```
. reg resper L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(2, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.8566
                                                Root MSE          =     .06557
```

resper	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	.2103448	.0112368	18.72	0.000	.187987	.2327026
L1.	-.01	6.06e-16	-1.6e+13	0.000	-.01	-.01
L2.	-.03	1.02e-15	-2.9e+13	0.000	-.03	-.03
L3.	.03	9.45e-16	3.2e+13	0.000	.03	.03
L4.	-.01	7.76e-16	-1.3e+13	0.000	-.01	-.01
L5.	-.04	6.82e-16	-5.9e+13	0.000	-.04	-.04
L6.	.04	2.97e-16	1.3e+14	0.000	.04	.04
L7.	.09	8.24e-17	1.1e+15	0.000	.09	.09
L8.	-.03	3.93e-16	-7.6e+13	0.000	-.03	-.03
L9.	-.07	7.65e-16	-9.1e+13	0.000	-.07	-.07
L10.	.09	6.52e-16	1.4e+14	0.000	.09	.09
L11.	-.02	4.47e-16	-4.5e+13	0.000	-.02	-.02
L12.	-.03	3.78e-16	-7.9e+13	0.000	-.03	-.03
L13.	-.01	4.23e-16	-2.4e+13	0.000	-.01	-.01
L14.	.06125	.0098799	6.20	0.000	.0415921	.0809079
sah						
--.	.01875	.0098799	1.90	0.061	-.0009079	.0384079
L1.	-.01	5.08e-17	-2.0e+14	0.000	-.01	-.01
L2.	-.03	1.40e-16	-2.1e+14	0.000	-.03	-.03
L3.	-.02	1.37e-16	-1.5e+14	0.000	-.02	-.02
L4.	.09	9.03e-17	1.0e+15	0.000	.09	.09
L5.	-.07	7.53e-17	-9.3e+14	0.000	-.07	-.07
L6.	-.09	1.19e-16	-7.6e+14	0.000	-.09	-.09
L7.	.21	8.72e-17	2.4e+15	0.000	.21	.21
L8.	-.02	8.50e-17	-2.4e+14	0.000	-.02	-.02
L9.	-.03	9.46e-17	-3.2e+14	0.000	-.03	-.03
L10.	-.03	5.33e-17	-5.6e+14	0.000	-.03	-.03
L11.	.11	6.00e-17	1.8e+15	0.000	.11	.11
L12.	-.06	5.59e-17	-1.1e+15	0.000	-.06	-.06
L13.	-.1	3.75e-17	-2.7e+15	0.000	-.1	-.1
L14.	.095	.0124722	7.62	0.000	.0701843	.1198157
_cons	1.159655	.0112368	103.20	0.000	1.137297	1.182013

```
.
. margins , at(ct16=(0 1) sah=(0 1))

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1
```

```
3._at         : ct16            =           1
                sah             =           0

4._at         : ct16            =           1
                sah             =           1
```

	Delta-method					
	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	**1.159655**	**.0112368**	**103.20**	**0.000**	**1.137297**	**1.182013**
2	**1.223405**	**.0194791**	**62.81**	**0.000**	**1.184648**	**1.262162**
3	**1.43125**	**.0098799**	**144.86**	**0.000**	**1.411592**	**1.450908**
4	**1.495**	**.0124722**	**119.87**	**0.000**	**1.470184**	**1.519816**

```
.
.
.
. reg worper L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(1, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.8968
                                                Root MSE          =     .11659
```

	Robust					
worper	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	**-.3451724**	**.0209896**	**-16.44**	**0.000**	**-.3869352**	**-.3034096**
L1.	**.02**	**1.11e-15**	**1.8e+13**	**0.000**	**.02**	**.02**
L2.	**-.04**	**1.79e-15**	**-2.2e+13**	**0.000**	**-.04**	**-.04**
L3.	**-.02**	**1.61e-15**	**-1.2e+13**	**0.000**	**-.02**	**-.02**
L4.	**-.02**	**1.44e-15**	**-1.4e+13**	**0.000**	**-.02**	**-.02**
L5.	**-.01**	**1.06e-15**	**-9.5e+12**	**0.000**	**-.01**	**-.01**
L6.	**-.11**	**3.45e-16**	**-3.2e+14**	**0.000**	**-.11**	**-.11**
L7.	**-.01**	**8.60e-17**	**-1.2e+14**	**0.000**	**-.01**	**-.01**
L8.	**.02**	**6.30e-16**	**3.2e+13**	**0.000**	**.02**	**.02**
L9.	**.07**	**1.38e-15**	**5.1e+13**	**0.000**	**.07**	**.07**
L10.	**-.09**	**1.22e-15**	**-7.4e+13**	**0.000**	**-.09**	**-.09**
L11.	**-.01**	**8.26e-16**	**-1.2e+13**	**0.000**	**-.01**	**-.01**
L12.	**-.01**	**6.89e-16**	**-1.5e+13**	**0.000**	**-.01**	**-.01**
L13.	**-.01**	**5.71e-16**	**-1.8e+13**	**0.000**	**-.01**	**-.01**
L14.	**-.0245833**	**.0083717**	**-2.94**	**0.004**	**-.0412405**	**-.0079262**
sah						
--.	**-.0154167**	**.0083717**	**-1.84**	**0.069**	**-.0320738**	**.0012405**
L1.	**-.01**	**2.43e-15**	**-4.1e+12**	**0.000**	**-.01**	**-.01**
L2.	**2.50e-15**	**2.23e-15**	**1.12**	**0.265**	**-1.93e-15**	**6.93e-15**
L3.	**9.26e-16**	**2.34e-15**	**0.40**	**0.693**	**-3.73e-15**	**5.58e-15**
L4.	**-2.46e-15**	**2.23e-15**	**-1.10**	**0.274**	**-6.90e-15**	**1.98e-15**
L5.	**.03**	**1.64e-15**	**1.8e+13**	**0.000**	**.03**	**.03**
L6.	**.1**	**1.59e-15**	**6.3e+13**	**0.000**	**.1**	**.1**
L7.	**-.21**	**1.13e-15**	**-1.9e+14**	**0.000**	**-.21**	**-.21**
L8.	**5.45e-16**	**9.64e-16**	**0.57**	**0.573**	**-1.37e-15**	**2.46e-15**
L9.	**6.81e-16**	**6.09e-16**	**1.12**	**0.267**	**-5.30e-16**	**1.89e-15**
L10.	**1.08e-15**	**1.90e-15**	**0.57**	**0.572**	**-2.71e-15**	**4.87e-15**
L11.	**-1.76e-15**	**1.85e-15**	**-0.95**	**0.344**	**-5.44e-15**	**1.92e-15**
L12.	**.02**	**3.76e-16**	**5.3e+13**	**0.000**	**.02**	**.02**
L13.	**.04**	**3.73e-16**	**1.1e+14**	**0.000**	**.04**	**.04**

L14.	-.05	2.63e-16	-1.9e+14	0.000	-.05	-.05
_cons	.7651724	.0209896	36.45	0.000	.7234096	.8069352

```
.
. margins , at(ct16=(0 1) sah=(0 1))
Warning:  variance matrix is nonsymmetric or highly singular

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1

3._at        : ct16            =           1
               sah             =           0

4._at        : ct16            =           1
               sah             =           1
```

	Delta-method					
	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.7651724	.	.	.	.	.
2	.6697557	.	.	.	.	.
3	.1754167	.	.	.	.	.
4	.08	.	.	.	.	.

```
.
.
.
. reg retrec L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(2, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.6282
                                                Root MSE          =     .16249
```

	Robust					
retrec	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	-.2922414	.0296181	-9.87	0.000	-.3511721	-.2333107
L1.	-.03	1.56e-15	-1.9e+13	0.000	-.03	-.03
L2.	-.03	2.48e-15	-1.2e+13	0.000	-.03	-.03
L3.	.03	2.22e-15	1.4e+13	0.000	.03	.03
L4.	.02	2.03e-15	9.8e+12	0.000	.02	.02
L5.	.05	1.41e-15	3.6e+13	0.000	.05	.05
L6.	-.05	3.92e-16	-1.3e+14	0.000	-.05	-.05
L7.	-.01	2.17e-17	-4.6e+14	0.000	-.01	-.01
L8.	-.02	8.58e-16	-2.3e+13	0.000	-.02	-.02
L9.	-.02	1.94e-15	-1.0e+13	0.000	-.02	-.02
L10.	.02	1.71e-15	1.2e+13	0.000	.02	.02

L11.	.01	1.17e-15	8.6e+12	0.000	.01	.01
L12.	.01	9.72e-16	1.0e+13	0.000	.01	.01
L13.	.01	7.03e-16	1.4e+13	0.000	.01	.01
L14.	-.0595833	.0032113	-18.55	0.000	-.0659728	-.0531939
sah						
--.	.0095833	.0032113	2.98	0.004	.0031939	.0159728
L1.	3.48e-16	2.62e-17	13.24	0.000	2.95e-16	4.00e-16
L2.	.02	2.43e-16	8.2e+13	0.000	.02	.02
L3.	.01	1.22e-16	8.2e+13	0.000	.01	.01
L4.	-.01	3.30e-17	-3.0e+14	0.000	-.01	-.01
L5.	.03	1.28e-16	2.3e+14	0.000	.03	.03
L6.	2.63e-15	1.90e-16	13.88	0.000	2.25e-15	3.01e-15
L7.	-.14	5.37e-17	-2.6e+15	0.000	-.14	-.14
L8.	.01	2.23e-16	4.5e+13	0.000	.01	.01
L9.	.01	2.44e-16	4.1e+13	0.000	.01	.01
L10.	-1.50e-15	1.28e-16	-11.72	0.000	-1.76e-15	-1.25e-15
L11.	1.82e-15	1.14e-16	15.99	0.000	1.59e-15	2.04e-15
L12.	-2.08e-15	8.85e-17	-23.51	0.000	-2.26e-15	-1.90e-15
L13.	1.12e-15	6.45e-17	17.40	0.000	9.93e-16	1.25e-15
L14.	.015	.0041574	3.61	0.001	.0067281	.0232719
_cons	.4722414	.0296181	15.94	0.000	.4133107	.5311721

```
.
. margins , at(ct16=(0 1) sah=(0 1))

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1

3._at        : ct16            =           1
               sah             =           0

4._at        : ct16            =           1
               sah             =           1
```

	Delta-method Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.4722414	.0296181	15.94	0.000	.4133107	.5311721
2	.4268247	.0300803	14.19	0.000	.3669743	.4866752
3	.1104167	.0032113	34.38	0.000	.1040272	.1168061
4	.065	.0041574	15.63	0.000	.0567281	.0732719

```
.
.
.
. reg trasta L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(2, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.7382
                                                Root MSE          =     .11747
```

trasta	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	-.2193103	.0213693	-10.26	0.000	-.2618285	-.1767922
L1.	-.03	1.13e-15	-2.7e+13	0.000	-.03	-.03
L2.	-.06	1.79e-15	-3.3e+13	0.000	-.06	-.06
L3.	.05	1.60e-15	3.1e+13	0.000	.05	.05
L4.	.02	1.47e-15	1.4e+13	0.000	.02	.02
L5.	.01	1.02e-15	9.8e+12	0.000	.01	.01
L6.	-.02	3.04e-16	-6.6e+13	0.000	-.02	-.02
L7.	-.01	2.72e-17	-3.7e+14	0.000	-.01	-.01
L8.	-.02	6.25e-16	-3.2e+13	0.000	-.02	-.02
L9.	-.02	1.40e-15	-1.4e+13	0.000	-.02	-.02
L10.	.01	1.24e-15	8.1e+12	0.000	.01	.01
L11.	.02	8.41e-16	2.4e+13	0.000	.02	.02
L12.	-.02	7.01e-16	-2.9e+13	0.000	-.02	-.02
L13.	.02	5.17e-16	3.9e+13	0.000	.02	.02
L14.	-.06875	.0039992	-17.19	0.000	-.0767072	-.0607928
sah						
--.	.00875	.0039992	2.19	0.032	.0007928	.0167072
L1.	.01	2.52e-17	4.0e+14	0.000	.01	.01
L2.	-.01	1.79e-16	-5.6e+13	0.000	-.01	-.01
L3.	.03	9.76e-17	3.1e+14	0.000	.03	.03
L4.	-.01	3.81e-17	-2.6e+14	0.000	-.01	-.01
L5.	.05	9.43e-17	5.3e+14	0.000	.05	.05
L6.	-.01	1.40e-16	-7.1e+13	0.000	-.01	-.01
L7.	-.17	4.79e-17	-3.5e+15	0.000	-.17	-.17
L8.	.01	1.61e-16	6.2e+13	0.000	.01	.01
L9.	1.20e-15	1.76e-16	6.84	0.000	8.53e-16	1.55e-15
L10.	.01	9.28e-17	1.1e+14	0.000	.01	.01
L11.	-9.22e-17	8.31e-17	-1.11	0.271	-2.58e-16	7.32e-17
L12.	.01	6.55e-17	1.5e+14	0.000	.01	.01
L13.	-.01	4.75e-17	-2.1e+14	0.000	-.01	-.01
L14.	.025	.0041574	6.01	0.000	.0167281	.0332719
_cons	.4893103	.0213693	22.90	0.000	.4467922	.5318285

```
.
. margins , at(ct16=(0 1) sah=(0 1))

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1

3._at        : ct16            =           1
               sah             =           0

4._at        : ct16            =           1
               sah             =           1
```

	Margin	Delta-method Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.4893103	.0213693	22.90	0.000	.4467922	.5318285
2	.4330603	.0221342	19.57	0.000	.3890202	.4771005
3	.15125	.0039992	37.82	0.000	.1432928	.1592072
4	.095	.0041574	22.85	0.000	.0867281	.1032719

```
.
.
.
. reg parper L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(2, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.7758
                                                Root MSE          =     .10422
```

parper	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	-.2336207	.0189509	-12.33	0.000	-.271327	-.1959144
L1.	-.04	1.00e-15	-4.0e+13	0.000	-.04	-.04
L2.	-.03	1.59e-15	-1.9e+13	0.000	-.03	-.03
L3.	.06	1.42e-15	4.2e+13	0.000	.06	.06
L4.	.01	1.30e-15	7.7e+12	0.000	.01	.01
L5.	.02	9.09e-16	2.2e+13	0.000	.02	.02
L6.	-.06	2.69e-16	-2.2e+14	0.000	-.06	-.06
L7.	.02	2.74e-17	7.3e+14	0.000	.02	.02
L8.	-.04	5.53e-16	-7.2e+13	0.000	-.04	-.04
L9.	1.26e-14	1.24e-15	10.12	0.000	1.01e-14	1.50e-14
L10.	.02	1.10e-15	1.8e+13	0.000	.02	.02
L11.	.01	7.46e-16	1.3e+13	0.000	.01	.01
L12.	-.01	6.22e-16	-1.6e+13	0.000	-.01	-.01
L13.	-.01	4.67e-16	-2.1e+13	0.000	-.01	-.01
L14.	-.0495833	.0038254	-12.96	0.000	-.0571946	-.0419721
sah						

--.	.0095833	.0038254	2.51	0.014	.0019721	.0171946
L1.	.01	2.35e-17	4.3e+14	0.000	.01	.01
L2.	5.57e-15	1.60e-16	34.93	0.000	5.25e-15	5.89e-15
L3.	-4.01e-15	8.85e-17	-45.29	0.000	-4.19e-15	-3.83e-15
L4.	2.71e-15	3.62e-17	74.96	0.000	2.64e-15	2.78e-15
L5.	.03	8.41e-17	3.6e+14	0.000	.03	.03
L6.	.02	1.25e-16	1.6e+14	0.000	.02	.02
L7.	-.16	4.42e-17	-3.6e+15	0.000	-.16	-.16
L8.	.01	1.43e-16	7.0e+13	0.000	.01	.01
L9.	2.21e-15	1.56e-16	14.17	0.000	1.90e-15	2.52e-15
L10.	-1.91e-16	8.24e-17	-2.31	0.023	-3.54e-16	-2.66e-17
L11.	.01	7.39e-17	1.4e+14	0.000	.01	.01
L12.	-3.58e-16	5.85e-17	-6.12	0.000	-4.74e-16	-2.41e-16
L13.	.01	4.23e-17	2.4e+14	0.000	.01	.01
L14.	.015	.0041574	3.61	0.001	.0067281	.0232719
_cons	.4836207	.0189509	25.52	0.000	.4459144	.521327

```
.
. margins , at(ct16=(0 1) sah=(0 1))

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1

3._at        : ct16            =           1
               sah             =           0

4._at        : ct16            =           1
               sah             =           1
```

	Delta-method Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.4836207	.0189509	25.52	0.000	.4459144	.521327
2	.438204	.0197751	22.16	0.000	.3988578	.4775502
3	.1504167	.0038254	39.32	0.000	.1428054	.1580279
4	.105	.0041574	25.26	0.000	.0967281	.1132719

```
.
.
```

```
.
. reg gropha L(0/14).ct16 L(0/14).sah, vce(robust)

Linear regression                               Number of obs     =        112
                                                F(2, 81)          =          .
                                                Prob > F          =          .
                                                R-squared         =     0.8520
                                                Root MSE          =     .11895
```

gropha	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
ct16						
--.	-.2774138	.0215087	-12.90	0.000	-.3202093	-.2346183
L1.	-.04	1.14e-15	-3.5e+13	0.000	-.04	-.04
L2.	-.07	1.82e-15	-3.9e+13	0.000	-.07	-.07
L3.	.06	1.64e-15	3.7e+13	0.000	.06	.06
L4.	.04	1.48e-15	2.7e+13	0.000	.04	.04
L5.	.12	1.06e-15	1.1e+14	0.000	.12	.12
L6.	-.22	3.48e-16	-6.3e+14	0.000	-.22	-.22
L7.	.08	2.96e-17	2.7e+15	0.000	.08	.08
L8.	-.07	6.43e-16	-1.1e+14	0.000	-.07	-.07
L9.	-.06	1.42e-15	-4.2e+13	0.000	-.06	-.06
L10.	.02	1.25e-15	1.6e+13	0.000	.02	.02
L11.	.05	8.47e-16	5.9e+13	0.000	.05	.05
L12.	-.02	7.06e-16	-2.8e+13	0.000	-.02	-.02
L13.	.01	5.65e-16	1.8e+13	0.000	.01	.01
L14.	-.0808333	.0070293	-11.50	0.000	-.0948195	-.0668472
sah						
--.	.0208333	.0070293	2.96	0.004	.0068472	.0348195
L1.	-3.20e-15	3.85e-17	-83.12	0.000	-3.28e-15	-3.13e-15
L2.	-.01	1.90e-16	-5.3e+13	0.000	-.01	-.01
L3.	.02	1.24e-16	1.6e+14	0.000	.02	.02
L4.	.11	6.50e-17	1.7e+15	0.000	.11	.11
L5.	.1	1.01e-16	9.9e+14	0.000	.1	.1
L6.	-.06	1.52e-16	-4.0e+14	0.000	-.06	-.06
L7.	-.45	6.93e-17	-6.5e+15	0.000	-.45	-.45
L8.	.01	1.62e-16	6.2e+13	0.000	.01	.01
L9.	.01	1.77e-16	5.6e+13	0.000	.01	.01
L10.	.02	9.41e-17	2.1e+14	0.000	.02	.02
L11.	.01	8.71e-17	1.1e+14	0.000	.01	.01
L12.	-3.04e-15	7.07e-17	-42.95	0.000	-3.18e-15	-2.90e-15
L13.	2.24e-15	5.05e-17	44.38	0.000	2.14e-15	2.34e-15
L14.	.035	.0041574	8.42	0.000	.0267281	.0432719
_cons	.7974138	.0215087	37.07	0.000	.7546183	.8402093

```
.
. margins , at(ct16=(0 1) sah=(0 1))

Predictive margins                              Number of obs     =        112
Model VCE    : Robust

Expression   : Linear prediction, predict()

1._at        : ct16            =           0
               sah             =           0

2._at        : ct16            =           0
               sah             =           1
```

```
3._at         : ct16            =           1
                sah             =           0

4._at         : ct16            =           1
                sah             =           1
```

	Delta-method					
	Margin	Std. Err.	t	P>|t|	[95% Conf.	Interval]
_at						
1	.7974138	.0215087	37.07	0.000	.7546183	.8402093
2	.6132471	.0230069	26.65	0.000	.5674706	.6590237
3	.3391667	.0070293	48.25	0.000	.3251805	.3531528
4	.155	.0041574	37.28	0.000	.1467281	.1632719

```
.
```