Reformat

Installation

```
. net install reformat.pkg, from(http://fmwww.bc.edu/RePEc/bocode/r)
```

Usage

```
. sysuse auto
(1978 Automobile Data)

. xi:reg mpg price i.foreign
i.foreign         _Iforeign_0-1       (naturally coded; _Iforeign_0 omitted)

      Source |       SS       df       MS              Number of obs =      74
-------------+------------------------------           F(  2,    71) =   23.01
       Model |  960.866305     2  480.433152           Prob > F      =  0.0000
    Residual |  1482.59315    71  20.8815937           R-squared     =  0.3932
-------------+------------------------------           Adj R-squared =  0.3761
       Total |  2443.45946    73  33.4720474           Root MSE      =  4.5696

------------------------------------------------------------------------------
         mpg |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
       price |   -.000959   .0001815    -5.28   0.000     -.001321    -.000597
 _Iforeign_1 |   5.245271   1.163592     4.51   0.000     2.925135    7.565407
       _cons |   25.65058   1.271581    20.17   0.000     23.11512    28.18605
------------------------------------------------------------------------------
```

Default

```
. reformat

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------------
Covariate                     Coef.  Std. Err.     P>|t|    95% Conf. Interval
------------------------------------------------------------------------------
Price
  per unit                   -0.001      0.000    <0.001    (-0.001 to -0.001)
Car type
  Domestic*                       0
  Foreign                     5.245      1.164    <0.001      (2.925 to 7.565)
Constant                     25.651      1.272    <0.001    (23.115 to 28.186)
------------------------------------------------------------------------------
* Baseline category
```

Only estimates (e), 95%CIs (c) and p-values (p) shown

```
. reformat,out(ecp)

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------
Covariate                    Coef.    95% Conf. Interval     P>|t|
------------------------------------------------------------------------
Price
  per unit                  -0.001    (-0.001 to -0.001)    <0.001
Car type
  Domestic*                     0
  Foreign                   5.245      (2.925 to 7.565)    <0.001
Constant                   25.651    (23.115 to 28.186)    <0.001
------------------------------------------------------------------------
* Baseline category
```

Change default look of 95% CIs

```
. reformat,out(ecp) to(", ")

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------
Covariate                    Coef.    95% Conf. Interval     P>|t|
------------------------------------------------------------------------
Price
  per unit                  -0.001      (-0.001, -0.001)    <0.001
Car type
  Domestic*                     0
  Foreign                   5.245        (2.925, 7.565)    <0.001
Constant                   25.651      (23.115, 28.186)    <0.001
------------------------------------------------------------------------
* Baseline category
```

Reduce decimal places in coefficients

```
. reformat,out(ecp) to(", ") dpc(1)

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------
Covariate                    Coef.    95% Conf. Interval     P>|t|
------------------------------------------------------------------------
Price
  per unit                   -0.0          (-0.0, -0.0)    <0.001
Car type
  Domestic*                     0
  Foreign                     5.2            (2.9, 7.6)    <0.001
Constant                     25.7          (23.1, 28.2)    <0.001
------------------------------------------------------------------------
* Baseline category
```

Adding a multiplier characteristic to "price"

```
. char price[mult] 100

. reformat,out(ecp) to(", ") dpc(1)

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------
Covariate                    Coef.    95% Conf. Interval     P>|t|
------------------------------------------------------------------------
Price
  per 100 units               -0.1          (-0.1, -0.1)    <0.001
Car type
  Domestic*                      0
  Foreign                      5.2            (2.9, 7.6)    <0.001
Constant                      25.7          (23.1, 28.2)    <0.001
------------------------------------------------------------------------
* Baseline category
```

Adding a units characteristic to "price"

```
. char price[units] "US dollars"

. reformat,out(ecp) to(", ") dpc(1)

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
------------------------------------------------------------------------
Covariate                    Coef.    95% Conf. Interval     P>|t|
------------------------------------------------------------------------
Price
  per 100 US dollars          -0.1          (-0.1, -0.1)    <0.001
Car type
  Domestic*                      0
  Foreign                      5.2            (2.9, 7.6)    <0.001
Constant                      25.7          (23.1, 28.2)    <0.001
------------------------------------------------------------------------
* Baseline category
```

Using a delimiter for columns

```
. reformat,out(ecp) to(", ") dpc(1) del(@)

REGRESS formatted output

Outcome variable: mpg (Mileage (mpg)), n=74
Covariate@Coef.@95% Conf. Interval@P>|t|
Price
  per 100 US dollars@-0.1@(-0.1, -0.1)@<0.001
Car type
  Domestic*@0@@
  Foreign@5.2@(2.9, 7.6)@<0.001
Constant@25.7@(23.1, 28.2)@<0.001
* Baseline category
```

The previous output can be converted to a proper Word table
(Table->Convert->Text to Table->Separate text at "@")

Covariate	Coef.	95% Conf. Interval	P>|t|
Price			
per 100 US dollars	-0.1	(-0.1, -0.1)	<0.001
Car type			
Domestic*	0		
Foreign	5.2	(2.9, 7.6)	<0.001
Constant	25.7	(23.1, 28.2)	<0.001

* Baseline category

Covariate	**Coef.**	**95% Conf. Interval**	**p-value**
Price			
per 100 US dollars	-0.1	(-0.1, -0.1)	<0.001
Car type			
*Domestic**	0		
Foreign	5.2	(2.9, 7.6)	<0.001
Constant	25.7	(23.1, 28.2)	<0.001

* Baseline category

FOREACH

```
foreach var of varlist mpg headroom trunk weight length {
reg price `var'
noi reformat, out(ecp) to(", ") dpc(1)
}

foreach var of varlist foreign rep78 {
xi:  reg price i.`var'
noi reformat, out(ecp) to(", ") dpc(1)
}
```

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Mileage (mpg)			
per unit	-238.9	(-344.7, -133.1)	<0.001
Constant	11253.1	(8919.1, 13587.0)	<0.001

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Headroom (in.)			
per unit	399.2	(-414.5, 1212.9)	0.331
Constant	4970.3	(2440.6, 7500.0)	<0.001

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Trunk space (cu. ft.)			
per unit	216.7	(63.0, 370.5)	0.006
Constant	3183.5	(969.3, 5397.7)	0.005

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Weight (lbs.)			
per unit	2.0	(1.3, 2.8)	<0.001
Constant	-6.7	(-2347.9, 2334.5)	0.995

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Length (in.)			
per unit	57.2	(29.1, 85.3)	<0.001
Constant	-4584.9	(-9896.4, 726.6)	0.090

REGRESS formatted output

Outcome variable: price (Price), n=74

Covariate	Coef.	95% Conf. Interval	P>|t|
Car type			
Domestic*	0		
Foreign	312.3	(-1191.7, 1816.2)	0.680
Constant	6072.4	(5252.4, 6892.5)	<0.001

* Baseline category

REGRESS formatted output

Outcome variable: price (Price), n=69

Covariate	Coef.	95% Conf. Interval	P>|t|
Repair Record 1978			
1*	0		
2	1403.1	(-3303.7, 6109.9)	0.554
3	1864.7	(-2483.2, 6212.7)	0.395
4	1507.0	(-2930.6, 5944.6)	0.500
5	1348.5	(-3228.2, 5925.2)	0.558
Constant	4564.5	(354.6, 8774.4)	0.034

* Baseline category
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