```
          | mean(ithpc)
      name:  <unnamed>
       log:  D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/log_solucion.smcl
  log type:  smcl
 opened on:  12 Nov 2024, 22:19:58

 1 .
 2 . *-------------------------------------------------------------------------------*
 3 . **# PREGUNTA 1
 4 . *-------------------------------------------------------------------------------*
 5 .
 6 .         preserve

 7 .                 version 16: table educ_max [w=f_calib3], c(mean ithpc) replace
(frequency weights assumed)

_____________________________
EducaciónMáxima(padre/ma |
dre)                     |
                         |
            mean(ithpc)
_____________________________
         0 |    2631.842
      Prii |    3217.913
      Pric |    4321.002
      Seci |    4565.452
      Secc |    5867.375
      Supi |    6512.124
      Supc |     7559.41
_____________________________

 8 .         restore

 9 .
10 .         preserve

11 .                 version 16: table mujer educ_max [w=f_calib3], c(mean ithpc) replace
(frequency weights assumed)

_____________________________________________________________________________
=1 si es                    Educación Máxima (padre/madre)
mujer          0      Prii      Pric      Seci      Secc      Supi      Supc
_____________________________________________________________________________
   Hombre  2770.375  3444.299  4560.158  4954.127  6170.864  8510.197  7834.688
    Mujer  2509.781  3041.968  4119.266  4270.687  5591.159  4987.995   7314.08
_____________________________________________________________________________

12 .         restore

13 .
14 .         preserve

15 .                 version 16: table etnia educ_max [w=f_calib3], c(mean ithpc) replace
(frequency weights assumed)

_____________________________________________________________________________
=1 si es
descenden
cia de
pueblo
indígena(originar |
io) o
afrodesce
ndiente                     Educación Máxima (padre/madre)
               0      Prii      Pric      Seci      Secc      Supi      Supc
_____________________________________________________________________________
           0  2719.155  3160.641  4323.504  4554.646  5846.835  6619.009  7594.623
           1  1860.485  3682.946      3424  4025.387  6622.486  4190.081  6990.502
_____________________________________________________________________________
```

```
16 .         restore

17 .
18 .
19 . *------------------------------------------------------------------------------*
20 . **# PREGUNTA 2: Estimación paramétrica
21 . *------------------------------------------------------------------------------*
22 . * Obtenemos las distribución predichas para cada tipo
23 .
24 . * Sexo
25 .         reg lipcf mujer [pw = f_calib3], robust
(sum of wgt is 11,765,730)

Linear regression                               Number of obs     =      8,093
                                                F(1, 8091)        =       9.09
                                                Prob > F          =     0.0026
                                                R-squared         =     0.0023
                                                Root MSE          =     .84247

------------------------------------------------------------------------------
             |               Robust
       lipcf |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
       mujer |  -.0817738   .0271212    -3.02   0.003    -.1349383   -.0286093
       _cons |   8.154023   .0198115   411.58   0.000     8.115188    8.192859
------------------------------------------------------------------------------

26 .         predict yhat1, xb
(1 missing value generated)

27 .         replace yhat1 = exp(yhat1)
(8,093 real changes made)

28 .
29 . *Sexo etnia
30 .         reg lipcf mujer etnia [pw = f_calib3], robust
(sum of wgt is 11,479,266)

Linear regression                               Number of obs     =      7,921
                                                F(2, 7918)        =       5.50
                                                Prob > F          =     0.0041
                                                R-squared         =     0.0042
                                                Root MSE          =     .84426

------------------------------------------------------------------------------
             |               Robust
       lipcf |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
       mujer |  -.0796714   .0276241    -2.88   0.004     -.133822   -.0255209
       etnia |  -.1645667   .0972856    -1.69   0.091    -.3552722    .0261387
       _cons |   8.155887   .0201591   404.58   0.000      8.11637    8.195404
------------------------------------------------------------------------------

31 .         predict yhat2, xb
(173 missing values generated)

32 .         replace yhat2 = exp(yhat2)
(7,921 real changes made)

33 .
```

```
34 . *Sexo etnia educación
35 .         reg lipcf mujer etnia i.educ_max [pw = f_calib3], robust
(sum of wgt is 10,533,253)

Linear regression                               Number of obs     =      7,204
                                                F(8, 7195)        =      59.27
                                                Prob > F          =     0.0000
                                                R-squared         =     0.1201
                                                Root MSE          =     .78984

------------------------------------------------------------------------------
             |               Robust
       lipcf |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
       mujer |   -.0999219   .0272093    -3.67   0.000    -.1532601   -.0465838
       etnia |   -.1174227   .0905422    -1.30   0.195    -.2949121    .0600666
             |
    educ_max |
        Prii |    .1937873   .0653441     2.97   0.003     .0656936     .321881
        Pric |    .4862541   .0612095     7.94   0.000     .3662655    .6062427
        Seci |    .5375194   .0751022     7.16   0.000     .3902969    .6847418
        Secc |    .7859892   .0665408    11.81   0.000     .6555497    .9164287
        Supi |    .8608942   .1210352     7.11   0.000     .6236296    1.098159
        Supc |    1.070605   .0698341    15.33   0.000     .9337094     1.2075
             |
       _cons |    7.639334   .0591788   129.09   0.000     7.523327    7.755342
------------------------------------------------------------------------------

36 .         predict yhat3, xb
(890 missing values generated)

37 .         replace yhat3 = exp(yhat3)
(7,204 real changes made)

38 .
39 . *Sexo etnia educación lugar de nacimiento
40 .         reg lipcf mujer etnia i.educ_max i.nacimiento [pw = f_calib3], robust
(sum of wgt is 10,312,109)

Linear regression                               Number of obs     =      7,059
                                                F(16, 7042)       =      76.69
                                                Prob > F          =     0.0000
                                                R-squared         =     0.2217
                                                Root MSE          =      .7452

------------------------------------------------------------------------------
             |               Robust
       lipcf |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
       mujer |   -.0880466   .0258843    -3.40   0.001    -.1387876   -.0373056
       etnia |   -.1652939   .0870294    -1.90   0.058    -.3358978      .00531
             |
    educ_max |
        Prii |    .1298067   .0584078     2.22   0.026     .0153098    .2443035
        Pric |    .3375426   .0547517     6.16   0.000     .2302127    .4448725
        Seci |    .4081943   .0696803     5.86   0.000     .2716001    .5447886
        Secc |    .6277345   .0591486    10.61   0.000     .5117854    .7436835
        Supi |    .6870699   .1128652     6.09   0.000     .4658201    .9083197
        Supc |    .8523873   .0658155    12.95   0.000     .7233691    .9814054
             |
  nacimiento |
        CABA |    .2816836    .051273     5.49   0.000     .1811731     .382194
        Cuyo |   -.5553123     .04541   -12.23   0.000    -.6443295    -.466295
    Pampeana |   -.1477818   .0518477    -2.85   0.004     -.249419   -.0461447
      Centro |   -.2668333   .0429205    -6.22   0.000    -.3509704   -.1826961
         NEA |   -.5827261    .049774   -11.71   0.000    -.6802981   -.4851542
         NOA |   -.6525561   .0482561   -13.52   0.000    -.7471526   -.5579596
  Patagonia |    .0231305   .0626369     0.37   0.712    -.0996567    .1459178
  Otro Pais |   -.0830992   .0646172    -1.29   0.198    -.2097683    .0435699
             |
       _cons |    7.993755    .061454   130.08   0.000     7.873287    8.114224
------------------------------------------------------------------------------
```

```
41 .         predict yhat4, xb
(1,035 missing values generated)

42 .         replace yhat4 = exp(yhat4)
(7,059 real changes made)

43 .
44 . * Calculamos el Gini con las distribuciones predichas
45 .
46 .         gini yhat1 [w = f_calib3], reps(200) bs
(frequency weights assumed)

gini yhat1 = 0.0204

Bootstraping...

Command:      hacebs_gini yhat1 , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                            Number of obs    =      8093
                                                Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .0203924 -6.30e-06  .0000331   .0203272   .0204576   (N)
               |                                      .0203098   .0204376   (P)
               |                                      .0203227   .0204402  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected

47 .         local gini_yhat1 = r(gini)

48 .
49 .         gini yhat2 [w = f_calib3], reps(200) bs
(frequency weights assumed)

gini yhat2 = 0.0258

Bootstraping...

Command:      hacebs_gini yhat2 , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                            Number of obs    =      7921
                                                Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .0257659 -.0000618  .0005185   .0247434   .0267885   (N)
               |                                      .0248103   .0269662   (P)
               |                                      .0249473   .0271095  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected
```

```
50 .         local gini_yhat2 = r(gini)

51 .
52 .         gini yhat3 [w = f_calib3], reps(200) bs
(frequency weights assumed)

gini yhat3 = 0.1645

Bootstraping...

Command:      hacebs_gini yhat3 , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                              Number of obs    =      7204
                                                  Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .1645212 -.0000191  .0020269   .1605242   .1685182   (N)
               |                                       .1605499   .1688152   (P)
               |                                       .1604564    .168779  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected

53 .         local gini_yhat3 = r(gini)

54 .
55 .         gini yhat4 [w = f_calib3], reps(200) bs
(frequency weights assumed)

gini yhat4 = 0.2232

Bootstraping...

Command:      hacebs_gini yhat4 , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                              Number of obs    =      7059
                                                  Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .2231938  .0001296  .0026014    .218064   .2283236   (N)
               |                                      .2186297   .2289707   (P)
               |                                       .218549     .22863  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected

56 .         local gini_yhat4 = r(gini)

57 .
58 . * La desigualdad de oportunidades es:
59 . * Recordemos que esto es una medida absoluta para cada grupo
60 .
```

```
61 .         di " D. de oportunidades (sexo) =" `gini_yhat1'
 D. de oportunidades (sexo) =.02039238

62 .         di " D. de oportunidades (sexo y etnia) =" `gini_yhat2'
 D. de oportunidades (sexo y etnia) =.02576592

63 .         di " D. de oportunidades (sexo, etnia y educación) =" `gini_yhat3'
 D. de oportunidades (sexo, etnia y educación) =.16452119

64 .         di " D. de oportunidades (sexo, etnia, educacion y region de nacimiento) =" `
> gini_yhat4'
 D. de oportunidades (sexo, etnia, educacion y region de nacimiento) =.22319378

65 .
66 . * Ahora calculamos cúanto de esta desigualdad es producto de la desigualdad de oportu
> nidades.
67 .
68 . * Para ello, calculamos la desigualdad total:
69 .
70 .         gini ithpc [w = f_calib3], reps(200) bs
(frequency weights assumed)

gini ithpc = 0.4387

Bootstraping...

Command:      hacebs_gini ithpc , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                            Number of obs    =      8094
                                                Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .4386865  .0002071  .0047919   .4292371   .4481358   (N)
               |                                      .4291596    .448199   (P)
               |                                      .4290788   .4480922  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected

71 .         local gini_ipcf = r(gini)

72 .
73 . * Calculamos la desigualdad relativa
74 .
75 .         di " D. de oportunidades relativa (sexo) =" `gini_yhat1'/`gini_ipcf'
 D. de oportunidades relativa (sexo) =.0464851

76 .         di " D. de oportunidades relativa (sexo y etnia) =" `gini_yhat2'/`gini_ipcf'
 D. de oportunidades relativa (sexo y etnia) =.05873426

77 .         di " D. de oportunidades relativa (sexo, etnia y educación) =" `gini_yhat3'/`
> gini_ipcf'
 D. de oportunidades relativa (sexo, etnia y educación) =.37503138

78 .         di " D. de oportunidades relativa (sexo, etnia, educacion y region de nacimie
> nto) =" `gini_yhat4'/`gini_ipcf'
 D. de oportunidades relativa (sexo, etnia, educacion y region de nacimiento) =.5087774
> 7
```

```
 79 .
 80 .         drop yhat1 yhat2 yhat3

 81 .         rename yhat4 yhat

 82 . *-------------------------------------------------------------------------------*
 83 . **# PREGUNTA 3: Estimación NO paramétrica
 84 . *-------------------------------------------------------------------------------*
 85 .
 86 .         gen ipcf2 = .
(8,094 missing values generated)

 87 .
 88 . * Iteramos por cada uno de los posibles grupos. Recordemos la madlcion de la dimensio
> nalidad como el mayor problema. Intensivo en datos.
 89 .         qui {

 90 .
 91 . * Gini de yhat
 92 .         gini ipcf2 [w=f_calib3], reps(200) bs
(frequency weights assumed)

gini ipcf2 = 0.2278

Bootstraping...

Command:      hacebs_gini ipcf2 , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                            Number of obs    =      6684
                                                Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .2278131 -.0001601  .0026876   .2225134   .2331129   (N)
               |                                      .2222639   .2327324   (P)
               |                                      .2223309   .2327451  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected

 93 .         local gini_ipcf2 = r(gini)

 94 .
 95 . *  Desigualdad de oportunidades:
 96 .
 97 .         di " D. de oportunidades (no parametrica) =" `gini_ipcf2'
 D. de oportunidades (no parametrica) =.22781313

 98 .         di " D. de oportunidades (parametrica) =" `gini_yhat4'
 D. de oportunidades (parametrica) =.22319378

 99 .
100 . * Desigualdad de oportunidades relativa:
101 .
102 .         di " D. de oportunidades relativa (no parametrica) =" `gini_ipcf2'/`gini_ipcf
> '
 D. de oportunidades relativa (no parametrica) =.51930742
```

```
103 .         di " D. de oportunidades relativa (parametrica) =" `gini_yhat4'/`gini_ipcf'
 D. de oportunidades relativa (parametrica) =.50877747

104 .
105 . *Botton line:  NO hay mucha diferencia entre la esti,ación paramétrica y no parametri
    > ca.
106 .
107 . *-------------------------------------------------------------------------------*
108 . **# PREGUNTA 4
109 . *-------------------------------------------------------------------------------*
110 .
111 .         gen gini_iop = .
(8,094 missing values generated)

112 .         gen gini_iop_se = .
(8,094 missing values generated)

113 .         gen gini_t =.
(8,094 missing values generated)

114 .
115 .
116 . * Por regiones:
117 .
118 .         forval i = 1(1)8 {
  2.                 gini yhat [w=f_calib3] if region == `i', reps(200) bs
  3.                 replace gini_iop = r(gini) if region == `i'
  4.                 replace gini_iop_se = _se[_bs_1] if region == `i'
  5.
119 .                 /* Para la desigualdad relativa*/
120 .                 gini ithpc [w = f_calib3] if region == `i'
  6.                 replace gini_t = r(gini) if region == `i'
  7.         }
(frequency weights assumed)

gini yhat = 0.1616

Bootstraping...

Command:      hacebs_gini yhat , w(f_calib3)
Statistic:    _bs_1      = r(gini)

Bootstrap statistics                              Number of obs    =       767
                                                  Replications     =       200

------------------------------------------------------------------------------
Variable       |  Reps  Observed      Bias  Std. err. [95% conf. interval]
---------------+--------------------------------------------------------------
       _bs_1   |   200  .1616036 -.0005004  .0058121   .1501423   .1730649   (N)
               |                                      .1484157   .1716983   (P)
               |                                      .1489325   .1716983  (BC)
------------------------------------------------------------------------------
Key:  N: Normal
      P: Percentile
     BC: Bias-corrected
(858 real changes made)
(858 real changes made)
(frequency weights assumed)

gini ithpc = 0.3779
(858 real changes made)
(frequency weights assumed)

gini yhat = 0.1741

Bootstraping...

Command:      hacebs_gini yhat , w(f_calib3)
Statistic:    _bs_1      = r(gini)
```

Bootstrap statistics Number of obs = **528**
Replications = **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1740535**	**-.0007056**	**.0063229**	**.161585**	**.1865221**	(N)
					.1608472	**.1850497**	(P)
					.1624575	**.1878958**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(626 real changes made)
(626 real changes made)
(frequency weights assumed)

gini ithpc = 0.3700
(626 real changes made)
(frequency weights assumed)

gini yhat = 0.1653

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1 = r(gini)

Bootstrap statistics Number of obs = **1011**
Replications = **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.165252**	**.0006435**	**.0048648**	**.1556588**	**.1748451**	(N)
					.1572109	**.1745986**	(P)
					.1566193	**.173879**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(1,130 real changes made)
(1,130 real changes made)
(frequency weights assumed)

gini ithpc = 0.3979
(1,130 real changes made)
(frequency weights assumed)

gini yhat = 0.1469

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1 = r(gini)

Bootstrap statistics Number of obs = **944**
Replications = **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1469148**	**-.0001367**	**.0052242**	**.1366129**	**.1572168**	(N)
					.1359697	**.1568296**	(P)
					.13623	**.1568864**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(1,079 real changes made)
(1,079 real changes made)
(frequency weights assumed)

gini ithpc = 0.4093
(1,079 real changes made)
(frequency weights assumed)

gini yhat = 0.1509

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1   = r(gini)

Bootstrap statistics   Number of obs   =   **1560**
                                                Replications   =   **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1509173**	**.0000143**	**.0040166**	**.1429968**	**.1588378**	(N)
					.1430798	**.1583983**	(P)
					.14359	**.1588081**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(1,744 real changes made)
(1,744 real changes made)
(frequency weights assumed)

gini ithpc = 0.4164
(1,744 real changes made)
(frequency weights assumed)

gini yhat = 0.1632

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1   = r(gini)

Bootstrap statistics   Number of obs   =   **632**
                                                Replications   =   **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1632126**	**-.0002862**	**.0066052**	**.1501874**	**.1762378**	(N)
					.1497478	**.1757122**	(P)
					.149469	**.1754162**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(707 real changes made)
(707 real changes made)
(frequency weights assumed)

gini ithpc = 0.4371
(707 real changes made)
(frequency weights assumed)

gini yhat = 0.1820

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1   = r(gini)

Bootstrap statistics   Number of obs   =   **975**
                                                Replications   =   **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1819828**	**-.0009789**	**.0064694**	**.1692253**	**.1947402**	(N)
					.1691756	**.1954676**	(P)
					.169954	**.1963237**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(1,177 real changes made)
(1,177 real changes made)
(frequency weights assumed)

gini ithpc = 0.4192
(1,177 real changes made)
(frequency weights assumed)

gini yhat = 0.1777

Bootstraping...

Command: hacebs_gini yhat , w(f_calib3)
Statistic: _bs_1   = r(gini)

Bootstrap statistics   Number of obs   =   **642**
                                              Replications   =   **200**

Variable	Reps	Observed	Bias	Std. err.	[95% conf.	interval]	
_bs_1	**200**	**.1777219**	**-.0010073**	**.0062982**	**.1653021**	**.1901418**	(N)
					.1648724	**.189433**	(P)
					.167202	**.1907987**	(BC)

Key: N: Normal
      P: Percentile
     BC: Bias-corrected
(773 real changes made)
(773 real changes made)
(frequency weights assumed)

gini ithpc = 0.4566
(773 real changes made)

```
121 .
122 . preserve

123 .         version 16: table region, c(mean gini_iop mean gini_iop_se) replace
```

region	mean(gini_iop)	mean(gini_i~e)
GBA	**.1616036**	**.0058121**
CABA	**.1740535**	**.0063229**
Cuyo	**.165252**	**.0048648**
Pampeana	**.1469148**	**.0052242**
Centro	**.1509173**	**.0040166**
NEA	**.1632126**	**.0066052**
NOA	**.1819828**	**.0064694**
Patagonia	**.1777219**	**.0062982**

```
124 .         serrbar table1 table2 region, ///
    >                 scale(2) ytitle("Desigualdad de Oportunidades") xtitle("") xlabel(1(1
    > )8, valuelabel) ///
    >                 ylabel(, angle(horizontal)) legend(position(6)) scale(1.3)

125 .         graph export "${output}/iop_region.pdf", replace
    file D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/output/iop_region.pdf saved as
        PDF format

126 .         graph export "${output}/iop_region.png", replace
    file D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/output/iop_region.png saved as
        PNG format

127 . restore

128 .
129 . *------------------------------------------------------------------------------*
130 . **# PREGUNTA 5
131 . *------------------------------------------------------------------------------*
132 .
133 . *Gini relativo
134 .
135 .         gen gini_r = gini_iop/gini_t

136 .
137 . preserve

138 .         version 16: table region, c(mean gini_r) replace
```

region	mean(gini_r)
GBA	**.4276724**
CABA	**.4703675**
Cuyo	**.4153107**
Pampeana	**.3589037**
Centro	**.3624235**
NEA	**.3734377**
NOA	**.4340938**
Patagonia	**.3892498**

```
139 .         replace table1 = table1*100
    (8 real changes made)

140 .         graph hbar table1, over(region) ytitle("Desigualdad Relativa(%)") ///
    >                 ylabel(, angle(horizontal)) legend(position(6)) scale(1.3)

141 .         graph export "${output}/iop_region_relativa.pdf", replace
    file D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/output/iop_region_relativa.pdf
        saved as PDF format

142 .         graph export "${output}/iop_region_relativa.png", replace
    file D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/output/iop_region_relativa.png
        saved as PNG format

143 . restore

144 .
145 . log close _all
          name:  <unnamed>
           log:  D:\UNLP_Maeco\Distribucion\TP-Distribucion\TP5/log_solucion.smcl
      log type:  smcl
     closed on:  12 Nov 2024, 22:20:08
-------------------------------------------------------------------------------
```