

```
. mixed CMEP_ Tx##time age_yr_0 sex_0 || ID: , nolog
```

Mixed-effects ML regression  
Group variable: ID

Number of obs = 471  
Number of groups = 175

Obs per group:  
min = 1  
avg = 2.7  
max = 3

Log likelihood = -1295.4745  
Wald chi2(7) = 135.90  
Prob > chi2 = 0.0000

CMEP_	Coef.	Std. Err.	z	P> z	[95% Conf. Interval]	
Tx						
TranS-C	-.3787526	.6542838	-0.58	0.563	-1.661125	.9036201
timepoint						
POST	1.83559	.4611028	3.98	0.000	.9318452	2.739335
FU6	2.341118	.4790332	4.89	0.000	1.40223	3.280006
Tx#timepoint						
TranS-C#POST	1.996845	.6517062	3.06	0.002	.7195247	3.274166
TranS-C#FU6	1.83574	.6723391	2.73	0.006	.517979	3.1535
age_yr_0	-.2895171	.1530096	-1.89	0.058	-.5894103	.0103762
sex_0	.3720777	.5668456	0.66	0.512	-.7389193	1.483075
_cons	25.58818	2.368881	10.80	0.000	20.94526	30.2311

Random-effects Parameters	Estimate	Std. Err.	[95% Conf. Interval]	
ID: Identity				
var(_cons)	10.15033	1.44713	7.675818	13.42257
var(Residual)	8.449383	.6901632	7.199412	9.916374

LR test vs. linear model: chibar2(01) = 126.82      Prob >= chibar2 = 0.0000

```
. contrast Tx#timepoint
```

Contrasts of marginal linear predictions

Margins : asbalanced

	df	chi2	P>chi2
CMEP_ Tx#timepoint	2	11.58	0.0031

```
. margins Tx#timepoint
```

Predictive margins      Number of obs = 471

Expression : Linear prediction, fixed portion, predict()

	Margin	Delta-method Std. Err.	z	P> z	[95% Conf. Interval]	
Tx#timepoint						
PE#PRE	21.5453	.4648897	46.34	0.000	20.63413	22.45647
PE#POST	23.38089	.4802547	48.68	0.000	22.43961	24.32217
PE#FU6	23.88642	.4975131	48.01	0.000	22.91131	24.86153
TranS-C#PRE	21.16655	.4600335	46.01	0.000	20.2649	22.0682
TranS-C#POST	24.99898	.4814572	51.92	0.000	24.05535	25.94262
TranS-C#FU6	25.34341	.4919951	51.51	0.000	24.37911	26.3077

```
. margins timepoint#Tx
```

```
Predictive margins                                Number of obs      =          471
```

```
Expression   : Linear prediction, fixed portion, predict()
```

	Delta-method		z	P> z	[95% Conf. Interval]	
	Margin	Std. Err.				
timepoint#Tx						
PRE#PE	21.5453	.4648897	46.34	0.000	20.63413	22.45647
PRE#Trans-C	21.16655	.4600335	46.01	0.000	20.2649	22.0682
POST#PE	23.38089	.4802547	48.68	0.000	22.43961	24.32217
POST#Trans-C	24.99898	.4814572	51.92	0.000	24.05535	25.94262
FU6#PE	23.88642	.4975131	48.01	0.000	22.91131	24.86153
FU6#Trans-C	25.34341	.4919951	51.51	0.000	24.37911	26.3077

```
. contrast timepoint@Tx
```

```
Contrasts of marginal linear predictions
```

```
Margins      : asbalanced
```

	df	chi2	P>chi2
CMEP_			
timepoint@Tx			
PE	2	27.62	0.0000
Trans-C	2	101.13	0.0000
Joint	4	128.70	0.0000

```
. contrast Tx@timepoint
```

```
Contrasts of marginal linear predictions
```

```
Margins      : asbalanced
```

	df	chi2	P>chi2
CMEP_			
Tx@timepoint			
PRE	1	0.34	0.5627
POST	1	5.66	0.0174
FU6	1	4.33	0.0374
Joint	3	13.60	0.0035

```
. contrast Tx@timepoint, pveffects nowald
```

```
Contrasts of marginal linear predictions
```

```
Margins      : asbalanced
```

	Contrast	Std. Err.	z	P> z
CMEP_				
Tx@timepoint				
(Trans-C vs base) PRE	-.3787526	.6542838	-0.58	0.563
(Trans-C vs base) POST	1.618093	.6803454	2.38	0.017
(Trans-C vs base) FU6	1.456987	.7000971	2.08	0.037

```
. contrast timepoint@Tx, pveffects
```

```
Contrasts of marginal linear predictions
```

```
Margins      : asbalanced
```



```
. margins Tx@timepoint, contrast(nowald pveffects)
```

Contrasts of predictive margins

Expression : Linear prediction, fixed portion, predict()

		Delta-method		
	Contrast	Std. Err.	z	P> z
Tx@timepoint				
(Trans-C vs base) PRE	-.3787526	.6542838	-0.58	0.563
(Trans-C vs base) POST	1.618093	.6803454	2.38	0.017
(Trans-C vs base) FU6	1.456987	.7000971	2.08	0.037

```
. contrast Tx@timepoint, pveffects
```

Contrasts of marginal linear predictions

Margins : asbalanced

	df	chi2	P>chi2
CMEP_			
Tx@timepoint			
PRE	1	0.34	0.5627
POST	1	5.66	0.0174
FU6	1	4.33	0.0374
Joint	3	13.60	0.0035

	Contrast	Std. Err.	z	P> z
CMEP_				
Tx@timepoint				
(Trans-C vs base) PRE	-.3787526	.6542838	-0.58	0.563
(Trans-C vs base) POST	1.618093	.6803454	2.38	0.017
(Trans-C vs base) FU6	1.456987	.7000971	2.08	0.037