```
                                                  ___  ____  ____  ____  ____(R)
                                                 /__    /   ____/   /   ____/
                                                ___/   /   /___/   /   /___/
                                                  Statistics/Data Analysis

                                                     User: bilanciamento
                                                  Project: sdfD

  ___  ____  ____  ____  ____ (R)
 /__    /   ____/   /   ____/
___/   /   /___/   /   /___/   14.0  Copyright 1985-2015 StataCorp LP
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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 "C:\Users\Admin\Desktop\big baloon\unive\Tesi\Stata\database_Giulia_Mancini.dta", clear

 2 . do "C:\Users\Admin\AppData\Local\Temp\STD00000000.tmp"

 3 . * Bilanciamento
 4 .
 5 . drop if dummy_obs1==1
   (16 observations deleted)

 6 .
 7 . generate NoDomNoMem=0

 8 . replace NoDomNoMem=1 if treat==1
   (152 real changes made)

 9 .
10 . generate YesDomNoMem=0

11 . replace YesDomNoMem=1 if treat==2
   (141 real changes made)

12 .
13 . generate NoDomPosMem=0

14 . replace NoDomPosMem=1 if treat==3
   (118 real changes made)

15 .
16 . generate YesDomPosMem=0

17 . replace YesDomPosMem=1 if treat==4
   (103 real changes made)

18 .
19 . generate NoDomNegMem=0

20 . replace NoDomNegMem=1 if treat==5
   (107 real changes made)
```

```
21 .
22 . generate YesDomNegMem=0

23 . replace YesDomNegMem=1 if treat==6
(108 real changes made)

24 .
25 . * female, age, family_economic_conditions, student
26 .
27 . sort treat

28 . by treat: sum female
```

-> treat = 1

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**152**	**.7236842**	**.4486531**	**0**	**1**

-> treat = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**141**	**.7163121**	**.4523943**	**0**	**1**

-> treat = 3

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**118**	**.7033898**	**.458711**	**0**	**1**

-> treat = 4

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**103**	**.7669903**	**.4248156**	**0**	**1**

-> treat = 5

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**107**	**.6261682**	**.4860966**	**0**	**1**

-> treat = 6

Variable	Obs	Mean	Std. Dev.	Min	Max
female	**108**	**.5740741**	**.4967879**	**0**	**1**

```
29 .
30 . regress female YesDomNoMem NoDomPosMem YesDomPosMem NoDomNegMem YesDomNegMem, robust

Linear regression                               Number of obs     =        729
                                                F(5, 723)         =       2.50
                                                Prob > F          =     0.0296
                                                R-squared         =     0.0178
                                                Root MSE          =     .46081
```

female	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
YesDomNoMem	-.0073722	.0527223	-0.14	0.889	-.1108792	.0961349
NoDomPosMem	-.0202944	.0557604	-0.36	0.716	-.1297661	.0891773
YesDomPosMem	.0433061	.0554616	0.78	0.435	-.0655789	.1521911
NoDomNegMem	-.097516	.0594333	-1.64	0.101	-.2141984	.0191664
YesDomNegMem	-.1496101	.0600773	-2.49	0.013	-.2675569	-.0316634
_cons	.7236842	.0364209	19.87	0.000	.6521809	.7951875

```
31 .
32 . test YesDomNoMem=NoDomPosMem

    ( 1)  YesDomNoMem - NoDomPosMem = 0

          F(  1,   723) =    0.05
               Prob > F =    0.8204

33 . test YesDomNoMem=YesDomPosMem

    ( 1)  YesDomNoMem - YesDomPosMem = 0

          F(  1,   723) =    0.80
               Prob > F =    0.3708

34 . test YesDomNoMem=NoDomNegMem

    ( 1)  YesDomNoMem - NoDomNegMem = 0

          F(  1,   723) =    2.22
               Prob > F =    0.1366

35 . test YesDomNoMem=YesDomNegMem

    ( 1)  YesDomNoMem - YesDomNegMem = 0

          F(  1,   723) =    5.42
               Prob > F =    0.0202

36 .
37 . test NoDomPosMem=YesDomPosMem

    ( 1)  NoDomPosMem - YesDomPosMem = 0

          F(  1,   723) =    1.15
               Prob > F =    0.2849

38 . test NoDomPosMem=NoDomNegMem

    ( 1)  NoDomPosMem - NoDomNegMem = 0

          F(  1,   723) =    1.50
               Prob > F =    0.2218

39 . test NoDomPosMem=YesDomNegMem

    ( 1)  NoDomPosMem - YesDomNegMem = 0

          F(  1,   723) =    4.11
               Prob > F =    0.0429
```

```
40 .
41 . test YesDomPosMem=NoDomNegMem

 ( 1)  YesDomPosMem - NoDomNegMem = 0

       F(  1,   723) =    5.01
            Prob > F =    0.0255

42 . test YesDomPosMem=YesDomNegMem

 ( 1)  YesDomPosMem - YesDomNegMem = 0

       F(  1,   723) =    9.23
            Prob > F =    0.0025

43 .
44 . test NoDomNegMem=YesDomNegMem

 ( 1)  NoDomNegMem - YesDomNegMem = 0

       F(  1,   723) =    0.60
            Prob > F =    0.4371

45 .
46 .
47 . sort treat

48 . by treat: sum age
```

-> treat = 1

Variable	Obs	Mean	Std. Dev.	Min	Max
age	152	37.79605	14.56083	18	76

-> treat = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
age	141	38.32624	14.31607	18	76

-> treat = 3

Variable	Obs	Mean	Std. Dev.	Min	Max
age	118	39.33051	15.55693	19	73

-> treat = 4

Variable	Obs	Mean	Std. Dev.	Min	Max
age	103	40.42718	15.28013	18	72

-> treat = 5

Variable	Obs	Mean	Std. Dev.	Min	Max
age	107	38.60748	15.04005	17	74

-> treat = 6

Variable	Obs	Mean	Std. Dev.	Min	Max
age	108	38.78704	14.74649	18	76

```
49 .
50 . regress age YesDomNoMem NoDomPosMem YesDomPosMem NoDomNegMem YesDomNegMem, robust

Linear regression                               Number of obs     =        729
                                                F(5, 723)         =       0.44
                                                Prob > F          =     0.8218
                                                R-squared         =     0.0031
                                                Root MSE          =      14.88

------------------------------------------------------------------------------
             |               Robust
         age |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  YesDomNoMem |   .5301885   1.688902     0.31   0.754    -2.785549    3.845926
  NoDomPosMem |   1.534456   1.856791     0.83   0.409    -2.110889    5.179801
 YesDomPosMem |   2.631132   1.913274     1.38   0.169    -1.125104    6.387368
  NoDomNegMem |    .811424   1.873191     0.43   0.665     -2.86612    4.488968
 YesDomNegMem |   .9909844   1.846238     0.54   0.592    -2.633644    4.615613
        _cons |   37.79605   1.182022    31.98   0.000     35.47545    40.11666
------------------------------------------------------------------------------

51 .
52 . test YesDomNoMem=NoDomPosMem

 ( 1)  YesDomNoMem - NoDomPosMem = 0

       F(  1,   723) =    0.29
            Prob > F =    0.5919

53 . test YesDomNoMem=YesDomPosMem

 ( 1)  YesDomNoMem - YesDomPosMem = 0

       F(  1,   723) =    1.19
            Prob > F =    0.2763

54 . test YesDomNoMem=NoDomNegMem

 ( 1)  YesDomNoMem - NoDomNegMem = 0

       F(  1,   723) =    0.02
            Prob > F =    0.8817

55 . test YesDomNoMem=YesDomNegMem

 ( 1)  YesDomNoMem - YesDomNegMem = 0

       F(  1,   723) =    0.06
            Prob > F =    0.8046

56 .
57 . test NoDomPosMem=YesDomPosMem

 ( 1)  NoDomPosMem - YesDomPosMem = 0

       F(  1,   723) =    0.28
            Prob > F =    0.5977

58 . test NoDomPosMem=NoDomNegMem

 ( 1)  NoDomPosMem - NoDomNegMem = 0

       F(  1,   723) =    0.13
            Prob > F =    0.7231
```

```
59 . test NoDomPosMem=YesDomNegMem

 ( 1)  NoDomPosMem - YesDomNegMem = 0

       F(  1,   723) =    0.07
            Prob > F =    0.7875

60 .
61 . test YesDomPosMem=NoDomNegMem

 ( 1)  YesDomPosMem - NoDomNegMem = 0

       F(  1,   723) =    0.76
            Prob > F =    0.3846

62 . test YesDomPosMem=YesDomNegMem

 ( 1)  YesDomPosMem - YesDomNegMem = 0

       F(  1,   723) =    0.63
            Prob > F =    0.4279

63 .
64 . test NoDomNegMem=YesDomNegMem

 ( 1)  NoDomNegMem - YesDomNegMem = 0

       F(  1,   723) =    0.01
            Prob > F =    0.9296

65 .
66 .
67 . sort treat

68 . by treat: sum family_economic_conditions
```

-> treat = 1

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	152	3.177632	.6208515	1	5

-> treat = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	141	3.141844	.6162277	1	5

-> treat = 3

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	118	3.127119	.5926416	1	4

-> treat = 4

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	103	3.15534	.5900695	2	5

-> treat = 5

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	107	3.102804	.6284839	1	5

-> treat = 6

Variable	Obs	Mean	Std. Dev.	Min	Max
family_eco~s	108	3.25	.6430796	2	5

```
69 .
70 . regress family_economic_conditions YesDomNoMem NoDomPosMem YesDomPosMem NoDomNegMem YesDomNeg

Linear regression                               Number of obs     =        729
                                                F(5, 723)         =       0.72
                                                Prob > F          =     0.6070
                                                R-squared         =     0.0053
                                                Root MSE          =     .61572

------------------------------------------------------------------------------
             |               Robust
family_eco~s |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
 YesDomNoMem |  -.0357876   .0723628    -0.49   0.621    -.177854    .1062788
 NoDomPosMem |  -.0505129   .0742689    -0.68   0.497    -.1963213   .0952955
YesDomPosMem |  -.0222918   .0769122    -0.29   0.772    -.1732897   .1287062
 NoDomNegMem |  -.0748278   .0789144    -0.95   0.343    -.2297566   .0801009
YesDomNegMem |   .0723684    .079783     0.91   0.365    -.0842656   .2290025
       _cons |   3.177632   .0503996    63.05   0.000     3.078685   3.276579
------------------------------------------------------------------------------

71 .
72 . test YesDomNoMem=NoDomPosMem

 ( 1)  YesDomNoMem - NoDomPosMem = 0

       F(  1,    723) =    0.04
            Prob > F =    0.8450

73 . test YesDomNoMem=YesDomPosMem

 ( 1)  YesDomNoMem - YesDomPosMem = 0

       F(  1,    723) =    0.03
            Prob > F =    0.8625

74 . test YesDomNoMem=NoDomNegMem

 ( 1)  YesDomNoMem - NoDomNegMem = 0

       F(  1,    723) =    0.24
            Prob > F =    0.6253

75 . test YesDomNoMem=YesDomNegMem

 ( 1)  YesDomNoMem - YesDomNegMem = 0

       F(  1,    723) =    1.79
            Prob > F =    0.1809

76 .
77 . test NoDomPosMem=YesDomPosMem

 ( 1)  NoDomPosMem - YesDomPosMem = 0

       F(  1,    723) =    0.13
            Prob > F =    0.7234
```

```
78 . test NoDomPosMem=NoDomNegMem

 ( 1)  NoDomPosMem - NoDomNegMem = 0

       F(  1,   723) =    0.09
            Prob > F =    0.7659

79 . test NoDomPosMem=YesDomNegMem

 ( 1)  NoDomPosMem - YesDomNegMem = 0

       F(  1,   723) =    2.22
            Prob > F =    0.1366

80 .
81 . test YesDomPosMem=NoDomNegMem

 ( 1)  YesDomPosMem - NoDomNegMem = 0

       F(  1,   723) =    0.39
            Prob > F =    0.5321

82 . test YesDomPosMem=YesDomNegMem

 ( 1)  YesDomPosMem - YesDomNegMem = 0

       F(  1,   723) =    1.24
            Prob > F =    0.2650

83 .
84 . test NoDomNegMem=YesDomNegMem

 ( 1)  NoDomNegMem - YesDomNegMem = 0

       F(  1,   723) =    2.88
            Prob > F =    0.0899

85 .
86 .
87 . sort treat

88 . by treat: sum student
```

-> treat = 1

Variable	Obs	Mean	Std. Dev.	Min	Max
student	152	.3026316	.4609158	0	1

-> treat = 2

Variable	Obs	Mean	Std. Dev.	Min	Max
student	141	.248227	.4335242	0	1

-> treat = 3

Variable	Obs	Mean	Std. Dev.	Min	Max
student	118	.2457627	.4323745	0	1

-> treat = 4

Variable	Obs	Mean	Std. Dev.	Min	Max
student	103	.2135922	.4118463	0	1

-> treat = 5

Variable	Obs	Mean	Std. Dev.	Min	Max
student	**107**	**.2056075**	**.4060467**	**0**	**1**

-> treat = 6

Variable	Obs	Mean	Std. Dev.	Min	Max
student	**108**	**.2314815**	**.4237457**	**0**	**1**

```
89 .
90 . regress student YesDomNoMem NoDomPosMem YesDomPosMem NoDomNegMem YesDomNegMem, robust

Linear regression                               Number of obs     =        729
                                                F(5, 723)         =       0.82
                                                Prob > F          =     0.5385
                                                R-squared         =     0.0059
                                                Root MSE          =     .43092
```

student	Coef.	Robust Std. Err.	t	P>|t|	[95% Conf.	Interval]
YesDomNoMem	**-.0544046**	**.0522919**	**-1.04**	**0.299**	**-.1570667**	**.0482575**
NoDomPosMem	**-.0568689**	**.054625**	**-1.04**	**0.298**	**-.1641115**	**.0503737**
YesDomPosMem	**-.0890393**	**.0551751**	**-1.61**	**0.107**	**-.197362**	**.0192833**
NoDomNegMem	**-.0970241**	**.0542137**	**-1.79**	**0.074**	**-.2034592**	**.009411**
YesDomNegMem	**-.0711501**	**.055325**	**-1.29**	**0.199**	**-.1797669**	**.0374667**
_cons	**.3026316**	**.0374163**	**8.09**	**0.000**	**.229174**	**.3760892**

```
91 .
92 . test YesDomNoMem=NoDomPosMem

 ( 1)  YesDomNoMem - NoDomPosMem = 0

       F(  1,   723) =    0.00
            Prob > F =    0.9636

93 . test YesDomNoMem=YesDomPosMem

 ( 1)  YesDomNoMem - YesDomPosMem = 0

       F(  1,   723) =    0.40
            Prob > F =    0.5259

94 . test YesDomNoMem=NoDomNegMem

 ( 1)  YesDomNoMem - NoDomNegMem = 0

       F(  1,   723) =    0.63
            Prob > F =    0.4268

95 . test YesDomNoMem=YesDomNegMem

 ( 1)  YesDomNoMem - YesDomNegMem = 0

       F(  1,   723) =    0.09
            Prob > F =    0.7597
```

```
 96 .
 97 . test NoDomPosMem=YesDomPosMem

     ( 1)  NoDomPosMem - YesDomPosMem = 0

           F(  1,   723) =    0.32
                Prob > F =    0.5714

 98 . test NoDomPosMem=NoDomNegMem

     ( 1)  NoDomPosMem - NoDomNegMem = 0

           F(  1,   723) =    0.52
                Prob > F =    0.4727

 99 . test NoDomPosMem=YesDomNegMem

     ( 1)  NoDomPosMem - YesDomNegMem = 0

           F(  1,   723) =    0.06
                Prob > F =    0.8021

100 .
101 . test YesDomPosMem=NoDomNegMem

     ( 1)  YesDomPosMem - NoDomNegMem = 0

           F(  1,   723) =    0.02
                Prob > F =    0.8875

102 . test YesDomPosMem=YesDomNegMem

     ( 1)  YesDomPosMem - YesDomNegMem = 0

           F(  1,   723) =    0.10
                Prob > F =    0.7558

103 .
104 . test NoDomNegMem=YesDomNegMem

     ( 1)  NoDomNegMem - YesDomNegMem = 0

           F(  1,   723) =    0.21
                Prob > F =    0.6475

105 .
    end of do-file

106 .
```