
pendidikanterakhirx5	.1633944	.2351606	0.69	0.487	-.2975119	.6243006
pekerjaanx9	-.3032655	.2082454	-1.46	0.145	-.7114191	.1048881

pendapatanx10	- .575373	.2444078	-2.35	0.019	-1.054403	- .0963426
pengeluarantransportasix11	.6083704	.4300349	1.41	0.157	-.2344825	1.451223
tujuanperjalanan	-1.157658	.3784072	-3.06	0.002	-1.899323	- .4159938
_cons	10.47222	2.599075	4.03	0.000	5.378126	15.56631

4 . margin

Predictive margins Number of obs = 1,052

Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome						
MOTOR	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOBIL	.2015209	.0212917	9.46	0.000	.15979	.2432518
ANGKUTAN UMUM	.1026616	.0164203	6.25	0.000	.0704783	.1348449
KERETA API	.6121673	.0259732	23.57	0.000	.5612608	.6630738

5 .

6 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins Number of obs = 1,052

Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()

Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh

2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0065068	.0033685	1.93	0.053	-.0000953	.0131089
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.2200988	.0229245	9.60	0.000	.1751677	.2650299
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.1088	.0172621	6.30	0.000	.0749668	.1426331
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.6645944	.0255707	25.99	0.000	.6144768	.7147119

7 .

8 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.5045508	.1150951	4.38	0.000	.2789686	.730133
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.109056	.027819	3.92	0.000	.0545318	.1635802
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0607934	.0176724	3.44	0.001	.0261562	.0954306
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.3255998	.0797161	4.08	0.000	.1693591	.4818404

9 .

10 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.1088775	.0206843	5.26	0.000	.068337	.149418
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.0273024	.0102213	2.67	0.008	.0072691	.0473357
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.1322088	.0199767	6.62	0.000	.0930552	.1713623
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.7316113	.0264573	27.65	0.000	.6797559	.7834667

11 .

12 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0271478	.0106973	2.54	0.011	.0061816	.0481141
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.6754961	.082055	8.23	0.000	.5146712	.836321
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0380178	.0136274	2.79	0.005	.0113087	.0647269
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.2593383	.0632127	4.10	0.000	.1354436	.383233

13 .

14 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.091433	.0177666	5.15	0.000	.0566112	.1262548
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.2271422	.0231933	9.79	0.000	.1816843	.2726002
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0101163	.0051977	1.95	0.052	-.000071	.0203036
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.6713085	.0261557	25.67	0.000	.6200443	.7225726

15 .

16 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0565239	.014001	4.04	0.000	.0290824	.0839654
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.1245452	.0243746	5.11	0.000	.0767719	.1723185
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.4309343	.0852845	5.05	0.000	.2637797	.5980889
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.3879966	.0612457	6.34	0.000	.2679572	.508036

17 .

18 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.2184486	.0427077	5.11	0.000	.134743	.3021542
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.4156294	.0431379	9.63	0.000	.3310806	.5001782
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.2230369	.0356247	6.26	0.000	.1532138	.29286
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.1428851	.0512267	2.79	0.005	.0424825	.2432876

19 .

20 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0102385	.004776	2.14	0.032	.0008777	.0195993
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.0403718	.0123656	3.26	0.001	.0161356	.0646079
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0173659	.0077139	2.25	0.024	.0022469	.032485
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.9320238	.0225801	41.28	0.000	.8877677	.9762799

21 .

22 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0539923	.0118746	4.55	0.000	.0307186	.0772661
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.2085576	.0218378	9.55	0.000	.1657563	.2513589
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.1051445	.0167321	6.28	0.000	.0723501	.1379389
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.6323056	.025548	24.75	0.000	.5822325	.6823787

23 .

24 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.126303	.0245777	5.14	0.000	.0781315	.1744745
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.1915867	.020808	9.21	0.000	.1508038	.2323697
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0989043	.01605	6.16	0.000	.0674468	.1303618
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.583206	.02807	20.78	0.000	.5281897	.6382223

25 .

26 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0912088	.0173945	5.24	0.000	.0571161	.1253014
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.1463133	.0182203	8.03	0.000	.1106021	.1820245
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.111498	.0174025	6.41	0.000	.0773898	.1456062
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.6509799	.0258005	25.23	0.000	.6004119	.7015479

27 .

28 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0744669	.0148344	5.02	0.000	.045392	.1035417
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.27054	.0286653	9.44	0.000	.214357	.326723
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0921879	.0154242	5.98	0.000	.0619571	.1224187
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.5628052	.0284494	19.78	0.000	.5070455	.6185649

29 .

30 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM
Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan
2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0863191	.0166577	5.18	0.000	.0536706	.1189676
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.2100785	.0218437	9.62	0.000	.1672656	.2528914
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0705795	.0132077	5.34	0.000	.0446929	.096466
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.633023	.025809	24.53	0.000	.5824383	.6836076

31 .

32 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM

1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.080193	.0155238	5.17	0.000	.0497668	.1106191
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.1907073	.0207701	9.18	0.000	.1499986	.2314159
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.144698	.0227533	6.36	0.000	.1001024	.1892936
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.5844018	.0274374	21.30	0.000	.5306254	.6381781

33 .

34 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.1092866	.0208643	5.24	0.000	.0683934	.1501798
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.2467475	.0259458	9.51	0.000	.1958947	.2976003
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.1276698	.0201759	6.33	0.000	.0881258	.1672138
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.5162961	.0321263	16.07	0.000	.4533297	.5792625

35 .

36 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
 Model VCE : OIM
 Number of obs = 1,052

Expression : Pr(pilihan1234|1 selected), predict()
 Alternative : KERETA API

1._at : altbiayape~n = altbiayaperjalanan

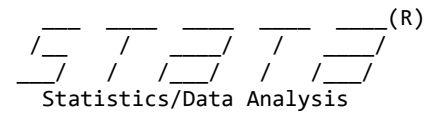
2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.0836502	.0161298	5.19	0.000	.0520364	.115264
MOTOR#2	.0613239	.0128876	4.76	0.000	.0360648	.0865831
MOBIL#1	.2015209	.0212917	9.46	0.000	.15979	.2432518
MOBIL#2	.159544	.0186595	8.55	0.000	.1229721	.1961159
ANGKUTAN UMUM#1	.1026616	.0164203	6.25	0.000	.0704783	.1348449
ANGKUTAN UMUM#2	.0797282	.0140042	5.69	0.000	.0522805	.107176
KERETA API#1	.6121673	.0259732	23.57	0.000	.5612608	.6630738
KERETA API#2	.6994038	.026484	26.41	0.000	.6474961	.7513115

37 .

Hasil Running Stata Tabel 10

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Friday June 16 08:34:12 2023 Page 1



User: TESIS FADLY
Project: CM PERJALANAN LEBIH 1 KALI SEPEKAN

1 . cmset idcase pilihan1234

caseid variable: **idcase**
alternatives variable: **pilihan1234**

2 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(genderx1 usiax2 pendidikanterakhirx5 pekerjaanx9 pe
> alanan) basealternative(3)

Iteration 0: log likelihood = **-126.58965**
Iteration 1: log likelihood = **-123.64743**
Iteration 2: log likelihood = **-119.09189**
Iteration 3: log likelihood = **-119.02407**
Iteration 4: log likelihood = **-119.02385**
Iteration 5: log likelihood = **-119.02385**

Conditional logit choice model Number of obs = **548**
Case ID variable: idcase Number of cases = **137**

Alternatives variable: pilihan1234 Alts per case: min = **4**
avg = **4.0**
max = **4**

Log likelihood = **-119.02385** Wald chi2(23) = **49.26**
Prob > chi2 = **0.0011**

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1594074	.03983	-4.00	0.000	-.2374728	-.0813419
altbiayaperjalanan	-.0047972	.0011382	-4.21	0.000	-.007028	-.0025664
MOTOR						
genderx1	-.6065267	1.011813	-0.60	0.549	-2.589643	1.37659
usiax2	-.6588965	.5429694	-1.21	0.225	-1.723097	.405304
pendidikanterakhirx5	-.1418396	.4192984	-0.34	0.735	-.9636493	.67997
pekerjaanx9	-.0943819	.432708	-0.22	0.827	-.942474	.7537102
pendapatanx10	-1.722026	.5756098	-2.99	0.003	-2.8502	-.5938511
pengeluarantransportasix11	2.058408	.8829851	2.33	0.020	.3277889	3.789027
tujuanperjalanan	-.6375792	.4584697	-1.39	0.164	-1.536163	.2610048
_cons	8.707103	3.919344	2.22	0.026	1.025331	16.38888
MOBIL						
genderx1	.3014049	.8894492	0.34	0.735	-1.441884	2.044693
usiax2	-.3159701	.4229508	-0.75	0.455	-1.144938	.5129983
pendidikanterakhirx5	-.1482938	.3671912	-0.40	0.686	-.8679753	.5713876
pekerjaanx9	.1513923	.3958126	0.38	0.702	-.6243861	.9271708
pendapatanx10	.2933473	.4038958	0.73	0.468	-.4982738	1.084968
pengeluarantransportasix11	1.160036	.7244224	1.60	0.109	-.2598054	2.579878
tujuanperjalanan	-.7350059	.430143	-1.71	0.087	-1.578071	.1080588
_cons	2.597651	3.507733	0.74	0.459	-4.277379	9.472682
ANGKUTAN_UMUM						
(base alternative)						
KERETA_API						
genderx1	-.3315487	.8918749	-0.37	0.710	-2.079591	1.416494
usiax2	-.1576261	.418606	-0.38	0.707	-.9780788	.6628267
pendidikanterakhirx5	.0231671	.3678376	0.06	0.950	-.6977814	.7441157
pekerjaanx9	.1224734	.3939204	0.31	0.756	-.6495964	.8945432
pendapatanx10	-.0740528	.4124157	-0.18	0.857	-.8823726	.7342671
pengeluarantransportasix11	.9388583	.7349298	1.28	0.201	-.5015777	2.379294
tujuanperjalanan	-.8253051	.4274767	-1.93	0.054	-1.663144	.0125338

_cons	2.162872	3.521896	0.61	0.539	-4.739918	9.065662
-------	----------	----------	------	-------	-----------	----------

```
3 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(usiax2 pendidikanterakhirx5 pekerjaanx9 pendapatanx9)
> basealternative(3)
```

```
Iteration 0: log likelihood = -127.67141
Iteration 1: log likelihood = -124.92787
Iteration 2: log likelihood = -120.30466
Iteration 3: log likelihood = -120.23749
Iteration 4: log likelihood = -120.23726
Iteration 5: log likelihood = -120.23726
```

```
Conditional logit choice model      Number of obs      =      548
Case ID variable: idcase           Number of cases     =      137
```

```
Alternatives variable: pilihan1234  Alts per case: min =      4
                                     avg  =      4.0
                                     max  =      4
```

```
Log likelihood = -120.23726          Wald chi2(20)      =      48.35
                                     Prob > chi2        =      0.0004
```

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1591335	.0393607	-4.04	0.000	-.2362791	-.0819878
altbiayaperjalanan	-.0048294	.0011365	-4.25	0.000	-.0070569	-.0026018
MOTOR						
usiax2	-.6663814	.5436006	-1.23	0.220	-1.731819	.3990561
pendidikanterakhirx5	-.1917513	.4094371	-0.47	0.640	-.9942332	.6107306
pekerjaanx9	-.0716939	.4265544	-0.17	0.867	-.9077253	.7643374
pendapatanx10	-1.67294	.5615664	-2.98	0.003	-2.77359	-.5722898
pengeluarantransportasix11	2.127297	.8826494	2.41	0.016	.3973364	3.857258
tujuanperjalanan	-.6618541	.4545119	-1.46	0.145	-1.552681	.2289729
_cons	7.755534	3.446388	2.25	0.024	1.000737	14.51033
MOBIL						
usiax2	-.3311731	.4188508	-0.79	0.429	-1.152106	.4897594
pendidikanterakhirx5	-.1303067	.3609023	-0.36	0.718	-.8376622	.5770487
pekerjaanx9	.1489773	.3910147	0.38	0.703	-.6173973	.915352
pendapatanx10	.2795719	.3832441	0.73	0.466	-.4715728	1.030717
pengeluarantransportasix11	1.138265	.7179982	1.59	0.113	-.2689859	2.545515
tujuanperjalanan	-.7266366	.4296682	-1.69	0.091	-1.568771	.1154975
_cons	3.081031	3.099308	0.99	0.320	-2.993501	9.155563
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
usiax2	-.1493567	.4166011	-0.36	0.720	-.9658798	.6671663
pendidikanterakhirx5	-.0031856	.3618215	-0.01	0.993	-.7123427	.7059715
pekerjaanx9	.134951	.3891591	0.35	0.729	-.6277868	.8976888
pendapatanx10	-.0236675	.3912867	-0.06	0.952	-.7905753	.7432404
pengeluarantransportasix11	.9532237	.7288651	1.31	0.191	-.4753256	2.381773
tujuanperjalanan	-.8436626	.4283461	-1.97	0.049	-1.683205	-.0041198
_cons	1.593066	3.090991	0.52	0.606	-4.465166	7.651298

```
4 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(usiax2 pekerjaanx9 pendapatanx10 pengeluarantranspo
```

```
Iteration 0: log likelihood = -128.04756
Iteration 1: log likelihood = -125.0145
Iteration 2: log likelihood = -120.70904
Iteration 3: log likelihood = -120.64633
Iteration 4: log likelihood = -120.64613
Iteration 5: log likelihood = -120.64613
```

Conditional logit choice model
Case ID variable: idcase

```
Number of obs      =      548
Number of cases    =      137
```

Alternatives variable: pilihan1234

```
Alts per case: min =      4
                avg =    4.0
                max =      4
```

Log likelihood = -120.64613

```
Wald chi2(17) = 47.37
Prob > chi2 = 0.0001
```

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1585572	.0392435	-4.04	0.000	-.2354731	-.0816413
altbiayaperjalanan	-.0047936	.0011378	-4.21	0.000	-.0070236	-.0025636
MOTOR						
usiax2	-.6017305	.5283332	-1.14	0.255	-1.637244	.4337835
pekerjaanx9	.0169469	.3579123	0.05	0.962	-.6845483	.7184421
pendapatanx10	-1.688634	.5631606	-3.00	0.003	-2.792408	-.5848593
pengeluarantransportasix11	2.133422	.8791669	2.43	0.015	.4102864	3.856557
tujuanperjalanan	-.6827811	.4522293	-1.51	0.131	-1.569134	.203572
_cons	6.675797	2.421692	2.76	0.006	1.929368	11.42223
MOBIL						
usiax2	-.3012488	.4118924	-0.73	0.465	-1.108543	.5060455
pekerjaanx9	.2228783	.3206981	0.69	0.487	-.4056784	.851435
pendapatanx10	.2738362	.3836876	0.71	0.475	-.4781777	1.02585
pengeluarantransportasix11	1.161183	.7162239	1.62	0.105	-.2425896	2.564956
tujuanperjalanan	-.7306215	.427754	-1.71	0.088	-1.569004	.107761
_cons	2.250536	2.118372	1.06	0.288	-1.901397	6.402469
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
usiax2	-.1532196	.4110505	-0.37	0.709	-.9588638	.6524246
pekerjaanx9	.1650351	.3197523	0.52	0.606	-.4616679	.7917382
pendapatanx10	-.0097085	.3925244	-0.02	0.980	-.7790422	.7596252
pengeluarantransportasix11	.9747616	.7279462	1.34	0.181	-.4519868	2.40151
tujuanperjalanan	-.8647968	.4278458	-2.02	0.043	-1.703359	-.0262344
_cons	1.479609	2.127006	0.70	0.487	-2.689245	5.648464

5 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(usiax2 pendapatanx10 pengeluarantransportasix11 tujuanperjalanan)

Iteration 0: log likelihood = -128.33712
 Iteration 1: log likelihood = -125.56407
 Iteration 2: log likelihood = -121.25394
 Iteration 3: log likelihood = -121.2011
 Iteration 4: log likelihood = -121.20094
 Iteration 5: log likelihood = -121.20094

Conditional logit choice model Number of obs = 548
 Case ID variable: idcase Number of cases = 137

Alternatives variable: pilihan1234 Alts per case: min = 4
 avg = 4.0
 max = 4

Log likelihood = -121.20094 Wald chi2(14) = 47.24
 Prob > chi2 = 0.0000

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1598101	.0391829	-4.08	0.000	-.2366072	-.083013
altbiayaperjalanan	-.0048432	.0011339	-4.27	0.000	-.0070656	-.0026208
MOTOR						
usiax2	-.5559058	.5107797	-1.09	0.276	-1.557016	.445204
pendapatanx10	-1.612089	.5172774	-3.12	0.002	-2.625934	-.5982442
pengeluarantransportasix11	2.033256	.8462894	2.40	0.016	.3745593	3.691953
tujuanperjalanan	-.6803233	.4464656	-1.52	0.128	-1.55538	.1947333
_cons	6.629742	1.806907	3.67	0.000	3.088269	10.17122
MOBIL						
usiax2	-.3382926	.405123	-0.84	0.404	-1.132319	.4557338
pendapatanx10	.2232041	.3645277	0.61	0.540	-.4912571	.9376653
pengeluarantransportasix11	1.092942	.6847584	1.60	0.110	-.2491597	2.435044
tujuanperjalanan	-.6932529	.4235759	-1.64	0.102	-1.523446	.1369407
_cons	3.264633	1.623777	2.01	0.044	.0820874	6.447178
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
usiax2	-.1671572	.4051229	-0.41	0.680	-.9611835	.6268691
pendapatanx10	-.062935	.3724054	-0.17	0.866	-.7928362	.6669662
pengeluarantransportasix11	.9238274	.6969459	1.33	0.185	-.4421614	2.289816
tujuanperjalanan	-.8243214	.4246082	-1.94	0.052	-1.656538	.0078954
_cons	2.191899	1.615215	1.36	0.175	-.9738633	5.357662

6 . margin

Predictive margins Number of obs = 548
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome						
MOTOR	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOBIL	.4671533	.0359301	13.00	0.000	.3967317	.5375749
ANGKUTAN UMUM	.0583942	.0192524	3.03	0.002	.0206601	.0961282
KERETA API	.3357664	.0363567	9.24	0.000	.2645087	.4070242

7 .

8 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 548

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh+15

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.0215125	.0126479	1.70	0.089	-.0032771	.046302
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.5135094	.0395857	12.97	0.000	.4359228	.5910961
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0704305	.0228039	3.09	0.002	.0257356	.1151253
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.3945477	.0399533	9.88	0.000	.3162406	.4728547

9 .

10 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins
Model VCE : OIM

Number of obs = 548

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh
2._at : altwaktute~h = altwaktutempuh-15

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.4357803	.1006998	4.33	0.000	.2384123	.6331484
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.3307143	.0567227	5.83	0.000	.2195399	.4418887
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0350203	.0148282	2.36	0.018	.0059575	.064083
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.1984851	.048812	4.07	0.000	.1028153	.2941548

11 .

```
12 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh+15)) alterna
```

Predictive margins	Number of obs	=	548
Model VCE : OIM			

```
Expression      : Pr(pilihan1234|1 selected), predict()
Alternative     : MOBIL
```

```
1._at      : altwaktute~h      = altwaktutempuh
```

```
2. _at      : altwaktute~h      = altwaktutempuh+15
```

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.2007071	.0380545	5.27	0.000	.1261217	.2752926
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.1444376	.0443828	3.25	0.001	.057449	.2314262
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.1041279	.0344513	3.02	0.003	.0366047	.1716512
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.5507274	.0496182	11.10	0.000	.4534774	.6479773

13 .

```
14 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh-15)) alterna
```

Predictive margins	Number of obs	=	548
Model VCE : OIM			

```
Expression      : Pr(pilihan1234|1 selected), predict()
Alternative     : MOBIL
```

```
1. at      : altwaktute~h      = altwaktutempuh
```

```
2. at      : altwaktute~h      = altwaktutempuh-15
```

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.0482084	.021645	2.23	0.026	.0057851	.0906318
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.8497159	.0620412	13.70	0.000	.7281175	.9713144
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0143939	.0085959	1.67	0.094	-.0024537	.0312416
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.0876817	.0375495	2.34	0.020	.014086	.1612775

15 .

```
16 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh+15)) alterna
```

Predictive margins	Number of obs	=	548
Model VCE : OIM			

```
Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM
```

```
1._at      : altwaktute~h      = altwaktutempuh
```

```
2. _at      : altwaktute~h      = altwaktutempuh+15
```

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.1474196	.0260417	5.66	0.000	.0963788	.1984604
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.4901127	.036873	13.29	0.000	.417843	.5623823
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0060866	.0041574	1.46	0.143	-.0020618	.014235
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.3563811	.037566	9.49	0.000	.2827531	.4300091

17 .

```
18 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh-15)) alterna
```

Predictive margins	Number of obs	=	548
Model VCE : OIM			

```
Expression : Pr(pilihan1234|1 selected), predict()
Alternative : ANGKUTAN UMUM
```

```
1. at      : altwaktute~h      = altwaktutempuh
```

```
2. at      : altwaktute~h      = altwaktutempuh-15
```


	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.1846356	.0323813	5.70	0.000	.1211694	.2481018
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.4477739	.0356272	12.57	0.000	.3779458	.517602
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0541524	.0181557	2.98	0.003	.0185679	.0897369
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.313438	.0358852	8.73	0.000	.2431042	.3837718

27 .

28 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 548

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.1550703	.0277323	5.59	0.000	.1007159	.2094247
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.3845232	.0361307	10.64	0.000	.3137083	.4553381
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0691339	.0225016	3.07	0.002	.0250316	.1132362
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.3912726	.0393418	9.95	0.000	.3141641	.4683812

29 .

30 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 548

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOBIL

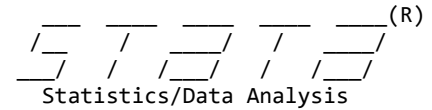
1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method					
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]	
_outcome#_at						
MOTOR#1	.1386861	.0251105	5.52	0.000	.0894705	.1879017
MOTOR#2	.1173106	.0233206	5.03	0.000	.071603	.1630182
MOBIL#1	.4671533	.0359301	13.00	0.000	.3967317	.5375749
MOBIL#2	.4076988	.0360317	11.31	0.000	.3370779	.4783197
ANGKUTAN UMUM#1	.0583942	.0192524	3.03	0.002	.0206601	.0961282
ANGKUTAN UMUM#2	.0484483	.0165398	2.93	0.003	.0160309	.0808656
KERETA API#1	.3357664	.0363567	9.24	0.000	.2645087	.4070242
KERETA API#2	.4265423	.042555	10.02	0.000	.3431361	.5099486

Hasil Running Stata Tabel 11

PEMILIHAN MODA TRANSPORTASI RUTE BARRU - MAKASSAR Friday June 16 08:35:15 2023 Page 1



User: TESIS FADLY
Project: CM TUJUAN PERJALANAN BERKUNJUNG KELUARGA

1 . cmset idcase pilihan1234

caseid variable: **idcase**
alternatives variable: **pilihan1234**

2 . cmclogit choice altwaktutempuh altbiayaperjalanan, casevars(genderx1 usiax2 pekerjaanx9 pendapatanx10 pengeluaranx10) basealternative(3)

Iteration 0: log likelihood = **-181.12382**
Iteration 1: log likelihood = **-157.77547**
Iteration 2: log likelihood = **-154.9042**
Iteration 3: log likelihood = **-154.73866**
Iteration 4: log likelihood = **-154.73765**
Iteration 5: log likelihood = **-154.73765**

Conditional logit choice model
Case ID variable: idcase

Number of obs = **848**
Number of cases = **212**

Alternatives variable: pilihan1234

Alts per case: min = **4**
avg = **4.0**
max = **4**

Log likelihood = **-154.73765**
Wald chi2(20) = **61.65**
Prob > chi2 = **0.0000**

choice	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
pilihan1234						
altwaktutempuh	-.1917461	.0377018	-5.09	0.000	-.2656402	-.117852
altbiayaperjalanan	-.0073419	.0012005	-6.12	0.000	-.0096949	-.0049889
MOTOR						
genderx1	-1.445724	.8761016	-1.65	0.099	-3.162851	.2714039
usiax2	-.8771428	.3767329	-2.33	0.020	-1.615526	-.1387599
pekerjaanx9	.0512412	.320612	0.16	0.873	-.5771468	.6796292
pendapatanx10	-.7723544	.426765	-1.81	0.070	-1.608798	.0640895
pengeluarantransportasix11	2.022404	1.058429	1.91	0.056	-.0520782	4.096886
frekuensiperjalananpangkepmakass	-.3031142	.6138247	-0.49	0.621	-1.506188	.89996
_cons	6.659322	2.949058	2.26	0.024	.879274	12.43937
MOBIL						
genderx1	-1.860235	.8213638	-2.26	0.024	-3.470079	-.2503918
usiax2	-.8149038	.3421537	-2.38	0.017	-1.485513	-.1442949
pekerjaanx9	.1973454	.2827156	0.70	0.485	-.3567671	.7514579
pendapatanx10	-.1698489	.3701274	-0.46	0.646	-.8952853	.5555875
pengeluarantransportasix11	2.339627	.9831208	2.38	0.017	.4127452	4.266508
frekuensiperjalananpangkepmakass	.0134916	.5347969	0.03	0.980	-1.034691	1.061674
_cons	4.167174	2.677569	1.56	0.120	-1.080764	9.415113
ANGKUTAN_UMUM	(base alternative)					
KERETA_API						
genderx1	-1.504257	.7339005	-2.05	0.040	-2.942675	-.065838
usiax2	-.7053697	.3040184	-2.32	0.020	-1.301235	-.1095046
pekerjaanx9	.2502939	.2497105	1.00	0.316	-.2391296	.7397174
pendapatanx10	-.4532016	.3177505	-1.43	0.154	-1.075981	.1695779
pengeluarantransportasix11	2.15359	.9519365	2.26	0.024	.2878286	4.019351
frekuensiperjalananpangkepmakass	-.2560743	.4875099	-0.53	0.599	-1.211576	.6994275
_cons	2.520531	2.416705	1.04	0.297	-2.216123	7.257185

3 . margin

Predictive margins Number of obs = 848
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome						
MOTOR	.0801887	.0180505	4.44	0.000	.0448103	.1155671
MOBIL	.1792453	.021594	8.30	0.000	.1369217	.2215688
ANGKUTAN UMUM	.0660377	.0156345	4.22	0.000	.0353947	.0966808
KERETA API	.6745283	.0277165	24.34	0.000	.620205	.7288517

4 .

5 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh+15)) alterna

Predictive margins Number of obs = 848
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()
 Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh

2._at : altwaktute~h = altwaktutempuh+15

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103	.1155671
MOTOR#2	.0052454	.0031852	1.65	0.100	-.0009974	.0114882
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217	.2215688
MOBIL#2	.1939799	.0230795	8.40	0.000	.148745	.2392148
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947	.0966808
ANGKUTAN UMUM#2	.0729816	.0170501	4.28	0.000	.0395639	.1063993
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205	.7288517
KERETA API#2	.7277931	.0266718	27.29	0.000	.6755173	.7800688

6 .

7 . margins, at(altwaktutempuh=generate(altwaktutempuh)) at(altwaktutempuh=generate(altwaktutempuh-15)) alterna

Predictive margins Number of obs = 848
 Model VCE : OIM

Expression : Pr(pilihan1234|1 selected), predict()
 Alternative : MOTOR

1._at : altwaktute~h = altwaktutempuh

2._at : altwaktute~h = altwaktutempuh-15

	Delta-method				
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]
_outcome#_at					
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103 .1155671
MOTOR#2	.046253	.0151314	3.06	0.002	.016596 .07591
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217 .2215688
MOBIL#2	.1292909	.0232674	5.56	0.000	.0836877 .1748941
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947 .0966808
ANGKUTAN UMUM#2	.3776303	.102101	3.70	0.000	.177516 .5777446
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205 .7288517
KERETA API#2	.4468259	.0779989	5.73	0.000	.2939509 .5997009

16 .

```
17 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh+15)) alterna
```

Predictive margins	Number of obs	=	848
Model VCE : OIM			

```
Expression      : Pr(pilihan1234|1 selected), predict()
Alternative     : KERETA API
```

```
1._at      : altwaktute~h      = altwaktutempuh
```

```
2. _at      : altwaktute~h      = altwaktutempuh+15
```

	Delta-method				
	Margin	Std. Err.	z	P> z	[95% Conf. Interval]
_outcome#_at					
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103 .1155671
MOTOR#2	.2465292	.0557684	4.42	0.000	.1372252 .3558333
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217 .2215688
MOBIL#2	.4080602	.0505202	8.08	0.000	.3090423 .507078
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947 .0966808
ANGKUTAN UMUM#2	.1746855	.0409467	4.27	0.000	.0944315 .2549396
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205 .7288517
KERETA API#2	.1707251	.0669171	2.55	0.011	.0395699 .3018802

18 .

```
19 . margins, at( altwaktutempuh=generate( altwaktutempuh)) at( altwaktutempuh=generate( altwaktutempuh-15)) alterna
```

Predictive margins	Number of obs	=	848
Model VCE : OIM			

```
Expression      : Pr(pilihan1234|1 selected), predict()
Alternative     : KERETA API
```

```
1. at      : altwaktute~h      = altwaktutempuh
```

```
2. at      : altwaktute~h      = altwaktutempuh-15
```

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103	.1155671
MOTOR#2	.0080923	.0044974	1.80	0.072	-.0007224	.016907
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217	.2215688
MOBIL#2	.0403722	.0111776	3.61	0.000	.0184645	.0622799
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947	.0966808
ANGKUTAN UMUM#2	.0073063	.0041887	1.74	0.081	-.0009035	.0155161
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205	.7288517
KERETA API#2	.9442293	.0177251	53.27	0.000	.9094887	.9789699

20 .

21 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 848

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan +100

	Delta-method				[95% Conf. Interval]	
	Margin	Std. Err.	z	P> z		
_outcome#_at						
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103	.1155671
MOTOR#2	.0415685	.0108942	3.82	0.000	.0202164	.0629207
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217	.2215688
MOBIL#2	.1868032	.0223038	8.38	0.000	.1430885	.2305179
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947	.0966808
ANGKUTAN UMUM#2	.0695682	.0163378	4.26	0.000	.0375466	.1015897
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205	.7288517
KERETA API#2	.7020601	.0266388	26.35	0.000	.6498489	.7542713

22 .

23 . margins, at(altbiayaperjalanan =generate(altbiayaperjalanan)) at(altbiayaperjalanan =generate(altbiayaperj

Predictive margins
Model VCE : OIM

Number of obs = 848

Expression : Pr(pilihan1234|1 selected), predict()
Alternative : MOTOR

1._at : altbiayape~n = altbiayaperjalanan

2._at : altbiayape~n = altbiayaperjalanan -100

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
_outcome#_at						
MOTOR#1	.0801887	.0180505	4.44	0.000	.0448103	.1155671
MOTOR#2	.0489233	.0121977	4.01	0.000	.0250163	.0728304
MOBIL#1	.1792453	.021594	8.30	0.000	.1369217	.2215688
MOBIL#2	.1287576	.0161041	8.00	0.000	.0971941	.160321
ANGKUTAN UMUM#1	.0660377	.0156345	4.22	0.000	.0353947	.0966808
ANGKUTAN UMUM#2	.0419372	.0111363	3.77	0.000	.0201105	.0637639
KERETA API#1	.6745283	.0277165	24.34	0.000	.620205	.7288517
KERETA API#2	.7803819	.0236542	32.99	0.000	.7340206	.8267432

Lampiran 3. Dokumentasi Penelitian



