```
      name:  <unnamed>
       log:  /Users/Marco/Google Drive/HEC/empi/proj/log.smcl
  log type:  smcl
 opened on:   7 Jun 2015, 12:38:58

 1 . use "/Users/Marco/Google Drive/HEC/empi/proj/db.dta", clear

 2 .
 3 .
 4 . //label list cours_id
 5 .
 6 . ** drops people
 7 . ** quantiles
 8 . egen n = count(note), by(cours legal_year)

 9 . egen i = rank(note),  by(cours legal_year) field

10 . gen quant = 1-(i-1)/n

11 . drop n i

12 .
13 .
14 . ** ponderated over all years
15 . gen ponderated = CR * quant

16 . egen summed = sum(ponderated), by(ID)

17 . gen quant_moyenne = summed/total_CR

18 . drop ponderated summed

19 .
20 .
21 . *drops
22 . //drop if total_CR < 120 //fail in first year
23 .
24 . ** ponderated grade average for first year
25 . gen tmp_ponderated = CR * note if year == 1
(38640 missing values generated)
```

```
26 . gen tmp_CR = CR if year == 1
   (38640 missing values generated)

27 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

28 . egen tmp_summed = sum(tmp_ponderated), by(ID)

29 . gen moyenne_1 = tmp_summed/tmp_total_CR
   (81 missing values generated)

30 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

31 .
32 . ** ponderated quant average for first year
33 . gen tmp_ponderated = CR * quant if year == 1
   (38640 missing values generated)

34 . gen tmp_CR = CR if year == 1
   (38640 missing values generated)

35 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

36 . egen tmp_summed = sum(tmp_ponderated), by(ID)

37 . gen quant_1 = tmp_summed/tmp_total_CR
   (81 missing values generated)

38 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

39 .
40 . gen tmp_ponderated = CR * quant if year == 2
   (38785 missing values generated)

41 . gen tmp_CR = CR if year == 2
   (38785 missing values generated)

42 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

43 . egen tmp_summed = sum(tmp_ponderated), by(ID)

44 . gen quant_2 = tmp_summed/tmp_total_CR
   (3433 missing values generated)
```

```
45 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

46 .
47 . gen tmp_ponderated = CR * quant if year == 3
   (45156 missing values generated)

48 . gen tmp_CR = CR if year == 3
   (45156 missing values generated)

49 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

50 . egen tmp_summed = sum(tmp_ponderated), by(ID)

51 . gen quant_3 = tmp_summed/tmp_total_CR
   (18163 missing values generated)

52 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

53 .
54 . //diff between course result and current year avg
55 . gen delta = .
   (61290 missing values generated)

56 . replace delta = quant - quant_1 if year == 1
   (22650 real changes made)

57 . replace delta = quant - quant_2 if year == 2
   (22505 real changes made)

58 . replace delta = quant - quant_3 if year == 3
   (16134 real changes made)

59 .
60 .
61 .
62 . ** PASTE GROUPS
63 . gen tmp_ponderated = CR * delta if sci == 0 & year == 1
   (55661 missing values generated)

64 . gen tmp_CR = CR if sci == 0 & year == 1
   (55661 missing values generated)
```

```
65 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

66 . egen tmp_summed = sum(tmp_ponderated), by(ID)

67 . gen delta_OTH1 = tmp_summed/tmp_total_CR
   (158 missing values generated)

68 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

69 .
70 . gen tmp_ponderated = CR * delta if sci == 1 & year == 1
   (47857 missing values generated)

71 . gen tmp_CR = CR if sci == 1 & year == 1
   (47857 missing values generated)

72 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

73 . egen tmp_summed = sum(tmp_ponderated), by(ID)

74 . gen delta_SCI1 = tmp_summed/tmp_total_CR
   (98 missing values generated)

75 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

76 .
77 . gen tmp_ponderated = CR * delta if sci == 2 & year == 1
   (57702 missing values generated)

78 . gen tmp_CR = CR if sci == 2 & year == 1
   (57702 missing values generated)

79 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

80 . egen tmp_summed = sum(tmp_ponderated), by(ID)

81 . gen delta_MIX1 = tmp_summed/tmp_total_CR
   (132 missing values generated)

82 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed
```

```
 83 .
 84 . gen tmp_ponderated = CR * delta if (sci == 0 | sci==2) & year == 1
    (52073 missing values generated)

 85 . gen tmp_CR = CR if (sci == 0 | sci==2) & year == 1
    (52073 missing values generated)

 86 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

 87 . egen tmp_summed = sum(tmp_ponderated), by(ID)

 88 . gen delta_NONSCI1 = tmp_summed/tmp_total_CR
    (125 missing values generated)

 89 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

 90 .
 91 . gen tmp_ponderated = CR * delta if sci == 0 & year == 2
    (54950 missing values generated)

 92 . gen tmp_CR = CR if sci == 0 & year == 2
    (54950 missing values generated)

 93 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

 94 . egen tmp_summed = sum(tmp_ponderated), by(ID)

 95 . gen delta_OTH2 = tmp_summed/tmp_total_CR
    (8816 missing values generated)

 96 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

 97 .
 98 . gen tmp_ponderated = CR * delta if sci == 1 & year == 2
    (48103 missing values generated)

 99 . gen tmp_CR = CR if sci == 1 & year == 2
    (48103 missing values generated)

100 . egen tmp_total_CR = sum(tmp_CR) , by(ID)
```

```
101 . egen tmp_summed = sum(tmp_ponderated), by(ID)

102 . gen delta_SCI2 = tmp_summed/tmp_total_CR
    (3522 missing values generated)

103 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

104 .
105 . gen tmp_ponderated = CR * delta if sci == 2 & year == 2
    (58312 missing values generated)

106 . gen tmp_CR = CR if sci == 2 & year == 2
    (58312 missing values generated)

107 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

108 . egen tmp_summed = sum(tmp_ponderated), by(ID)

109 . gen delta_MIX2 = tmp_summed/tmp_total_CR
    (8997 missing values generated)

110 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

111 .
112 . gen tmp_ponderated = CR * delta if sci == 0 & year != 1
    (44479 missing values generated)

113 . gen tmp_CR = CR if sci == 0 & year != 1
    (44479 missing values generated)

114 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

115 . egen tmp_summed = sum(tmp_ponderated), by(ID)

116 . gen delta_OTH23 = tmp_summed/tmp_total_CR
    (8816 missing values generated)

117 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

118 .
119 . gen tmp_ponderated = CR * delta if sci == 1 & year != 1
    (43559 missing values generated)
```

```
120 . gen tmp_CR = CR if sci == 1 & year != 1
    (43559 missing values generated)

121 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

122 . egen tmp_summed = sum(tmp_ponderated), by(ID)

123 . gen delta_SCI23 = tmp_summed/tmp_total_CR
    (3522 missing values generated)

124 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

125 .
126 . gen tmp_ponderated = CR * delta if sci == 2 & year != 1
    (57193 missing values generated)

127 . gen tmp_CR = CR if sci == 2 & year != 1
    (57192 missing values generated)

128 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

129 . egen tmp_summed = sum(tmp_ponderated), by(ID)

130 . gen delta_MIX23 = tmp_summed/tmp_total_CR
    (8997 missing values generated)

131 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

132 .
133 . gen tmp_ponderated = CR * delta if year == 2
    (38785 missing values generated)

134 . gen tmp_CR = CR if year == 2
    (38785 missing values generated)

135 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

136 . egen tmp_summed = sum(tmp_ponderated), by(ID)

137 . gen delta_2 = tmp_summed/tmp_total_CR
    (3433 missing values generated)
```

```
138 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

139 .
140 . gen tmp_ponderated = CR * delta if year == 3
    (45156 missing values generated)

141 . gen tmp_CR = CR if year == 3
    (45156 missing values generated)

142 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

143 . egen tmp_summed = sum(tmp_ponderated), by(ID)

144 . gen delta_3 = tmp_summed/tmp_total_CR
    (18163 missing values generated)

145 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

146 .
147 . gen tmp_ponderated = CR * delta if year == 2 | year == 3
    (22651 missing values generated)

148 . gen tmp_CR = CR if year == 2 | year == 3
    (22651 missing values generated)

149 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

150 . egen tmp_summed = sum(tmp_ponderated), by(ID)

151 . gen delta_23 = tmp_summed/tmp_total_CR
    (3433 missing values generated)

152 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

153 .
154 . gen tmp_ponderated = CR * note if year == 2
    (38785 missing values generated)

155 . gen tmp_CR = CR if year == 2
    (38785 missing values generated)
```

```
156 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

157 . egen tmp_summed = sum(tmp_ponderated), by(ID)

158 . gen moyenne_2 = tmp_summed/tmp_total_CR
    (3433 missing values generated)

159 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

160 .
161 . gen tmp_ponderated = CR * note if year == 3
    (45156 missing values generated)

162 . gen tmp_CR = CR if year == 3
    (45156 missing values generated)

163 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

164 . egen tmp_summed = sum(tmp_ponderated), by(ID)

165 . gen moyenne_3 = tmp_summed/tmp_total_CR
    (18163 missing values generated)

166 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

167 .
168 . gen tmp_ponderated = CR * note if year == 2 | year == 3
    (22651 missing values generated)

169 . gen tmp_CR = CR if year == 2 | year == 3
    (22651 missing values generated)

170 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

171 . egen tmp_summed = sum(tmp_ponderated), by(ID)

172 . gen moyenne_23 = tmp_summed/tmp_total_CR
    (3433 missing values generated)

173 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed
```

```
174 .
175 . gen tmp_ponderated = CR * quant if year == 2 | year == 3
    (22651 missing values generated)

176 . gen tmp_CR = CR if year == 2 | year == 3
    (22651 missing values generated)

177 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

178 . egen tmp_summed = sum(tmp_ponderated), by(ID)

179 . gen quant_23 = tmp_summed/tmp_total_CR
    (3433 missing values generated)

180 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

181 .
182 . gen tmp_ponderated = CR * quant if sci == 0 & year != 1
    (44479 missing values generated)

183 . gen tmp_CR = CR if sci == 0 & year != 1
    (44479 missing values generated)

184 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

185 . egen tmp_summed = sum(tmp_ponderated), by(ID)

186 . gen quant_OTH23 = tmp_summed/tmp_total_CR
    (8816 missing values generated)

187 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

188 .
189 . gen tmp_ponderated = CR * quant if sci == 1 & year != 1
    (43559 missing values generated)

190 . gen tmp_CR = CR if sci == 1 & year != 1
    (43559 missing values generated)

191 . egen tmp_total_CR = sum(tmp_CR) , by(ID)
```

```
192 . egen tmp_summed = sum(tmp_ponderated), by(ID)

193 . gen quant_SCI23 = tmp_summed/tmp_total_CR
    (3522 missing values generated)

194 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

195 .
196 . gen tmp_ponderated = CR * quant if sci == 2 & year != 1
    (57192 missing values generated)

197 . gen tmp_CR = CR if sci == 2 & year != 1
    (57192 missing values generated)

198 . egen tmp_total_CR = sum(tmp_CR) , by(ID)

199 . egen tmp_summed = sum(tmp_ponderated), by(ID)

200 . gen quant_MIX23 = tmp_summed/tmp_total_CR
    (8997 missing values generated)

201 . drop tmp_ponderated tmp_CR tmp_total_CR tmp_summed

202 . ** END PASTE
203 .
204 . ** dummies
205 .
206 . **tmp
207 . global tmp "etat"

208 . rename $tmp tmp

209 . encode tmp, gen($tmp)

210 . drop tmp

211 .
212 . ** BSc
213 . global tmp "BSc"

214 . rename $tmp tmp
```

```
215 . encode tmp, gen($tmp)

216 . drop tmp

217 .
218 . ** MSc
219 . global tmp "MSc"

220 . rename $tmp tmp

221 . encode tmp, gen($tmp)

222 . drop tmp

223 .
224 .
225 . ** matu_lieu
226 . global tmp "matu_lieu"

227 . rename $tmp tmp

228 . encode tmp, gen($tmp)

229 . drop tmp

230 .
231 . // put every underrepresented group in 0 (others)
232 . by ID, sort: gen nvals = _n == 1

233 . egen count = sum(nvals), by($tmp)

234 . replace $tmp = 0 if count < 20
    (3555 real changes made)

235 . drop nvals count

236 .
237 . ** matu_ecole
238 . global tmp "matu_ecole"

239 . rename $tmp tmp
```

```
240 . encode tmp, gen($tmp)

241 . drop tmp

242 .
243 . // put every underrepresented group in 0 (others)
244 . by ID, sort: gen nvals = _n == 1

245 . egen count = sum(nvals), by($tmp)

246 . replace $tmp = 0 if count < 20
    (12218 real changes made)

247 . drop nvals count

248 .
249 .
250 . ** matu_nom
251 . global tmp "matu_nom"

252 . rename $tmp tmp

253 . encode tmp, gen($tmp)

254 . drop tmp

255 .
256 . // put every underrepresented group in 0 (others)
257 . by ID, sort: gen nvals = _n == 1

258 . egen count = sum(nvals), by($tmp)

259 . replace $tmp = 0 if count < 20
    (3924 real changes made)

260 . drop nvals count

261 .
262 .
263 . preserve
```

```
264 .         ds(ID), not
    debut         legal_year    year          quant_1       delta_SCI1    delta
    > _MIX2
    >          delta_3
    >                         quant_23
    >                                       BSc
    fin           sexe          canton        quant_2       delta_MIX1    delta
    > _OTH23
    >          delta_23
    >                         quant_OTH23
    >                                       MSc
    cours         total_CR      quant         quant_3       delta_NONS~1  delta
    > _SCI23
    >          moyenne_2
    >                         quant_SCI23
    >                                       matu_lieu
    CR            moyenne       quant_moye~e  delta         delta_OTH2    delta
    > _MIX23
    >          moyenne_3
    >                         quant_MIX23
    >                                       matu_ecole
    note          sci           moyenne_1     delta_OTH1    delta_SCI2    delta
    > _2
    >          moyenne_23
    >                         etat
    >                                       matu_nom

265 .         collapse (first) `r(varlist)', by(ID)

266 .
267 .
268 .         tab2 sexe debut

    -> tabulation of sexe by debut

   (first) |                                          (first) debut
      sexe |      2006       2007       2008       2009       2010       20
    > 11       2012       2013       2014 |      Total
    ------------+-----------------------------------------------------------
    > ----------------------------------+----------

           1 |        38         98        100        161        185        1
    > 60         79         40          7 |        868
           2 |        69        157        225        307        355        2
    > 66        141         64          8 |      1,592
    ------------+-----------------------------------------------------------
    > ----------------------------------+----------

       Total |       107        255        325        468        540        4
    > 26        220        104         15 |      2,460
```

```
269 .         tab2 sexe debut if etat != 3

    -> tabulation of sexe by debut if etat != 3

   (first) |                                                (first) debut
      sexe |      2006       2007       2008       2009       2010       20
> 11       2012       2013       2014 |     Total
-----------+-------------------------------------------------------------------
> ----------------------------------+----------

         1 |         3          5         25         69         79
> 75         79         40          7 |        382
         2 |         0          2         31        111        141        1
> 29        141         64          8 |        627
-----------+-------------------------------------------------------------------
> ----------------------------------+----------

     Total |         3          7         56        180        220        2
> 04        220        104         15 |      1,009


270 .
271 .         latabstat moyenne_1 moyenne_2 moyenne_3 moyenne, by(debut) s(mean
>  sd) long

    \begin{table}[htbp]\centering
    \caption{\label{}
    \textbf{} }\begin{tabular} {@{} l r r r r @{}} \\ \hline
    \textbf{debut       stats } & \textbf{  moyenn~1} & \textbf{  moyenn~2} & \
> textbf{  moyen~_3} & \textbf{   moyenne} \\
    \hline
    2006         mean  &   4.501402 &   4.279907 &   4.645573 &   4.445414 \\
                   sd  &   .2809568 &   .2589845 &    .375799 &   .2272078 \\
    2007         mean  &   4.656693 &   4.395773 &   4.731806 &   4.580176 \\
                   sd  &   .4055913 &   .3679294 &   .4037419 &   .3494174 \\
    2008         mean  &   4.467636 &    4.44772 &   4.729236 &    4.45977 \\
                   sd  &   .5248893 &    .401483 &   .3866541 &   .4894625 \\
    2009         mean  &   3.942467 &    4.40179 &     4.7692 &   3.967276 \\
                   sd  &   .9465355 &   .5682065 &   .4055311 &   .9260684 \\
    2010         mean  &   3.890507 &   4.190239 &   4.736133 &   3.927183 \\
                   sd  &   .9483145 &   .8016987 &   .4191381 &   .9659944 \\
    2011         mean  &   3.900892 &   4.067337 &   4.782489 &   3.905968 \\
                   sd  &   .9604512 &    .964434 &    .411499 &   .9663516 \\
    2012         mean  &   3.066211 &   2.560022 &          . &    3.03406 \\
                   sd  &   .7010399 &   .9965333 &          . &   .6963755 \\
    2013         mean  &   2.817063 &   2.565217 &          . &   2.801102 \\
                   sd  &   .7278487 &   .9345747 &          . &   .7215713 \\
    2014         mean  &   2.974286 &   3.346154 &          . &   3.008039 \\
                   sd  &   .6854618 &   .6887372 &          . &   .6485544 \\
    Total        mean  &   3.959048 &   4.114521 &   4.740324 &   3.958644 \\
                   sd  &   .9401786 &   .8787889 &   .4042057 &   .9303458 \\
    \hline
    \multicolumn{5}{@{}l}{
    \footnotesize{\emph{Source:} }}
    \end{tabular}
```

```
\end{table}

272 .         latabstat moyenne_1 moyenne_2 moyenne_3 moyenne if etat !=3, by(d
> ebut) s(mean sd) long

\begin{table}[htbp]\centering
\caption{\label{}
\textbf{} }\begin{tabular} {@{} l r r r r @{}} \\ \hline
\textbf{debut       stats } & \textbf{  moyenn~1} & \textbf{  moyenn~2} & \
> textbf{  moyen~_3} & \textbf{   moyenne} \\
\hline
2006         mean  &   4.191667 &   3.683333 &          . &        3.9 \\
               sd  &   .1127314 &   .1626601 &          . &   .1305038 \\
2007         mean  &       4.35 &   3.860714 &          . &    4.12381 \\
               sd  &   .2236068 &   .1398341 &          . &   .1384796 \\
2008         mean  &   3.830003 &     3.6325 &          . &   3.794568 \\
               sd  &   .5310385 &   .5133023 &          . &   .5081951 \\
2009         mean  &   3.006446 &   3.472987 &   3.227273 &   3.000671 \\
               sd  &   .6910325 &   .8823782 &          . &   .6798109 \\
2010         mean  &   2.995184 &   3.172762 &          . &   2.981994 \\
               sd  &   .7931328 &   .9667299 &          . &   .7818877 \\
2011         mean  &   3.118651 &   2.999986 &          . &   3.090132 \\
               sd  &   .7616749 &   .9509751 &          . &   .7387486 \\
2012         mean  &   3.066211 &   2.560022 &          . &    3.03406 \\
               sd  &   .7010399 &   .9965333 &          . &   .6963755 \\
2013         mean  &   2.817063 &   2.565217 &          . &   2.801102 \\
               sd  &   .7278487 &   .9345747 &          . &   .7215713 \\
2014         mean  &   2.974286 &   3.346154 &          . &   3.008039 \\
               sd  &   .6854618 &   .6887372 &          . &   .6485544 \\
Total        mean  &   3.078262 &   2.945794 &   3.227273 &   3.056033 \\
               sd  &   .7601009 &    .996804 &          . &   .7433736 \\
\hline
\multicolumn{5}{@{}l}{
\footnotesize{\emph{Source:} }}
\end{tabular}
\end{table}

273 .         latabstat moyenne_1 moyenne_2 moyenne_3 moyenne if etat ==3, by(d
> ebut) s(mean sd) long

\begin{table}[htbp]\centering
\caption{\label{}
\textbf{} }\begin{tabular} {@{} l r r r r @{}} \\ \hline
\textbf{debut       stats } & \textbf{  moyenn~1} & \textbf{  moyenn~2} & \
> textbf{  moyen~_3} & \textbf{   moyenne} \\
\hline
2006         mean  &   4.510337 &   4.297115 &   4.645573 &   4.461147 \\
               sd  &   .2794892 &   .2405156 &    .375799 &   .2094803 \\
2007         mean  &   4.665385 &   4.410876 &   4.731806 &   4.593057 \\
               sd  &   .4064646 &   .3610971 &   .4037419 &   .3449896 \\
2008         mean  &   4.601372 &   4.478026 &   4.729236 &   4.598251 \\
               sd  &    .414312 &   .3641911 &   .3866541 &   .3534436 \\
2009         mean  &   4.527479 &   4.527566 &   4.776948 &   4.571404 \\
```

```
                sd  &    .5168007 &    .3613039 &    .3914307 &    .3937089 \\
2010          mean  &    4.506042 &    4.511381 &    4.736133 &    4.577001 \\
                sd  &    .3933755 &    .3493058 &    .4191381 &    .3424582 \\
2011          mean  &    4.619707 &    4.581781 &    4.782489 &    4.655655 \\
                sd  &    .3964997 &    .3595548 &     .411499 &    .3399634 \\
Total         mean  &      4.5728 &    4.486645 &    4.741692 &    4.586304 \\
                sd  &     .424179 &    .3586725 &    .4018165 &    .3500494 \\
\hline
\multicolumn{5}{@{}l}{
\footnotesize{\emph{Source:} }}
\end{tabular}
\end{table}

274 .
275 .
276 .
277 .         reg quant_SCI23 delta_SCI1 delta_MIX1, robust

Linear regression                               Number of obs =     1
> 896
                                                F(  2,  1893) =    24
> .91
                                                Prob > F      =   0.0
> 000
                                                R-squared     =   0.0
> 210
                                                Root MSE      =   .22
> 041

------------------------------------------------------------------------------
> ----
             |               Robust
 quant_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .7997318   .1227416     6.52   0.000     .5590089    1.040
> 455
  delta_MIX1 |   .2253392   .0346852     6.50   0.000      .157314    .2933
> 644
       _cons |   .5727891    .005064   113.11   0.000     .5628575    .5827
> 207
------------------------------------------------------------------------------

> ----
```

```
278 .         reg quant_SCI23 delta_OTH1 delta_MIX1, robust

Linear regression                                      Number of obs =    1
> 896
                                                       F(  2,  1893) =   27
> .23
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 218
                                                       Root MSE      =  .22
> 032

------------------------------------------------------------------------------
> ---
             |               Robust
 quant_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ---
  delta_OTH1 |  -.1820174   .0264097    -6.89   0.000    -.2338126   -.1302
> 222
  delta_MIX1 |   .0480408   .0249466     1.93   0.054    -.0008849    .0969
> 665
       _cons |   .5730545   .0050628   113.19   0.000     .5631253    .5829
> 836
------------------------------------------------------------------------------
> ---

279 .
280 .         reg quant_MIX23 delta_SCI1 delta_MIX1, robust

Linear regression                                      Number of obs =    1
> 485
                                                       F(  2,  1482) =   26
> .47
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 326
                                                       Root MSE      =  .21
> 814
```

```
------------------------------------------------------------------------------
> ----
             |               Robust
 quant_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .4096795    .147044     2.79   0.005     .1212429    .6981
> 161
  delta_MIX1 |    .291682   .0427322     6.83   0.000       .20786     .375
> 504
       _cons |   .6025455    .005666   106.34   0.000     .5914314    .6136
> 597
------------------------------------------------------------------------------
> ----
```

```
281 .         reg quant_MIX23 delta_OTH1 delta_MIX1, robust

Linear regression                                      Number of obs =    1
> 485
                                                       F(  2,  1482) =   27
> .15
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 332
                                                       Root MSE      =  .21
> 807

------------------------------------------------------------------------------
> ----
             |               Robust
 quant_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_OTH1 |  -.0946027   .0320127    -2.96   0.003    -.1573977   -.0318
> 077
  delta_MIX1 |   .2017476   .0315337     6.40   0.000      .139892    .2636
> 031
       _cons |   .6026695   .0056628   106.43   0.000     .5915615    .6137
> 775
------------------------------------------------------------------------------
> ----
```

```
282 .
283 .         reg quant_OTH23 delta_SCI1 delta_MIX1, robust

Linear regression                                      Number of obs =     1
> 504
                                                       F(  2,  1501) =    24
> .72
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.0
> 294
                                                       Root MSE      =   .15
> 897

------------------------------------------------------------------------------
> ---
             |               Robust
 quant_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ---
  delta_SCI1 |  -.7324463    .104957    -6.98   0.000    -.9383243   -.5265
> 684
  delta_MIX1 |  -.1656667   .0303335    -5.46   0.000    -.2251673    -.106
> 166
       _cons |   .6476796   .0040946   158.18   0.000     .6396479    .6557
> 113
------------------------------------------------------------------------------
> ---

284 .         reg quant_OTH23 delta_OTH1 delta_MIX1, robust

Linear regression                                      Number of obs =     1
> 504
                                                       F(  2,  1501) =    23
> .68
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.0
> 286
                                                       Root MSE      =   .15
> 903
```

```
------------------------------------------------------------------------------
             |               Robust
 quant_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  delta_OTH1 |   .1571825   .0230134     6.83   0.000     .1120405    .202344
  delta_MIX1 |  -.0055371    .021971    -0.25   0.801    -.0486342    .037556
       _cons |   .6474714   .0040971   158.03   0.000     .6394348    .655508
------------------------------------------------------------------------------

285 .
286 .         gsort -moyenne

287 .
288 .
289 .         ** plot **
290 .         replace etat = 2 if etat == 1
(558 real changes made)

291 .         collapse (mean) moyenne (sem) se = moyenne, by(debut etat)

292 .                 gen plus = moyenne + 1.96*se

293 .                 gen minus = moyenne - 1.96*se

294 .                 twoway ///
>                 (line moyenne debut if etat==2,sort lwidth(thick) lcolor("0 153 153")) ///
>                 (line moyenne debut if etat==3, sort lwidth(thick) lcolor("153 0 0")) ///
>                 (rcap plus minus debut, color(black)) ///
>                 , scheme(s2color) legend(order(1 "Failed" 2 "Graduated")) ///
>                 xtitle("Beginning year") ytitle("GPA")
```

```
295 .                 graph export "moyenne.eps", replace
    (file moyenne.eps written in EPS format)

296 . restore

297 .
298 . ** graphs **
299 .
300 . hist delta, saving(g0, replace)
    (bin=47, start=-.86022729, width=.03570919)
    (file g0.gph saved)

301 . hist delta_SCI1, saving(g1, replace)
    (bin=47, start=-.20576359, width=.01110396)
    (file g1.gph saved)

302 . hist delta_MIX1, saving(g2, replace)
    (bin=47, start=-.66973978, width=.0270532)
    (file g2.gph saved)

303 . hist delta_OTH1, saving(g3, replace)
    (bin=47, start=-.60329485, width=.02847413)
    (file g3.gph saved)

304 . graph combine g0.gph g1.gph g2.gph g3.gph

305 . graph export "deltas.eps", replace
    (file deltas.eps written in EPS format)

306 . latabstat delta delta_SCI1 delta_MIX1 delta_OTH1, by(debut) s(mean sd) lo
    > ng

    \begin{table}[htbp]\centering
    \caption{\label{}
    \textbf{} }\begin{tabular} {@{} l r r r r @{}} \\ \hline
    \textbf{debut       stats } & \textbf{     delta} & \textbf{  de~_SCI1} & \
    > textbf{  delta~X1} & \textbf{  delta~H1} \\
    \hline
    2006         mean  &  -.0010201 &   .0024821 &  -.0066845 &  -.0056984 \\
                   sd  &   .2549929 &   .0595867 &   .2248986 &   .2106151 \\
    2007         mean  &  -.0002217 &   .0033251 &  -.0123725 &  -.0027931 \\
                   sd  &   .2473213 &   .0613527 &   .2276017 &   .2038183 \\
    2008         mean  &   .0030124 &  -.0043152 &  -.0088202 &   .0274503 \\
                   sd  &   .2359713 &   .0615961 &    .212184 &   .1919601 \\
    2009         mean  &   .0087136 &  -.0024599 &  -.0028229 &   .0203145 \\
                   sd  &   .2219427 &   .0399081 &     .13132 &   .1530087 \\
    2010         mean  &   .0014787 &  -.0021758 &   .0145661 &   .0007911 \\
                   sd  &   .2264081 &   .0466623 &    .139706 &   .1600304 \\
    2011         mean  &  -.0002945 &  -.0014327 &   .0112612 &   -.004182 \\
                   sd  &   .2175955 &   .0471209 &   .1463528 &   .1492725 \\
    2012         mean  &   .0035528 &  -.0053011 &  -.0029394 &   .0291159 \\
                   sd  &   .2043771 &   .0543845 &   .1486076 &   .1844625 \\
    2013         mean  &   .0053406 &  -.0074005 &  -.0127259 &   .0471383 \\
```

```
                sd  &   .2135919 &   .0563327 &   .1876084 &    .191214 \\
2014          mean  &  -.0032677 &   .0040687 &  -.0318605 &  -.0064318 \\
                sd  &   .1876941 &   .0792771 &   .2254533 &   .2605538 \\
Total         mean  &    .002515 &  -.0016027 &   .0011797 &    .008531 \\
                sd  &   .2292595 &   .0516892 &   .1730637 &   .1740549 \\
\hline
\multicolumn{5}{@{}l}{
\footnotesize{\emph{Source:} /Users/Marco/Google Drive/HEC/empi/proj/db.dta
> }}
\end{tabular}
\end{table}

307 .
308 . corrtex delta_OTH1 delta_OTH23 delta_SCI1 delta_SCI23 delta_MIX1 delta_MI
    > X23, file(correlation.tex) replace


\begin{table}[htbp]\centering \caption{Cross-correlation table\label{corrta
> ble}}
\begin{tabular}{l  c  c  c  c  c  c }\hline\hline
\multicolumn{1}{c}{Variables} &delta\_OTH1&delta\_OTH23&delta\_SCI1&delta\_
> SCI23&delta\_MIX1&delta\_MIX23\\ \hline
delta\_OTH1&1.000\\
delta\_OTH23&0.300&1.000\\
delta\_SCI1&-0.669&-0.184&1.000\\
delta\_SCI23&-0.273&-0.812&0.218&1.000\\
delta\_MIX1&-0.069&-0.042&-0.685&-0.030&1.000\\
delta\_MIX23&-0.095&-0.313&-0.072&-0.080&0.184&1.000\\
\hline \hline
 \end{tabular}
\end{table}

 Output writted successfully in file : correlation.tex

309 .
310 .
311 . encode(cours), gen(cours_id)

312 .
313 . ** tables **
314 .
```

```
315 . * by cours
316 . preserve

317 .
318 .         drop cours CR legal_year sci year

319 .         reshape wide note delta quant, i(ID) j(cours_id)
(note: j = 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 2
> 5 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49
>  50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73
> 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 9
> 8 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116
> 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 1
> 35 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 15
> 3 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171
>  172 173 174 175 176 177 178 179 180 181 182 183 184 185)

Data                               long   ->   wide
-----------------------------------------------------------------------------
> ——
Number of obs.                    61290   ->    2460
Number of variables                  42   ->     593
j variable (185 values)        cours_id   ->   (dropped)
xij variables:
                                    note   ->   note1 note2 ... note185
                                   delta   ->   delta1 delta2 ... delta185
                                   quant   ->   quant1 quant2 ... quant185
-----------------------------------------------------------------------------
> ——

320 .         gen fini = etat == 3

321 .         gen vieuxCours = debut <= 2010

322 .
323 .         global y = "delta_SCI23"

324 .         global x "delta_SCI1 delta_MIX1"

325 .         global params "i.sexe ib(2010).debut"
```

```
326 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 896
                                                       F( 10,  1885) =   16
> .43
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 793
                                                       Root MSE      =  .05
> 093

------------------------------------------------------------------------------
> ----
             |               Robust
 delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .3390453   .0324396    10.45   0.000     .2754241    .4026
> 665
  delta_MIX1 |   .0596424   .0102337     5.83   0.000     .0395717     .079
> 713
             |
        sexe |
          M  |   .0092043   .0024571     3.75   0.000     .0043854    .0140
> 232
             |
       debut |
        2006 |  -.0112586   .0063111    -1.78   0.075    -.0236362    .0011
> 189
        2007 |  -.0039836    .004483    -0.89   0.374    -.0127758    .0048
> 086
        2008 |    .003831   .0040295     0.95   0.342    -.0040718    .0117
> 338
        2009 |  -.0001498   .0039852    -0.04   0.970    -.0079657     .007
> 666
        2011 |   .0080378   .0033143     2.43   0.015     .0015376     .014
> 538
        2012 |   .0115429   .0027842     4.15   0.000     .0060824    .0170
> 034
        2013 |   .0140223    .003131     4.48   0.000     .0078818    .0201
> 629
             |
       _cons |  -.0153028    .002786    -5.49   0.000    -.0207669   -.0098
> 388
------------------------------------------------------------------------------
> ----
```

```
327 .         outreg2 using sci23, label replace dec(3) tex(frag pr) drop(ib(20
    > 10).debut i.sexe)
    sci23.tex
    dir : seeout

328 .         global x "delta_OTH1 delta_MIX1"

329 .         reg $y $x  $params, robust

    Linear regression                                      Number of obs =    1
    > 896
                                                           F( 10,  1885) =   16
    > .71
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.0
    > 816
                                                           Root MSE      =  .05
    > 086

    ------------------------------------------------------------------------------
    > ----
                 |               Robust
     delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    -------------+----------------------------------------------------------------
    > ----
      delta_OTH1 |  -.0769643   .0073295   -10.50   0.000     -.091339   -.0625
    > 896
      delta_MIX1 |   -.015527   .0074272    -2.09   0.037    -.0300934   -.0009
    > 606
                 |
            sexe |
              M  |    .009106   .0024537     3.71   0.000     .0042938    .0139
    > 183
                 |
           debut |
            2006 |  -.0116263   .0063046    -1.84   0.065     -.023991    .0007
    > 383
            2007 |  -.0042416   .0044773    -0.95   0.344    -.0130225    .0045
    > 393
            2008 |   .0035813   .0040319     0.89   0.375    -.0043262    .0114
    > 889
            2009 |    .000082   .0039829     0.02   0.984    -.0077294    .0078
    > 934
            2011 |    .007798   .0033079     2.36   0.019     .0013105    .0142
    > 855
            2012 |   .0113611   .0027188     4.18   0.000     .0060289    .0166
    > 933
            2013 |   .0136447   .0030427     4.48   0.000     .0076774    .0196
    > 121
                 |
           _cons |  -.0150115    .002782    -5.40   0.000    -.0204677   -.0095
```

```
> 553
-------------+------------------------------------------------------------------
> ----

330 .         outreg2 using sci23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
sci23.tex
dir : seeout

331 .         global x "delta_SCI1 delta_OTH1"

332 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 896
                                                       F( 10,  1885) =   16
> .77
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 814
                                                       Root MSE      =  .05
> 087
-------------+------------------------------------------------------------------
> ----
             |               Robust
 delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------------
> ----
  delta_SCI1 |   .0664749   .0324782     2.05   0.041      .002778    .1301
> 719
  delta_OTH1 |  -.0623096   .0101741    -6.12   0.000    -.0822632   -.0423
> 559
             |
        sexe |
           M |   .0091101   .0024542     3.71   0.000     .0042969    .0139
> 233
             |
       debut |
        2006 |   -.011546   .0063024    -1.83   0.067    -.0239063    .0008
> 144
        2007 |  -.0041768    .004479    -0.93   0.351    -.0129611    .0046
> 074
        2008 |   .0036527   .0040289     0.91   0.365    -.0042488    .0115
> 542
        2009 |   .0000484   .0039835     0.01   0.990    -.0077641     .007
> 861
        2011 |   .0078399   .0033093     2.37   0.018     .0013496    .0143
> 302
        2012 |   .0114154   .0027292     4.18   0.000     .0060629    .0167
> 679
```

```
        2013 |   .0137522     .00306     4.49   0.000     .0077508    .0197
> 537
             |
       _cons |  -.0150654   .0027821    -5.42   0.000    -.0205217   -.0096
> 091
-------------+------------------------------------------------------------
> ----

333 .         outreg2 using sci23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
sci23.tex
dir : seeout

334 .         global x "delta_SCI1"

335 .         reg $y $x  $params, robust

Linear regression                               Number of obs =    1
> 897
                                                F(  9,  1887) =   14
> .69
                                                Prob > F      =  0.0
> 000
                                                R-squared     =  0.0
> 596
                                                Root MSE      =  .05
> 144

-------------+------------------------------------------------------------
> ----
             |               Robust
 delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_SCI1 |   .2066705    .023537     8.78   0.000     .1605093    .2528
> 317
             |
        sexe |
          M  |   .0099826   .0024847     4.02   0.000     .0051096    .0148
> 556
             |
       debut |
        2006 |  -.0115812    .006483    -1.79   0.074    -.0242958    .0011
> 334
        2007 |  -.0044774   .0045499    -0.98   0.325    -.0134008    .0044
> 459
        2008 |   .0026751   .0040413     0.66   0.508    -.0052508     .010
> 601
        2009 |  -.0006342   .0039969    -0.16   0.874    -.0084731    .0072
> 046
        2011 |    .008313   .0033233     2.50   0.012     .0017953    .0148
> 308
```

```
        2012 |   .0104182   .0026641     3.91   0.000     .0051934     .015
> 643
        2013 |   .0120021   .0030011     4.00   0.000     .0061164    .0178
> 879
             |
       _cons |  -.0155323   .0027912    -5.56   0.000    -.0210065    -.010
> 058
-------------+------------------------------------------------------------
> ----

336 .         outreg2 using sci23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
sci23.tex
dir : seeout

337 .         global x "delta_MIX1"

338 .         reg $y $x  $params, robust

Linear regression                               Number of obs =    1
> 896
                                                F(  9,  1886) =    6
> .81
                                                Prob > F      =  0.0
> 000
                                                R-squared     =  0.0
> 196
                                                Root MSE      =  .05
> 254

-------------+------------------------------------------------------------
> ----
             |               Robust
 delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_MIX1 |  -.0109669    .007631    -1.44   0.151     -.025933    .0039
> 992
             |
        sexe |
          M  |   .0104042   .0025213     4.13   0.000     .0054594     .015
> 349
             |
       debut |
        2006 |  -.0107492   .0065751    -1.63   0.102    -.0236445     .002
> 146
        2007 |  -.0032613   .0046567    -0.70   0.484    -.0123942    .0058
> 715
        2008 |    .002533   .0041783     0.61   0.544    -.0056616    .0107
> 276
        2009 |  -.0005568   .0041004    -0.14   0.892    -.0085986     .007
> 485
```

```
        2011 |   .0088107   .0033782     2.61   0.009     .0021853    .0154
> 361
        2012 |   .0094601   .0025578     3.70   0.000     .0044436    .0144
> 765
        2013 |   .0103349   .0024944     4.14   0.000     .0054429    .0152
> 269
             |
       _cons |  -.0162996   .0028419    -5.74   0.000    -.0218731    -.010
> 726
-------------+------------------------------------------------------------
> ----

339 .         outreg2 using sci23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
sci23.tex
dir : seeout

340 .         global x "delta_OTH1"

341 .         reg $y $x  $params, robust

Linear regression                               Number of obs =     1
> 896
                                                F(  9,  1886) =    17
> .92
                                                Prob > F      =   0.0
> 000
                                                R-squared     =   0.0
> 791
                                                Root MSE      =   .05
> 092

-------------+------------------------------------------------------------
> ----
             |               Robust
 delta_SCI23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_OTH1 |  -.0760628   .0073197   -10.39   0.000    -.0904183   -.0617
> 072
             |
        sexe |
          M  |   .0089718   .0024583     3.65   0.000     .0041506     .013
> 793
             |
       debut |
        2006 |  -.0113645   .0062744    -1.81   0.070      -.02367    .0009
> 411
        2007 |  -.0038558   .0044871    -0.86   0.390    -.0126561    .0049
> 444
        2008 |   .0038822   .0040341     0.96   0.336    -.0040296     .011
> 794
```

```
        2009 |   .0002315   .0039901     0.06   0.954    -.0075939    .0080
> 569
        2011 |   .0078226   .0033129     2.36   0.018     .0013253      .01
> 432
        2012 |   .0114891   .0027129     4.24   0.000     .0061686    .0168
> 097
        2013 |    .013886   .0029936     4.64   0.000     .0080148    .0197
> 572
             |
       _cons |  -.0151036   .0027862    -5.42   0.000     -.020568   -.0096
> 393
-------------+----------------------------------------------------------------
> ----

342 .         outreg2 using sci23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
sci23.tex
dir : seeout

343 .
344 .         global y = "delta_MIX23"

345 .         global x "delta_SCI1 delta_MIX1"

346 .         global params "i.sexe ib(2010).debut"

347 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 485
                                                       F(  9,  1475) =    8
> .75
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 543
                                                       Root MSE      =  .15
> 439
-------------+----------------------------------------------------------------
> ----
             |               Robust
 delta_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .3183072   .1117547     2.85   0.004     .0990921    .5375
> 223
  delta_MIX1 |   .2373294   .0333566     7.11   0.000     .1718979    .3027
> 609
             |
        sexe |
          M  |   .0231201    .008375     2.76   0.006      .006692    .0395
```

```
> 483
             |
       debut |
        2006 |   .0171431   .0186062     0.92   0.357    -.0193543    .0536
> 405
        2007 |  -.0188492   .0131715    -1.43   0.153     -.044686    .0069
> 876
        2008 |   .0160428      .0124     1.29   0.196    -.0082807    .0403
> 664
        2009 |   .0009572   .0122372     0.08   0.938    -.0230469    .0249
> 614
        2011 |   .0030434   .0129431     0.24   0.814    -.0223454    .0284
> 323
        2012 |   .0671241   .0582783     1.15   0.250    -.0471931    .1814
> 413
             |
       _cons |  -.0448306   .0100286    -4.47   0.000    -.0645025   -.0251
> 587
-------------+----------------------------------------------------------------
> ----

348 .         outreg2 using mix23, label replace dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
mix23.tex
dir : seeout

349 .         global x "delta_OTH1 delta_MIX1"

350 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =     1
> 485
                                                       F(  9,  1475) =     8
> .87
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 546
                                                       Root MSE      =  .15
> 436
-------------+----------------------------------------------------------------
> ----
             |               Robust
  delta_MIX23|      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_OTH1 |  -.0716444   .0243475    -2.94   0.003    -.1194038   -.0238
> 851
  delta_MIX1 |   .1675472   .0248398     6.75   0.000      .118822    .2162
> 724
             |
```

```
          sexe |
            M  |   .0230686   .0083757     2.75   0.006      .006639    .0394
> 982
               |
         debut |
         2006  |   .0167197   .0186059     0.90   0.369    -.0197772    .0532
> 166
         2007  |  -.0191627   .0131761    -1.45   0.146    -.0450086    .0066
> 831
         2008  |    .015722   .0123897     1.27   0.205    -.0085813    .0400
> 253
         2009  |   .0009953   .0122198     0.08   0.935    -.0229747    .0249
> 654
         2011  |   .0026305   .0129493     0.20   0.839    -.0227706    .0280
> 315
         2012  |   .0669015   .0582212     1.15   0.251    -.0473038    .1811
> 068
               |
         _cons |   -.044498   .0100232    -4.44   0.000    -.0641593   -.0248
> 367
---------------+--------------------------------------------------------------
> ----

351 .         outreg2 using mix23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
mix23.tex
dir : seeout

352 .         global x "delta_SCI1 delta_OTH1"

353 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 485
                                                       F(  9,  1475) =    8
> .99
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 547
                                                       Root MSE      =  .15
> 435
```

```
------------------------------------------------------------------------------
             |               Robust
 delta_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  delta_SCI1 |  -.7613713    .111828    -6.81   0.000    -.9807302   -.542012
  delta_OTH1 |  -.2362149   .0327071    -7.22   0.000    -.3003723   -.172057
             |
        sexe |
          M  |   .0230641   .0083789     2.75   0.006     .0066283    .039499
             |
       debut |
       2006  |   .0156356   .0185916     0.84   0.400    -.0208332    .052104
       2007  |  -.0199759   .0131895    -1.51   0.130    -.0458481    .005896
       2008  |   .0147098   .0123854     1.19   0.235     -.009585    .039004
       2009  |   .0009718   .0121987     0.08   0.937    -.0229568    .024900
       2011  |   .0015684   .0129535     0.12   0.904    -.0238409    .026977
       2012  |   .0668944   .0579582     1.15   0.249    -.0467948    .180583
             |
       _cons |  -.0436752   .0100102    -4.36   0.000     -.063311   -.024039
------------------------------------------------------------------------------
```

```
354 .         outreg2 using mix23, label append dec(3) tex(frag pr) drop(ib(201
    > 0).debut i.sexe)
    mix23.tex
    dir : seeout

355 .         global x "delta_SCI1"
```

```
356 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 486
                                                       F(  8,  1477) =    3
> .34
                                                       Prob > F      =  0.0
> 009
                                                       R-squared     =  0.0
> 181
                                                       Root MSE      =  .15
> 732

------------------------------------------------------------------------------
> ---
             |               Robust
 delta_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ---
  delta_SCI1 |  -.2445251   .0845547    -2.89   0.004    -.4103853    -.078
> 665
             |
        sexe |
          M  |   .0258589   .0084988     3.04   0.002     .0091879      .04
> 253
             |
       debut |
       2006  |   .0129628   .0186557     0.69   0.487    -.0236316    .0495
> 573
       2007  |  -.0233698   .0134689    -1.74   0.083    -.0497899    .0030
> 504
       2008  |   .0084447   .0127929     0.66   0.509    -.0166495     .033
> 539
       2009  |  -.0013008   .0124578    -0.10   0.917    -.0257377    .0231
> 362
       2011  |   .0008637   .0131584     0.07   0.948    -.0249473    .0266
> 748
       2012  |   .0797737    .056531     1.41   0.158    -.0311159    .1906
> 632
             |
       _cons |  -.0425476    .010243    -4.15   0.000      -.06264   -.0224
> 552
------------------------------------------------------------------------------
> ---
```

```
357 .         outreg2 using mix23, label append dec(3) tex(frag pr) drop(ib(201
    > 0).debut i.sexe)
    mix23.tex
    dir : seeout

358 .         global x "delta_MIX1"

359 .         reg $y $x  $params, robust

    Linear regression                                      Number of obs =    1
    > 485
                                                           F(  8,  1476) =    8
    > .63
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.0
    > 486
                                                           Root MSE      =   .1
    > 548

    ------------------------------------------------------------------------------
    > ----
                 |               Robust
     delta_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    -------------+----------------------------------------------------------------
    > ----
      delta_MIX1 |   .1721773    .024806     6.94   0.000     .1235185    .2208
    > 361
                 |
            sexe |
              M  |   .0242731   .0083858     2.89   0.004     .0078237    .0407
    > 225
                 |
           debut |
            2006 |   .0162005   .0186978     0.87   0.386    -.0204765    .0528
    > 775
            2007 |  -.0195197    .013149    -1.48   0.138    -.0453125    .0062
    > 731
            2008 |   .0134146   .0125449     1.07   0.285    -.0111932    .0380
    > 224
            2009 |  -.0001089   .0123027    -0.01   0.993    -.0242415    .0240
    > 237
            2011 |   .0018566   .0130338     0.14   0.887    -.0237102    .0274
    > 235
            2012 |   .0720853   .0570129     1.26   0.206    -.0397495    .1839
    > 202
                 |
           _cons |  -.0443568   .0100895    -4.40   0.000    -.0641481   -.0245
    > 656
    ------------------------------------------------------------------------------
    > ----
```

```
360 .         outreg2 using mix23, label append dec(3) tex(frag pr) drop(ib(201
    > 0).debut i.sexe)
    mix23.tex
    dir : seeout

361 .         global x "delta_OTH1"

362 .         reg $y $x  $params, robust

    Linear regression                                      Number of obs =    1
    > 485
                                                           F(  8,  1476) =    3
    > .91
                                                           Prob > F      =  0.0
    > 001
                                                           R-squared     =  0.0
    > 197
                                                           Root MSE      =  .15
    > 714

    ------------------------------------------------------------------------------
    > ----
                 |               Robust
     delta_MIX23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    -------------+----------------------------------------------------------------
    > ----
      delta_OTH1 |  -.0831696   .0247261    -3.36   0.001    -.1316718   -.0346
    > 675
                 |
            sexe |
              M  |   .0235431   .0085138     2.77   0.006     .0068426    .0402
    > 436
                 |
           debut |
           2006  |    .013361   .0183774     0.73   0.467    -.0226875    .0494
    > 095
           2007  |  -.0236776    .013632    -1.74   0.083    -.0504177    .0030
    > 625
           2008  |   .0120772   .0126009     0.96   0.338    -.0126404    .0367
    > 948
           2009  |  -.0003514   .0123816    -0.03   0.977    -.0246388    .0239
    > 359
           2011  |   .0026286    .013045     0.20   0.840    -.0229601    .0282
    > 172
           2012  |    .071264   .0583388     1.22   0.222    -.0431718    .1856
    > 998
                 |
           _cons |  -.0423518   .0101478    -4.17   0.000    -.0622575    -.022
    > 446
    ------------------------------------------------------------------------------
    > ----
```

```
363 .         outreg2 using mix23, label append dec(3) tex(frag pr) drop(ib(201
    > 0).debut i.sexe)
    mix23.tex
    dir : seeout

364 .
365 .
366 .         global y = "delta_OTH23"

367 .         global x "delta_SCI1 delta_MIX1"

368 .         global params "i.sexe ib(2010).debut"

369 .         reg $y $x  $params, robust

    Linear regression                                      Number of obs =    1
    > 504
                                                           F( 10,  1493) =   15
    > .02
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.1
    > 045
                                                           Root MSE      =  .08
    > 624

    ------------------------------------------------------------------------------
    > ----
                 |               Robust
     delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    -------------+----------------------------------------------------------------
    > ----
      delta_SCI1 |  -.7042144   .0639461   -11.01   0.000    -.8296482   -.5787
    > 807
      delta_MIX1 |  -.1663253    .018905    -8.80   0.000    -.2034084   -.1292
    > 422
                 |
            sexe |
              M  |  -.0172457   .0045573    -3.78   0.000    -.0261852   -.0083
    > 062
                 |
           debut |
            2006 |   .0095552   .0101072     0.95   0.345    -.0102706     .029
    > 381
            2007 |   .0027209   .0071188     0.38   0.702     -.011243    .0166
    > 848
            2008 |  -.0182944   .0070754    -2.59   0.010    -.0321732   -.0044
    > 156
            2009 |  -.0070228   .0068967    -1.02   0.309     -.020551    .0065
    > 054
            2011 |  -.0140296   .0070122    -2.00   0.046    -.0277843   -.0002
    > 748
```

```
        2012 |  -.0248842   .0496343    -0.50   0.616    -.1222446    .0724
> 763
        2014 |  -.0244296   .0108165    -2.26   0.024    -.0456467   -.0032
> 125
             |
       _cons |   .0292549   .0051338     5.70   0.000     .0191847    .0393
> 251
-------------+----------------------------------------------------------------
> ----

370 .         outreg2 using oth23, label replace dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
oth23.tex
dir : seeout

371 .         global x "delta_OTH1 delta_MIX1"

372 .         reg $y $x  $params, robust

Linear regression                               Number of obs =    1
> 504
                                                F( 10,  1493) =   14
> .57
                                                Prob > F      =  0.0
> 000
                                                R-squared     =  0.1
> 027
                                                Root MSE      =  .08
> 632

-------------+----------------------------------------------------------------
> ----
             |               Robust
 delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_OTH1 |   .1514184   .0139931    10.82   0.000     .1239701    .1788
> 667
  delta_MIX1 |  -.0122389   .0130727    -0.94   0.349    -.0378817     .013
> 404
             |
       sexe  |
          M  |  -.0170944   .0045632    -3.75   0.000    -.0260453   -.0081
> 435
             |
       debut |
        2006 |   .0105515    .010091     1.05   0.296    -.0092425    .0303
> 456
        2007 |    .003468   .0071151     0.49   0.626    -.0104887    .0174
> 247
        2008 |  -.0173599   .0070709    -2.46   0.014    -.0312298     -.00
> 349
```

```
        2009 |  -.0069925   .0069017    -1.01   0.311    -.0205307    .0065
> 456
        2011 |  -.0130559   .0070068    -1.86   0.063    -.0268001    .0006
> 884
        2012 |  -.0243901   .0498434    -0.49   0.625    -.1221606    .0733
> 805
        2014 |  -.0204779   .0126966    -1.61   0.107    -.0453829    .0044
> 272
             |
       _cons |   .0283967   .0051271     5.54   0.000     .0183397    .0384
> 538
-------------+----------------------------------------------------------------
> ----

373 .         outreg2 using oth23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
oth23.tex
dir : seeout

374 .         global x "delta_SCI1 delta_OTH1"

375 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 504
                                                       F( 10,  1493) =   14
> .52
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.1
> 024
                                                       Root MSE      =  .08
> 633

-------------+----------------------------------------------------------------
> ----
             |               Robust
  delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .0421901   .0592664     0.71   0.477    -.0740642    .1584
> 444
  delta_OTH1 |   .1606945   .0187443     8.57   0.000     .1239266    .1974
> 623
             |
        sexe |
           M |  -.0170959   .0045642    -3.75   0.000    -.0260487    -.008
> 143
             |
       debut |
        2006 |   .0106715   .0100792     1.06   0.290    -.0090994    .0304
> 423
```

```
        2007 |   .0035975   .0071168     0.51   0.613    -.0103625    .0175
> 575
        2008 |  -.0172374   .0070621    -2.44   0.015    -.0310901   -.0033
> 847
        2009 |  -.0069662   .0069022    -1.01   0.313    -.0205052    .0065
> 729
        2011 |  -.0129935   .0070072    -1.85   0.064    -.0267384    .0007
> 515
        2012 |  -.0244525    .049836    -0.49   0.624    -.1222084    .0733
> 035
        2014 |  -.0201185   .0128769    -1.56   0.118    -.0453773    .0051
> 404
             |
       _cons |   .0283081   .0051231     5.53   0.000     .0182588    .0383
> 574
-------------+----------------------------------------------------------------
> ----

376 .         outreg2 using oth23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
oth23.tex
dir : seeout

377 .         global x "delta_SCI1"

378 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 505
                                                       F(  9,  1495) =    8
> .49
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 503
                                                       Root MSE      =  .08
> 875

-------------+----------------------------------------------------------------
> ----
             |               Robust
  delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |  -.3091536   .0452875    -6.83   0.000    -.3979874   -.2203
> 197
             |
        sexe |
          M  |  -.0192091   .0046731    -4.11   0.000    -.0283755   -.0100
> 426
             |
       debut |
```

```
        2006 |   .0124827   .0104421     1.20   0.232    -.0080001    .0329
> 655
        2007 |   .0060744   .0072857     0.83   0.405    -.0082169    .0203
> 656
        2008 |  -.0129992    .007183    -1.81   0.071     -.027089    .0010
> 906
        2009 |  -.0049621   .0070075    -0.71   0.479    -.0187076    .0087
> 834
        2011 |  -.0124267   .0072241    -1.72   0.086    -.0265972    .0017
> 437
        2012 |  -.0312758   .0503804    -0.62   0.535    -.1300996     .067
> 548
        2014 |  -.0182495   .0088699    -2.06   0.040    -.0356482   -.0008
> 508
             |
       _cons |   .0276843   .0052268     5.30   0.000     .0174317    .0379
> 368
-------------+------------------------------------------------------------
> ----
```

```
379 .         outreg2 using oth23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
oth23.tex
dir : seeout
```

```
380 .         global x "delta_MIX1"
```

```
381 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 504
                                                       F(  9,  1494) =    4
> .72
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 203
                                                       Root MSE      =  .09
> 017
-------------+------------------------------------------------------------
> ----
             |               Robust
 delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_MIX1 |   -.021301   .0134997    -1.58   0.115    -.0477814    .0051
> 795
             |
        sexe |
          M  |  -.0199512    .004723    -4.22   0.000    -.0292156   -.0106
> 868
```

```
             |
       debut |
        2006 |    .011654   .0105889     1.10   0.271    -.0091167    .0324
> 246
        2007 |   .0043575   .0073023     0.60   0.551    -.0099664    .0186
> 813
        2008 |  -.0125507    .007421    -1.69   0.091    -.0271074    .0020
> 061
        2009 |  -.0045212   .0071818    -0.63   0.529    -.0186087    .0095
> 663
        2011 |  -.0114826   .0073735    -1.56   0.120    -.0259461     .002
> 981
        2012 |  -.0311511   .0519286    -0.60   0.549    -.1330119    .0707
> 097
        2014 |  -.0196568   .0057185    -3.44   0.001     -.030874   -.0084
> 396
             |
       _cons |   .0282976   .0053398     5.30   0.000     .0178233     .038
> 772
-------------+----------------------------------------------------------------
> ----
```

```
382 .         outreg2 using oth23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
oth23.tex
dir : seeout

383 .         global x "delta_OTH1"

384 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 504
                                                       F(  9,  1494) =   16
> .11
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.1
> 021
                                                       Root MSE      =  .08
> 632
```

```
------------------------------------------------------------------------------
> ----
             |               Robust
 delta_OTH23 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_OTH1 |   .1521967   .0140051    10.87   0.000     .1247249    .1796
> 685
             |
        sexe |
          M  |  -.0171383    .004563    -3.76   0.000    -.0260889   -.0081
> 877
             |
       debut |
       2006  |   .0107972    .010062     1.07   0.283    -.0089401    .0305
> 344
       2007  |   .0038133   .0071272     0.54   0.593    -.0101672    .0177
> 937
       2008  |  -.0170874   .0070395    -2.43   0.015    -.0308959    -.003
> 279
       2009  |  -.0068916   .0068927    -1.00   0.318     -.020412    .0066
> 287
       2011  |  -.0130387    .007005    -1.86   0.063    -.0267794     .000
> 702
       2012  |   -.024767   .0497469    -0.50   0.619    -.1223482    .0728
> 142
       2014  |  -.0199783   .0129108    -1.55   0.122    -.0453035    .0053
> 469
             |
       _cons |   .0282453   .0051181     5.52   0.000     .0182058    .0382
> 847
------------------------------------------------------------------------------
> ----

385 .         outreg2 using oth23, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut i.sexe)
oth23.tex
dir : seeout

386 .         global y = "quant_2"
```

```
387 .         global x "delta_SCI1 delta_MIX1"

388 .         global params "i.sexe ib(2010).debut"

389 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 909
                                                       F( 11,  1897) =    5
> .90
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 307
                                                       Root MSE      =  .20
> 846

------------------------------------------------------------------------------
> ----
             |               Robust
    quant_2  |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .4852183   .1156213     4.20   0.000       .25846     .7119
> 766
  delta_MIX1 |   .1802611   .0322624     5.59   0.000     .1169876     .2435
> 346
             |
        sexe |
          M  |  -.0056362   .0101359    -0.56   0.578     -.025515     .0142
> 426
             |
       debut |
        2006 |   .0352738   .0156516     2.25   0.024     .0045776     .0659
> 699
        2007 |   .0611369   .0143452     4.26   0.000     .0330028      .089
> 271
        2008 |   .0726562   .0145938     4.98   0.000     .0440346     .1012
> 777
        2009 |   .0488052   .0151723     3.22   0.001      .019049     .0785
> 614
        2011 |   .0285632   .0178544     1.60   0.110    -.0064531     .0635
> 795
        2012 |  -.0045225   .0256685    -0.18   0.860    -.0548639      .045
> 819
        2013 |  -.0413799   .0445888    -0.93   0.354    -.1288281     .0460
> 683
        2014 |   .0300988   .0774276     0.39   0.698    -.1217535     .1819
> 511
             |
       _cons |   .5478396   .0129809    42.20   0.000     .5223812      .573
> 298
```

```
------------+------------------------------------------------------------
> ----

390 .         outreg2 using quant2, label replace dec(3) tex(frag pr) drop(ib(2
> 010).debut i.sexe)
quant2.tex
dir : seeout

391 .         global x "delta_OTH1 delta_MIX1"

392 .         reg $y $x  $params, robust

Linear regression                               Number of obs =     1
> 909
                                                F( 11,  1897) =     5
> .99
                                                Prob > F      =   0.0
> 000
                                                R-squared     =   0.0
> 306
                                                Root MSE      =   .20
> 847
------------+------------------------------------------------------------
> ----
            |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+------------------------------------------------------------
> ----
  delta_OTH1 |   -.107597   .0247577    -4.35   0.000    -.1561522   -.0590
> 419
  delta_MIX1 |   .0727888   .0229335     3.17   0.002     .0278112    .1177
> 664
             |
        sexe |
           M |  -.0058232   .0101318    -0.57   0.566    -.0256938    .0140
> 475
             |
       debut |
        2006 |   .0347742   .0156839     2.22   0.027     .0040147    .0655
> 337
        2007 |   .0607947   .0143537     4.24   0.000     .0326439    .0889
> 454
        2008 |   .0722689   .0145865     4.95   0.000     .0436616    .1008
> 763
        2009 |   .0491167   .0151693     3.24   0.001     .0193664     .078
> 867
        2011 |   .0282504   .0178473     1.58   0.114    -.0067519    .0632
> 528
        2012 |  -.0048488   .0256841    -0.19   0.850    -.0552207    .0455
> 232
        2013 |  -.0420395   .0445374    -0.94   0.345    -.1293869    .0453
```

```
> 078
       2014 |   .0275291   .0781963     0.35   0.725    -.1258307    .1808
> 889
            |
       _cons |   .5482736   .0129808    42.24   0.000     .5228154    .5737
> 318
------------+------------------------------------------------------------
> ----

393 .         outreg2 using quant2, label append dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
quant2.tex
dir : seeout

394 .         global x "delta_SCI1 delta_OTH1"

395 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 909
                                                       F( 11,  1897) =    5
> .97
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 304
                                                       Root MSE      =   .2
> 085

------------+------------------------------------------------------------
> ----
            |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+------------------------------------------------------------
> ----
  delta_SCI1 |  -.3117509   .1064482    -2.93   0.003    -.5205187   -.1029
> 832
  delta_OTH1 |  -.1760953   .0317895    -5.54   0.000    -.2384413   -.1137
> 493
            |
        sexe |
          M |  -.0058936   .0101303    -0.58   0.561    -.0257614    .0139
> 742
            |
       debut |
       2006 |   .0343991   .0156915     2.19   0.028     .0036247    .0651
> 735
       2007 |   .0604917   .0143456     4.22   0.000     .0323569    .0886
> 265
       2008 |   .0719349   .0145752     4.94   0.000     .0433498    .1005
> 201
       2009 |   .0492733   .0151689     3.25   0.001     .0195238    .0790
```

```
> 228
       2011 |   .0280548   .0178439     1.57   0.116    -.0069409    .0630
> 505
       2012 |  -.0051106   .0257027    -0.20   0.842    -.0555192     .045
> 298
       2013 |  -.0425586   .0445044    -0.96   0.339    -.1298413     .044
> 724
       2014 |   .0257505   .0786337     0.33   0.743     -.128467     .179
> 968
            |
       _cons |    .548559   .0129768    42.27   0.000     .5231086    .5740
> 093
------------+------------------------------------------------------------
> ----

396 .         outreg2 using quant2, label append dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
quant2.tex
dir : seeout

397 .         global x "delta_SCI1"

398 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =    1
> 910
                                                       F( 10,  1899) =    3
> .84
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 194
                                                       Root MSE      =  .20
> 957

------------+------------------------------------------------------------
> ----
            |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+------------------------------------------------------------
> ----
  delta_SCI1 |   .0847456   .0831973     1.02   0.309     -.078422    .2479
> 133
            |
        sexe |
          M |  -.0031279   .0101889    -0.31   0.759    -.0231106    .0168
> 547
            |
       debut |
       2006 |   .0343034   .0155367     2.21   0.027     .0038326    .0647
> 742
       2007 |   .0596547   .0143744     4.15   0.000     .0314634    .0878
```

```
> 459
       2008 |   .0691531   .0145807     4.74   0.000     .0405572    .0977
> 489
       2009 |   .0475971   .0153137     3.11   0.002     .0175637    .0776
> 306
       2011 |   .0294012   .0179431     1.64   0.101     -.005789    .0645
> 915
       2012 |  -.0079185   .0258713    -0.31   0.760    -.0586578    .0428
> 207
       2013 |  -.0474734   .0443464    -1.07   0.285    -.1344461    .0394
> 994
       2014 |   .0256746    .075811     0.34   0.735     -.123007    .1743
> 561
            |
       _cons |   .5470417   .0130682    41.86   0.000     .5214122    .5726
> 711
------------+------------------------------------------------------------
> ----

399 .         outreg2 using quant2, label append dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
quant2.tex
dir : seeout

400 .         global x "delta_MIX1"

401 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =     1
> 909
                                                       F( 10,  1898) =     4
> .69
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.0
> 230
                                                       Root MSE      =   .20
> 924

------------+------------------------------------------------------------
> ----
            |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+------------------------------------------------------------
> ----
  delta_MIX1 |   .0786089   .0228542     3.44   0.001     .0337868    .1234
> 309
            |
        sexe |
          M |  -.0038524   .0101869    -0.38   0.705    -.0238311    .0161
> 263
            |
```

```
             debut |
             2006  |    .035994   .0155608     2.31   0.021     .0054759    .0665
> 121
             2007  |    .062159    .014358     4.33   0.000     .0339999    .0903
> 181
             2008  |   .0707826   .0146493     4.83   0.000     .0420521    .0995
> 131
             2009  |   .0482158   .0153161     3.15   0.002     .0181776     .078
> 254
             2011  |   .0296709   .0179001     1.66   0.098    -.0054351    .0647
> 769
             2012  |  -.0075072   .0258769    -0.29   0.772    -.0582574     .043
> 243
             2013  |  -.0466621   .0443365    -1.05   0.293    -.1336154    .0402
> 912
             2014  |   .0289246   .0779519     0.37   0.711    -.1239558     .181
> 805
                   |
             _cons |   .5463759   .0131013    41.70   0.000     .5206815    .5720
> 703
-------------------+----------------------------------------------------------------
> ----
```

```
402 .         outreg2 using quant2, label append dec(3) tex(frag pr) drop(ib(20
> 10).debut i.sexe)
quant2.tex
dir : seeout

403 .         global x "delta_OTH1"

404 .         reg $y $x  $params, robust

Linear regression                                      Number of obs =     1
> 909
                                                       F( 10,  1898) =     5
> .62
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.0
> 272
                                                       Root MSE      =   .20
> 878
```

```
------------------------------------------------------------------------------
             |               Robust
    quant_2  |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
  delta_OTH1 |  -.1114431   .0246026    -4.53   0.000    -.1596941   -.0631922
             |
        sexe |
          M  |  -.0051609   .0101361    -0.51   0.611    -.0250399    .0147181
             |
       debut |
       2006  |   .0335511   .0156262     2.15   0.032     .0029048    .0641974
       2007  |   .0589918   .0143427     4.11   0.000     .0308626     .087121
       2008  |   .0708512   .0145379     4.87   0.000     .0423392    .0993632
       2009  |   .0484121    .015197     3.19   0.001     .0186075    .0782167
       2011  |   .0281407   .0178838     1.57   0.116    -.0069333    .0632146
       2012  |  -.0054576   .0257006    -0.21   0.832    -.0558619    .0449467
       2013  |  -.0431849   .0445002    -0.97   0.332    -.1304594    .0440897
       2014  |   .0248672   .0768043     0.32   0.746    -.1257625    .1754969
             |
       _cons |   .5486819   .0129646    42.32   0.000     .5232555    .5741083
------------------------------------------------------------------------------
```

```
405 .         outreg2 using quant2, label append dec(3) tex(frag pr) drop(ib(20
    > 10).debut i.sexe)
    quant2.tex
    dir : seeout
```

```
406 .
407 .
408 .         global x "delta_SCI1 delta_MIX1"

409 .         global params "i.sexe ib(2010).debut"

410 .
411 .         reg quant_2 $x  $params , robust

Linear regression                                     Number of obs =    1
> 909
                                                      F( 11,  1897) =    5
> .90
                                                      Prob > F      =  0.0
> 000
                                                      R-squared     =  0.0
> 307
                                                      Root MSE      =  .20
> 846

------------------------------------------------------------------------------
> ----
             |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .4852183   .1156213     4.20   0.000       .25846    .7119
> 766
  delta_MIX1 |   .1802611   .0322624     5.59   0.000     .1169876    .2435
> 346
             |
        sexe |
          M  |  -.0056362   .0101359    -0.56   0.578     -.025515    .0142
> 426
             |
       debut |
        2006 |   .0352738   .0156516     2.25   0.024     .0045776    .0659
> 699
        2007 |   .0611369   .0143452     4.26   0.000     .0330028     .089
> 271
        2008 |   .0726562   .0145938     4.98   0.000     .0440346    .1012
> 777
        2009 |   .0488052   .0151723     3.22   0.001      .019049    .0785
> 614
        2011 |   .0285632   .0178544     1.60   0.110    -.0064531    .0635
> 795
        2012 |  -.0045225   .0256685    -0.18   0.860    -.0548639     .045
> 819
        2013 |  -.0413799   .0445888    -0.93   0.354    -.1288281    .0460
> 683
        2014 |   .0300988   .0774276     0.39   0.698    -.1217535    .1819
> 511
```

```
       _cons |   .5478396   .0129809    42.20   0.000     .5223812     .573
> 298
-------------+----------------------------------------------------------------
> ----

412 .         outreg2 using results2, label replace dec(3) tex(frag pr) drop(ib
> (2010).debut)
results2.tex
dir : seeout

413 .         reg moyenne_2 $x $params , robust

Linear regression                                      Number of obs =    1
> 909
                                                       F( 11,  1897) =   65
> .95
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.3
> 645
                                                       Root MSE      =  .70
> 311
-------------+----------------------------------------------------------------
> ----
             |               Robust
   moyenne_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   1.272174   .3841008     3.31   0.001     .5188696    2.025
> 478
  delta_MIX1 |   .5010071   .1045379     4.79   0.000     .2959858    .7060
> 285
             |
        sexe |
           M |  -.0041064   .0348973    -0.12   0.906    -.0725476    .0643
> 347
             |
       debut |
        2006 |   .0916419   .0466968     1.96   0.050     .0000594    .1832
> 245
        2007 |   .2096313   .0456828     4.59   0.000     .1200376     .299
> 225
        2008 |    .266222   .0459121     5.80   0.000     .1761784    .3562
> 656
        2009 |   .2148245   .0497391     4.32   0.000     .1172755    .3123
> 735
        2011 |  -.1255175   .0660874    -1.90   0.058    -.2551291     .004
> 094
        2012 |  -1.620029   .0932499   -17.37   0.000    -1.802912   -1.437
> 146
```

```
        2013 |  -1.606652   .1430054   -11.23   0.000    -1.887116   -1.326
> 188
        2014 |  -.8319772   .1923806    -4.32   0.000    -1.209277   -.4546
> 775
             |
       _cons |    4.19103   .0475684    88.11   0.000     4.097738    4.284
> 322
-------------+----------------------------------------------------------------
> ----

414 .         outreg2 using results2, label append dec(3) tex(frag pr) drop(ib(
> 2010).debut)
results2.tex
dir : seeout

415 .         reg quant_3 $x  $params , robust

Linear regression                                      Number of obs =    1
> 103
                                                       F(  8,  1094) =    3
> .77
                                                       Prob > F      =  0.0
> 002
                                                       R-squared     =  0.0
> 257
                                                       Root MSE      =   .1
> 571

-------------+----------------------------------------------------------------
> ----
             |               Robust
    quant_3  |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |  -.2578641   .1233216    -2.09   0.037    -.4998378   -.0158
> 904
  delta_MIX1 |  -.0514934   .0347659    -1.48   0.139    -.1197088    .0167
> 219
             |
        sexe |
           M |    -.03616   .0097156    -3.72   0.000    -.0552234   -.0170
> 966
             |
       debut |
        2006 |  -.0238357   .0192749    -1.24   0.216    -.0616558    .0139
> 843
        2007 |  -.0000806   .0152228    -0.01   0.996    -.0299497    .0297
> 885
        2008 |   .0071709    .014734     0.49   0.627    -.0217392     .036
> 081
        2009 |   .0208071   .0149893     1.39   0.165     -.008604    .0502
> 181
```

```
        2011 |   .0361324   .0151465     2.39   0.017      .006413    .0658
> 519
             |
       _cons |   .6587035   .0115024    57.27   0.000     .6361343    .6812
> 727
-------------+------------------------------------------------------------
> ----

416 .         outreg2 using results3, label replace dec(3) tex(frag pr) drop(ib
> (2010).debut)
results3.tex
dir : seeout

417 .         reg moyenne_3 $x $params , robust

Linear regression                                      Number of obs =    1
> 103
                                                       F(  8,  1094) =    2
> .12
                                                       Prob > F      =  0.0
> 317
                                                       R-squared     =  0.0
> 147
                                                       Root MSE      =  .40
> 286

-------------+------------------------------------------------------------
> ----
             |               Robust
   moyenne_3 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_SCI1 |  -.2635065   .3167249    -0.83   0.406    -.8849635    .3579
> 505
  delta_MIX1 |  -.0591789   .0868408    -0.68   0.496    -.2295722    .1112
> 144
             |
        sexe |
          M  |  -.0708711   .0249057    -2.85   0.005    -.1197394   -.0220
> 027
             |
       debut |
        2006 |  -.0912709   .0485508    -1.88   0.060    -.1865341    .0039
> 923
        2007 |  -.0051734   .0397405    -0.13   0.896    -.0831495    .0728
> 028
        2008 |  -.0051696   .0377223    -0.14   0.891    -.0791858    .0688
> 466
        2009 |   .0355334   .0389685     0.91   0.362     -.040928    .1119
> 948
        2011 |   .0450899   .0405996     1.11   0.267    -.0345719    .1247
> 518
```

```
       _cons |   4.782603   .0307797   155.38   0.000     4.722209    4.842
> 997
-------------+----------------------------------------------------------------
> ----

418 .         outreg2 using results3, label append dec(3) tex(frag pr) drop(ib(
> 2010).debut)
results3.tex
dir : seeout

419 .
420 .
421 .
422 .         global params "i.sexe ib(2010).debut"

423 .         reg quant_2 $x  $params if vieuxCours == 1, robust

Linear regression                                      Number of obs =    1
> 385
                                                       F(  7,  1377) =    7
> .36
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 370
                                                       Root MSE      =  .18
> 348

-------------+----------------------------------------------------------------
> ----
             |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .5085617   .1152311     4.41   0.000     .2825142    .7346
> 092
  delta_MIX1 |   .1703217   .0316057     5.39   0.000     .1083212    .2323
> 223
             |
        sexe |
          M  |   .0075906   .0104587     0.73   0.468     -.012926    .0281
> 072
             |
       debut |
        2006 |    .035233   .0155071     2.27   0.023     .0048129    .0656
> 532
        2007 |   .0613682   .0143353     4.28   0.000     .0332467    .0894
> 896
        2008 |   .0716175   .0145852     4.91   0.000      .043006    .1002
> 291
        2009 |   .0484829   .0151716     3.20   0.001     .0187209    .0782
```

```
> 448
       _cons |   .5392564   .0131021    41.16   0.000     .5135542    .5649
> 586
-------------+----------------------------------------------------------------
> ----

424 .         outreg2 using robu2, label replace dec(3) tex(frag pr) drop(ib(20
> 10).debut)
robu2.tex
dir : seeout

425 .         global params "i.sexe ib(2011).debut"

426 .         reg quant_2 $x  $params if vieuxCours == 0, robust

Linear regression                                      Number of obs =
> 524
                                                       F(  6,   517) =    2
> .49
                                                       Prob > F      =  0.0
> 219
                                                       R-squared     =  0.0
> 228
                                                       Root MSE      =  .26
> 323
-------------+----------------------------------------------------------------
> ----
             |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   .4417709   .2994356     1.48   0.141    -.1464892    1.030
> 031
  delta_MIX1 |   .2437796    .098701     2.47   0.014     .0498753    .4376
> 838
             |
        sexe |
          M  |  -.0413308   .0239767    -1.72   0.085    -.0884345    .0057
> 729
             |
       debut |
       2012  |  -.0326955   .0274236    -1.19   0.234    -.0865708    .0211
> 799
       2013  |  -.0715095   .0454339    -1.57   0.116    -.1607673    .0177
> 484
       2014  |  -.0020021   .0776457    -0.03   0.979     -.154542    .1505
> 378
             |
       _cons |   .5981868   .0201188    29.73   0.000     .5586622    .6377
> 115
```

```
-------------+------------------------------------------------------------
> ----

427 .         outreg2 using robu2, label append dec(3) tex(frag pr) drop(ib(201
> 0).debut)
robu2.tex
dir : seeout

428 .
429 .         global params "i.sexe ib(2010).debut"

430 .         reg quant_3 $x  $params if vieuxCours == 1, robust

Linear regression                                      Number of obs =
> 931
                                                       F(  7,   923) =    1
> .81
                                                       Prob > F      =  0.0
> 827
                                                       R-squared     =  0.0
> 136
                                                       Root MSE      =  .15
> 782

-------------+------------------------------------------------------------
> ----
             |               Robust
    quant_3  |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
  delta_SCI1 |  -.1330664   .1323298    -1.01   0.315    -.3927686    .1266
> 357
  delta_MIX1 |  -.0208875   .0365796    -0.57   0.568    -.0926764    .0509
> 014
             |
       sexe  |
         M   |  -.0280552   .0106879    -2.62   0.009    -.0490305   -.0070
> 798
             |
       debut |
      2006   |  -.0236584   .0192489    -1.23   0.219    -.0614351    .0141
> 183
      2007   |   .0003904   .0152105     0.03   0.980    -.0294607    .0302
> 416
      2008   |   .0077239    .014725     0.52   0.600    -.0211744    .0366
> 223
      2009   |   .0211043   .0150031     1.41   0.160    -.0083398    .0505
> 485
             |
      _cons  |   .6530463   .0118716    55.01   0.000     .6297478    .6763
> 448
-------------+------------------------------------------------------------
```

```
    > ———

431 .         outreg2 using robu3, label replace dec(3) tex(frag pr) drop(ib(20
    > 10).debut)
    robu3.tex
    dir : seeout

432 .         global params "i.sexe ib(2011).debut"

433 .         reg quant_3 $x  $params if vieuxCours == 0, robust

    Linear regression                                      Number of obs =
    > 172
                                                           F(  3,   168) =   10
    > .44
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.1
    > 236
                                                           Root MSE      =  .14
    > 885

    ————————————————————————————————————————————————————————————————————————
    > ———
                 |               Robust
       quant_3   |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    ————————————————————————————————————————————————————————————————————————
    > ———
      delta_SCI1 |  -1.230736   .3148547    -3.91   0.000    -1.852317   -.6091
    > 541
      delta_MIX1 |  -.2980956    .100362    -2.97   0.003    -.4962288   -.0999
    > 623
                 |
            sexe |
              M  |  -.0814513   .0233459    -3.49   0.001    -.1275404   -.0353
    > 621
                 |
           _cons |   .7249628   .0170371    42.55   0.000     .6913283    .7585
    > 973
    ————————————————————————————————————————————————————————————————————————
    > ———
```

```
434 .         outreg2 using robu3, label append dec(3) tex(frag pr) drop(ib(201
    > 0).debut)
    robu3.tex
    dir : seeout

435 .
436 .         global params "i.sexe ib(52).matu_nom" //eco

437 .         reg moyenne $params, robust

    Linear regression                                      Number of obs =    2
    > 460
                                                           F( 12,  2447) =   44
    > .43
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.1
    > 535
                                                           Root MSE      =  .85
    > 805

    ------------------------------------------------------------------------------
    > ----------------------------------------
                                                  |               Robust
                                         moyenne  |      Coef.   Std. Err
    > .
    >        t
    >             P>|t|
    >                        [95% Con
    >                                f. Interval]
    ------------------------------------------------------------------------------
    > ----------------------------------------
                                           sexe   |
                                              M   |   .0152176    .037201
    >      0.41
    >             0.683
    >                       -.0577312
    >                                    .0881663
                                                  |
                                         matu_nom |
                                                0 |  -.5634335    .085388
    >     -6.60
    >             0.000
    >                       -.7308738
    >                                   -.3959933
     Baccalaureat general français des series L, ES, S |  -.5933644   .0601451
    >     -9.87
    >             0.000
    >                       -.7113049
    >                                   -.4754239
                           Certificat d'acces etranger |   .2544978   .0592502
    >      4.30
    >             0.000
```

```
>                       .138312
>                                    .3706836
Diplôme de fin d'etudes secondaires, section B, C,  |  -.2567393   .1636909
>     -1.57
>             0.117
>                      -.5777263
>                                    .0642477
Maturite de la Commission suisse de maturite (CSM)  |  -.3931105   .0785534
>     -5.00
>             0.000
>                      -.5471486
>                                   -.2390725
  Maturite gymnasiale, option : Biologie et chimie  |  -.2704036   .0854397
>     -3.16
>             0.002
>                      -.4379452
>                                    -.102862
      Maturite gymnasiale, option : Langue moderne  |  -.3142844   .0952226
>     -3.30
>             0.001
>                      -.5010096
>                                   -.1275592
Maturite gymnasiale, option : Philosophie / pedago  |  -.5162851   .1579416
>     -3.27
>             0.001
>                       -.825998
>                                   -.2065722
Maturite gymnasiale, option : Physique et applicat  |   .3768171     .06196
>      6.08
>             0.000
>                       .2553177
>                                    .4983165
Maturite professionnelle avec examen complementair  |  -.2046379   .1544183
>     -1.33
>             0.185
>                       -.507442
>                                    .0981661
Nouvelle maturite cant.gymnasiale rec. par Confed.  |   .3871554   .0441751
>      8.76
>             0.000
>                        .300531
>                                    .4737799
                                                    |
                                          _cons     |   4.065899   .0423644
>     95.97
>             0.000
>                       3.982825
>                                    4.148973
------------------------------------------------------------------------------
> ------------------------------------------
```

```
438 .         outreg2 using matu, label replace dec(3) tex(frag pr)
    matu.tex
    dir : seeout

439 .         global params "i.sexe ib(52).matu_nom ib(2010).debut" //eco

440 .         reg moyenne $params, robust

    Linear regression                                      Number of obs =    2
    > 460
                                                           F( 20,  2439) =   93
    > .31
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.3
    > 134
                                                           Root MSE      =  .77
    > 406
    ------------------------------------------------------------------------------
    > ----------------------------------------
                                                  |               Robust
                                         moyenne  |      Coef.   Std. Err
    > .
    >        t
    >             P>|t|
    >                        [95% Con
    >                                f. Interval]
    ------------------------------------------------------------------------------
    > ----------------------------------------
                                            sexe  |
                                              M   |   .0170111   .0338299
    >      0.50
    >             0.615
    >                        -.0493272
    >                                    .0833493
                                                  |
                                          matu_nom|
                                                0 |  -.4198335   .0774513
    >     -5.42
    >             0.000
    >                        -.5717106
    >                                   -.2679563
     Baccalaureat general français des series L, ES, S  |  -.3942219   .0573709
    >     -6.87
    >             0.000
    >                        -.5067226
    >                                   -.2817212
                             Certificat d'acces etranger  |  -.3185663   .0640696
    >     -4.97
    >             0.000
    >                        -.4442027
    >                                   -.1929299
```

```
Diplôme de fin d'etudes secondaires, section B, C,  |  -.1958327   .1651565
>     -1.19
>            0.236
>                     -.5196941
>                                  .1280287
Maturite de la Commission suisse de maturite (CSM)  |  -.4737258   .0717538
>     -6.60
>            0.000
>                     -.6144306
>                                 -.3330211
  Maturite gymnasiale, option : Biologie et chimie  |  -.1950567   .0790417
>     -2.47
>            0.014
>                     -.3500526
>                                 -.0400609
      Maturite gymnasiale, option : Langue moderne  |  -.2204829   .0839687
>     -2.63
>            0.009
>                     -.3851403
>                                 -.0558255
Maturite gymnasiale, option : Philosophie / pedago  |  -.3714656   .1181074
>     -3.15
>            0.002
>                     -.6030667
>                                 -.1398644
Maturite gymnasiale, option : Physique et applicat  |   .3528391   .0588596
>      5.99
>            0.000
>                      .2374191
>                                  .468259
Maturite professionnelle avec examen complementair  |   -.126277   .1107201
>     -1.14
>            0.254
>                     -.3433922
>                                  .0908382
Nouvelle maturite cant.gymnasiale rec. par Confed.  |  -.2355247   .0613304
>     -3.84
>            0.000
>                     -.3557898
>                                 -.1152596
                                                    |
                                          debut     |
                                          2006      |   .6027041   .0678899
>      8.88
>            0.000
>                      .4695763
>                                  .7358319
                                          2007      |   .7512749    .067003
>     11.21
>            0.000
>                      .6198862
>                                  .8826635
                                          2008      |   .5277487   .0545066
```

```
>      9.68
>             0.000
>                      .4208647
>                                  .6346328
                                             2009 |   .0066039   .0580469
>      0.11
>             0.909
>                     -.1072224
>                                  .1204302
                                             2011 |  -.0321336   .0601166
>     -0.53
>             0.593
>                     -.1500185
>                                  .0857513
                                             2012 |  -.8134212   .0622008
>    -13.08
>             0.000
>                     -.9353931
>                                 -.6914493
                                             2013 |  -1.058579   .0815199
>    -12.99
>             0.000
>                     -1.218434
>                                 -.8987237
                                             2014 |  -.9084986   .1640377
>     -5.54
>             0.000
>                     -1.230166
>                                  -.586831
                                             |
                                       _cons |   4.100059   .0516578
>     79.37
>             0.000
>                      3.998761
>                                  4.201356
-------------------------------------------+------------------------------
> ------------------------------------------

441 .         outreg2 using matu, label append dec(3) tex(frag pr)  drop(ib(201
> 0).debut)
matu.tex
dir : seeout
```

```
442 .         global params "i.sexe ib(52).matu_nom" //eco

443 .         reg moyenne $params if etat == 3, robust

Linear regression                                      Number of obs =    1
> 451
                                                       F( 12,  1438) =    2
> .99
                                                       Prob > F      =  0.0
> 004
                                                       R-squared     =  0.0
> 311
                                                       Root MSE      =  .34
> 601

------------------------------------------------------------------------------
> ----------------------------------------
                                                |               Robust
                                       moyenne  |      Coef.   Std. Err
> .
>        t
>             P>|t|
>                        [95% Con
>                                f. Interval]
------------------------------------------------------------------------------
> ----------------------------------------
                                          sexe  |
                                            M   |  -.0030814   .0194584
>     -0.16
>             0.874
>                        -.0412513
>                                    .0350886
                                                |
                                        matu_nom|
                                               0|   .0015759    .043161
>      0.04
>             0.971
>                        -.0830894
>                                    .0862412
 Baccalaureat general français des series L, ES, S  |  -.0169506    .034771
>     -0.49
>             0.626
>                        -.0851579
>                                    .0512567
                        Certificat d'acces etranger  |  -.0059655    .034079
>     -0.18
>             0.861
>                        -.0728155
>                                    .0608844
Diplôme de fin d'etudes secondaires, section B, C,  |   .0021762   .0663361
>      0.03
>             0.974
>                        -.1279496
```

```
>                                    .1323021
Maturite de la Commission suisse de maturite (CSM)  |  -.0673542   .0380659
>     -1.77
>             0.077
>                       -.1420248
>                                    .0073164
  Maturite gymnasiale, option : Biologie et chimie  |  -.0755962   .0448775
>     -1.68
>             0.092
>                       -.1636286
>                                    .0124362
      Maturite gymnasiale, option : Langue moderne  |   .0371122   .0495738
>      0.75
>             0.454
>                       -.0601325
>                                     .134357
Maturite gymnasiale, option : Philosophie / pedago  |  -.0675427   .0647403
>     -1.04
>             0.297
>                       -.1945384
>                                    .0594529
Maturite gymnasiale, option : Physique et applicat  |   .1813406   .0400889
>      4.52
>             0.000
>                        .1027016
>                                    .2599795
Maturite professionnelle avec examen complementair  |  -.0747088   .0852737
>     -0.88
>             0.381
>                        -.241983
>                                    .0925654
Nouvelle maturite cant.gymnasiale rec. par Confed.  |   .0077719   .0255292
>      0.30
>             0.761
>                       -.0423065
>                                    .0578502
                                                    |
                                           _cons    |    4.58031   .0223829
>    204.63
>             0.000
>                        4.536403
>                                    4.624216
____________________________________________________|______________________

> ------------------------------------------
```

```
444 .         outreg2 using matu, label append dec(3) tex(frag pr)
    matu.tex
    dir : seeout

445 .         global params "i.sexe ib(52).matu_nom ib(2010).debut" //eco

446 .         eststo clear

447 .         eststo: reg moyenne $params if etat == 3, robust

    Linear regression                                      Number of obs =    1
    > 451
                                                           F( 17,  1433) =    4
    > .79
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.0
    > 469
                                                           Root MSE      =  .34
    > 376

    ------------------------------------------------------------------------------
    > ------------------------------------
                                                  |               Robust
                                         moyenne  |      Coef.   Std. Err
    > .
    >        t
    >             P>|t|
    >                        [95% Con
    >                                f. Interval]
    ------------------------------------------------------------------------------
    > ------------------------------------
                                            sexe  |
                                              M   |  -.0016553   .0193821
    >     -0.09
    >             0.932
    >                       -.0396757
    >                                    .036365
                                                  |
                                          matu_nom  |
                                                0   |   .0136278   .0420605
    >      0.32
    >             0.746
    >                       -.0688789
    >                                   .0961346
     Baccalaureat general français des series L, ES, S  |   -.018969   .0349251
    >     -0.54
    >             0.587
    >                       -.0874789
    >                                   .0495408
                           Certificat d'acces etranger  |   .0363867   .0409043
    >      0.89
    >             0.374
```

```
>                     -.0438521
>                                 .1166255
Diplôme de fin d'etudes secondaires, section B, C,  |   -.011635   .0664482
>     -0.18
>             0.861
>                     -.1419812
>                                 .1187112
Maturite de la Commission suisse de maturite (CSM)  |  -.0513712    .039298
>     -1.31
>             0.191
>                     -.1284589
>                                 .0257165
  Maturite gymnasiale, option : Biologie et chimie  |  -.0752536   .0449121
>     -1.68
>             0.094
>                     -.1633541
>                                 .0128469
      Maturite gymnasiale, option : Langue moderne  |   .0370057   .0504543
>      0.73
>             0.463
>                     -.0619666
>                                 .1359779
Maturite gymnasiale, option : Philosophie / pedago  |  -.0707234   .0634336
>     -1.11
>             0.265
>                      -.195156
>                                 .0537091
Maturite gymnasiale, option : Physique et applicat  |   .1756142   .0407242
>      4.31
>             0.000
>                      .0957287
>                                 .2554997
Maturite professionnelle avec examen complementair  |  -.0709149   .0844632
>     -0.84
>             0.401
>                     -.2365996
>                                 .0947698
Nouvelle maturite cant.gymnasiale rec. par Confed.  |    .071917   .0370231
>      1.94
>             0.052
>                     -.0007083
>                                 .1445423
                                                    |
                                          debut     |
                                          2006      |  -.1679323   .0401285
>     -4.18
>             0.000
>                     -.2466491
>                                -.0892155
                                          2007      |  -.0284149   .0402639
>     -0.71
>             0.480
>                     -.1073974
```

```
>                                    .0505675
                                              2008 |  -.0021681     .03157
>     -0.07
>             0.945
>                       -.0640965
>                                    .0597602
                                              2009 |  -.0205188   .0295476
>     -0.69
>             0.488
>                       -.0784799
>                                    .0374424
                                              2011 |   .0610837   .0297298
>      2.05
>             0.040
>                        .0027651
>                                    .1194023
                                                   |
                                              _cons |   4.572825   .0265992
>    171.92
>             0.000
>                        4.520648
>                                    4.625003
-------------------------------------------------------------------------------
> ----------------------------------------
(est1 stored)

448 .         outreg2 using matu, label append dec(3) tex(frag pr)  drop(ib(201
> 0).debut)
matu.tex
dir : seeout

449 .         esttab using matu.csv, replace wide plain se label
(output written to matu.csv)

450 .
451 .         logit fini $params , robust

note: 2012.debut != 0 predicts failure perfectly
      2012.debut dropped and 220 obs not used

note: 2013.debut != 0 predicts failure perfectly
      2013.debut dropped and 104 obs not used

note: 2014.debut != 0 predicts failure perfectly
      2014.debut dropped and 15 obs not used

Iteration 0:   log pseudolikelihood = -1322.9347
Iteration 1:   log pseudolikelihood = -1130.6915
Iteration 2:   log pseudolikelihood = -1114.3264
Iteration 3:   log pseudolikelihood = -1113.4345
Iteration 4:   log pseudolikelihood = -1113.4318
Iteration 5:   log pseudolikelihood = -1113.4318
```

```
Logistic regression                                     Number of obs   =       2
> 121
                                                        Wald chi2(17)   =     254
> .44
                                                        Prob > chi2     =     0.0
> 000
Log pseudolikelihood = -1113.4318                       Pseudo R2       =     0.1
> 584

------------------------------------------------------------------------------
> ----------------------------------------
                                                |               Robust
                                           fini |      Coef.   Std. Err
> .
>        z
>             P>|z|
>                        [95% Con
>                                f. Interval]
-------------------------------------------------+----------------------------
> ----------------------------------------
                                           sexe |
                                             M  |   .1027964   .1112236
>      0.92
>             0.355
>                        -.1151979
>                                    .3207906
                                                |
                                         matu_nom |
                                                0  |   -.804169   .2096284
>     -3.84
>             0.000
>                        -1.215033
>                                   -.3933049
 Baccalaureat general français des series L, ES, S  |  -.9307805   .1543876
>     -6.03
>             0.000
>                        -1.233375
>                                   -.6281864
                        Certificat d'acces etranger  |  -1.301374   .2600052
>     -5.01
>             0.000
>                        -1.810975
>                                   -.7917737
Diplôme de fin d'etudes secondaires, section B, C,  |  -.3974864   .3881696
>     -1.02
>             0.306
>                        -1.158285
>                                    .3633121
Maturite de la Commission suisse de maturite (CSM)  |  -1.104119   .1981539
>     -5.57
>             0.000
>                        -1.492494
>                                   -.7157447
```

```
  Maturite gymnasiale, option : Biologie et chimie  |  -.4134875   .2161281
>     -1.91
>            0.056
>                     -.8370907
>                                  .0101158
      Maturite gymnasiale, option : Langue moderne  |  -.6042318   .2433541
>     -2.48
>            0.013
>                     -1.081197
>                                 -.1272666
Maturite gymnasiale, option : Philosophie / pedago  |  -.7639941   .4852243
>     -1.57
>            0.115
>                     -1.715016
>                                  .1870281
Maturite gymnasiale, option : Physique et applicat  |   .5452991   .2268123
>      2.40
>            0.016
>                      .1007551
>                                   .989843
Maturite professionnelle avec examen complementair  |    .160712   .4794467
>      0.34
>            0.737
>                     -.7789862
>                                   1.10041
Nouvelle maturite cant.gymnasiale rec. par Confed.  |  -.8783849   .2525917
>     -3.48
>            0.001
>                     -1.373456
>                                 -.3833142
                                                    |
                                          debut     |
                                          2006      |  3.677076   .6327165
>      5.81
>            0.000
>                      2.436975
>                                   4.917178
                                          2007      |  3.739222   .4284511
>      8.73
>            0.000
>                      2.899473
>                                    4.57897
                                          2008      |  1.463341   .2153845
>      6.79
>            0.000
>                      1.041195
>                                   1.885487
                                          2009      |  .0695505     .13646
>      0.51
>            0.610
>                     -.1979063
>                                   .3370072
                                          2011      |  -.3347069   .1350928
```

```
>     -2.48
>             0.013
>                      -.599484
>                                  -.0699299
                                             2012 |          0  (empty)
                                             2013 |          0  (empty)
                                             2014 |          0  (empty)
                                                  |
                                             _cons |   .7799013   .1471191
>      5.30
>             0.000
>                      .4915531
>                                   1.068249
-------------------------------------------------------------------------------
> ------------------------------------------
```

```
452 .         outreg2 using matuLogit, label replace dec(3) tex(frag pr)  drop(
> ib(2010).debut)
matuLogit.tex
dir : seeout
```

```
453 .         margins, dydx(*) atmeans post

Conditional marginal effects                      Number of obs   =        2
> 121
Model VCE    : Robust

Expression   : Pr(fini), predict()
dy/dx w.r.t. : 2.sexe 0.matu_nom 12.matu_nom 27.matu_nom 37.matu_nom
               48.matu_nom 51.matu_nom 53.matu_nom 55.matu_nom
               56.matu_nom 58.matu_nom 60.matu_nom 2006.debut 2007.debut
               2008.debut 2009.debut 2011.debut 2012.debut 2013.debut
               2014.debut
at           : 1.sexe          =     .349835 (mean)
               2.sexe          =     .650165 (mean)
               0.matu_nom      =    .0669496 (mean)
               12.matu_nom     =    .1409712 (mean)
               27.matu_nom     =    .0905233 (mean)
               37.matu_nom     =    .0150872 (mean)
               48.matu_nom     =    .0801509 (mean)
               51.matu_nom     =    .0556341 (mean)
               52.matu_nom     =    .2432815 (mean)
               53.matu_nom     =    .0443187 (mean)
               55.matu_nom     =    .0117869 (mean)
               56.matu_nom     =    .0792079 (mean)
               58.matu_nom     =    .0122584 (mean)
               60.matu_nom     =    .1598303 (mean)
               2006.debut      =    .0504479 (mean)
               2007.debut      =    .1202263 (mean)
               2008.debut      =    .1532296 (mean)
               2009.debut      =    .2206506 (mean)
               2010.debut      =    .2545969 (mean)
               2011.debut      =    .2008487 (mean)
```

```
------------------------------------------------------------------------------
> ----------------------------------------------
                                                |            Delta-meth
> od
                                                |      dy/dx   Std. Err
> .
>        z
>             P>|z|
>                        [95% Con
>                                f. Interval]
------------------------------------------------------------------------------
> ----------------------------------------------
                                          sexe  |
                                            M   |   .0193817   .0212177
>      0.91
>             0.361
>                        -.0222042
>                                    .0609677
                                                |
                                         matu_nom
                                            0   |  -.1388889   .0409621
>     -3.39
>             0.001
>                        -.2191732
>                                   -.0586047
 Baccalaureat general français des series L, ES, S  |  -.1661036   .0299731
>     -5.54
>             0.000
>                        -.2248498
>                                   -.1073575
                        Certificat d'acces etranger  |   -.252162   .0561253
>     -4.49
>             0.000
>                        -.3621656
>                                   -.1421584
Diplôme de fin d’etudes secondaires, section B, C,  |  -.0610004   .0661524
>     -0.92
>             0.356
>                        -.1906567
>                                    .0686559
Maturite de la Commission suisse de maturite (CSM)  |  -.2053096    .042223
>     -4.86
>             0.000
>                        -.2880651
>                                   -.1225541
  Maturite gymnasiale, option : Biologie et chimie  |  -.0637723   .0359874
>     -1.77
>             0.076
>                        -.1343064
>                                    .0067617
      Maturite gymnasiale, option : Langue moderne  |  -.0986927   .0446776
>     -2.21
```

```
>            0.027
>                    -.1862591
>                                -.0111263
Maturite gymnasiale, option : Philosophie / pedago  |  -.1305297   .0988785
>     -1.32
>            0.187
>                    -.3243281
>                                 .0632687
Maturite gymnasiale, option : Physique et applicat  |   .0607494   .0229686
>      2.64
>            0.008
>                     .0157318
>                                 .1057671
Maturite professionnelle avec examen complementair  |   .0204975    .058093
>      0.35
>            0.724
>                    -.0933626
>                                 .1343576
Nouvelle maturite cant.gymnasiale rec. par Confed.  |  -.1546855   .0492539
>     -3.14
>            0.002
>                    -.2512214
>                                -.0581496
                                                    |
                                           debut    |
                                           2006     |   .4082108   .0288836
>     14.13
>            0.000
>                        .3516
>                                 .4648217
                                           2007     |   .4093049   .0270473
>     15.13
>            0.000
>                     .3562932
>                                 .4623167
                                           2008     |   .2797381   .0359577
>      7.78
>            0.000
>                     .2092622
>                                  .350214
                                           2009     |   .0169207   .0331949
>      0.51
>            0.610
>                    -.0481401
>                                 .0819816
                                           2011     |  -.0831433   .0334293
>     -2.49
>            0.013
>                    -.1486635
>                                -.017623
                                           2012     |          .  (not esti
> mable)
                                           2013     |          .  (not esti
```

```
> mable)
                                                2014 |          .  (not esti
> mable)
-----------------------------------------------------+----------------------
> ----------------------------------------
Note: dy/dx for factor levels is the discrete change from the base level.

454 .         outreg2 using matuLogit, label append dec(3) tex(frag pr)  drop(i
> b(2010).debut)
matuLogit.tex
dir : seeout

455 .
456 .
457 .         global params "i.sexe ib(51).matu_lieu" //Suisse

458 .         reg moyenne $params , robust

Linear regression                                      Number of obs =     2
> 460
                                                       F(  5,  2454) =    20
> .84
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.0
> 463
                                                       Root MSE      =   .90
> 949
------------------------------------------------------------------------------
> ---
             |               Robust
     moyenne |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ---
       sexe  |
         M   |   .0524452   .0387275     1.35   0.176    -.0234968    .1283
> 873
             |
   matu_lieu |
         0   |  -.4789252    .084446    -5.67   0.000     -.644518   -.3133
> 324
    France   |   -.250126   .0535532    -4.67   0.000    -.3551402   -.1451
> 119
 Luxembourg  |   -.135693   .1373586    -0.99   0.323    -.4050438    .1336
> 577
     Maroc   |  -.9444612   .1249474    -7.56   0.000    -1.189474    -.699
> 448
             |
       _cons |   4.021474   .0333015   120.76   0.000     3.956172    4.086
> 776
------------------------------------------------------------------------------
```

```
> ———

459 .         outreg2 using lieu, label replace dec(3) tex(frag pr)
    lieu.tex
    dir : seeout

460 .         global params "i.sexe ib(51).matu_lieu ib(2010).debut" //Suisse

461 .         reg moyenne $params, robust

    Linear regression                                      Number of obs =    2
    > 460
                                                           F( 13,  2446) =  130
    > .20
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.2
    > 769
                                                           Root MSE      =   .7
    > 932

    ------------+---------------------------------------------------------------
    > ———
                |               Robust
        moyenne |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
    > al]
    ------------+---------------------------------------------------------------
    > ———
          sexe  |
            M   |   .0480562   .0339461     1.42   0.157    -.0185098    .1146
    > 222
                |
     matu_lieu  |
            0   |  -.3113907   .0718379    -4.33   0.000    -.4522602   -.1705
    > 212
       France   |  -.1433916   .0458778    -3.13   0.002     -.233355   -.0534
    > 283
    Luxembourg  |  -.1176001   .1326067    -0.89   0.375    -.3776331    .1424
    > 328
        Maroc   |  -.6273365   .1155791    -5.43   0.000    -.8539794   -.4006
    > 935
                |
         debut  |
         2006   |   .4970877   .0463752    10.72   0.000     .4061489    .5880
    > 264
         2007   |   .6285906   .0469288    13.39   0.000     .5365663    .7206
    > 148
         2008   |   .5115662   .0491971    10.40   0.000     .4150939    .6080
    > 386
         2009   |   .0214608   .0588268     0.36   0.715    -.0938947    .1368
    > 163
         2011   |  -.0312105   .0615529    -0.51   0.612    -.1519117    .0894
    > 907
```

```
        2012 |  -.8548686   .0626183   -13.65   0.000     -.977659   -.7320
> 782
        2013 |  -1.069371   .0817922   -13.07   0.000     -1.22976   -.9089
> 816
        2014 |  -.8985264   .1781979    -5.04   0.000    -1.247961   -.5490
> 921
             |
       _cons |   3.962636    .047221    83.92   0.000     3.870039    4.055
> 234
-------------+----------------------------------------------------------------
> ----

462 .         outreg2 using lieu, label append dec(3) tex(frag pr) drop(ib(2010
> ).debut)
lieu.tex
dir : seeout

463 .         global params "i.sexe ib(51).matu_lieu" //Suisse

464 .
465 .         reg moyenne $params if etat == 3, robust

Linear regression                                      Number of obs =     1
> 451
                                                       F(  5,  1445) =     0
> .84
                                                       Prob > F      =   0.5
> 207
                                                       R-squared     =   0.0
> 025
                                                       Root MSE      =   .35
> 021

-------------+----------------------------------------------------------------
> ----
             |               Robust
     moyenne |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
        sexe |
           M |   .0040997   .0193255     0.21   0.832    -.0338094    .0420
> 088
             |
    matu_lieu |
           0 |  -.0200963   .0380156    -0.53   0.597    -.0946679    .0544
> 754
      France |  -.0290204   .0285904    -1.02   0.310    -.0851035    .0270
> 627
  Luxembourg |  -.0036299   .0554835    -0.07   0.948    -.1124667     .105
> 207
       Maroc |  -.1664714   .0963557    -1.73   0.084    -.3554834    .0225
> 405
```

```
       _cons |   4.589505   .0165923   276.60   0.000     4.556958    4.622
> 053
-------------+------------------------------------------------------------
> ----

466 .         outreg2 using lieu, label append dec(3) tex(frag pr)
    lieu.tex
    dir : seeout

467 .         global params "i.sexe ib(51).matu_lieu ib(2010).debut" //Suisse

468 .         eststo clear

469 .         eststo: reg moyenne $params if etat == 3, robust

    Linear regression                               Number of obs =    1
> 451
                                                    F( 10,  1440) =    4
> .92
                                                    Prob > F      =  0.0
> 000
                                                    R-squared     =  0.0
> 182
                                                    Root MSE      =  .34
> 806

-------------+------------------------------------------------------------
> ----
             |               Robust
     moyenne |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
        sexe |
          M  |   .0064101   .0192571     0.33   0.739    -.0313648     .044
> 185
             |
   matu_lieu |
          0  |  -.0186654   .0369759    -0.50   0.614    -.0911979    .0538
> 671
     France  |  -.0305454   .0283811    -1.08   0.282    -.0862182    .0251
> 274
 Luxembourg  |  -.0170556   .0558074    -0.31   0.760    -.1265282    .0924
> 169
      Maroc  |  -.1410212   .0950509    -1.48   0.138    -.3274743    .0454
> 319
             |
       debut |
       2006  |  -.1174844   .0278933    -4.21   0.000    -.1722004   -.0627
> 685
       2007  |   .0146902   .0291981     0.50   0.615    -.0425851    .0719
> 655
```

```
        2008 |   .0185888   .0289808     0.64   0.521    -.0382603     .075
> 438
        2009 |    -.00869   .0300855    -0.29   0.773    -.0677061     .0503
> 261
        2011 |   .0755779   .0298983     2.53   0.012      .016929     .1342
> 268
             |
       _cons |   4.580795   .0238881   191.76   0.000     4.533936     4.627
> 654
-------------+----------------------------------------------------------------
> ----
(est1 stored)

470 .         outreg2 using lieu, label append dec(3) tex(frag pr)  drop(ib(201
> 0).debut)
lieu.tex
dir : seeout

471 .         esttab using pays.csv, replace wide plain se label
(output written to pays.csv)

472 .
473 .         logit fini $params , robust

note: 2012.debut != 0 predicts failure perfectly
      2012.debut dropped and 220 obs not used

note: 2013.debut != 0 predicts failure perfectly
      2013.debut dropped and 104 obs not used

note: 2014.debut != 0 predicts failure perfectly
      2014.debut dropped and 15 obs not used

Iteration 0:   log pseudolikelihood = -1322.9347
Iteration 1:   log pseudolikelihood = -1157.1574
Iteration 2:   log pseudolikelihood =  -1141.872
Iteration 3:   log pseudolikelihood = -1141.2842
Iteration 4:   log pseudolikelihood = -1141.2812
Iteration 5:   log pseudolikelihood = -1141.2812

Logistic regression                               Number of obs   =        2
> 121
                                                  Wald chi2(10)   =      205
> .01
                                                  Prob > chi2     =      0.0
> 000
Log pseudolikelihood = -1141.2812                 Pseudo R2       =      0.1
> 373
```

```
------------------------------------------------------------------------------
> ----
             |               Robust
        fini |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
        sexe |
           M |   .1551296   .1073159     1.45   0.148    -.0552058    .3654
> 649
             |
      matu_lieu |
           0 |  -.6147423    .198118    -3.10   0.002    -1.003047   -.2264
> 381
      France |  -.4825964    .141773    -3.40   0.001    -.7604664   -.2047
> 263
  Luxembourg |  -.1240772    .340579    -0.36   0.716    -.7915998    .5434
> 455
       Maroc |  -2.075033    .423111    -4.90   0.000    -2.904315   -1.245
> 751
             |
        debut |
        2006 |   3.229389   .5805147     5.56   0.000     2.091601    4.367
> 177
        2007 |     3.1776   .3981096     7.98   0.000     2.397319     3.95
> 788
        2008 |   1.156439   .1728817     6.69   0.000     .8175972    1.495
> 281
        2009 |   .0459602   .1322235     0.35   0.728     -.213193    .3051
> 135
        2011 |  -.326102    .1328322    -2.45   0.014    -.5864482   -.0657
> 557
        2012 |          0  (empty)
        2013 |          0  (empty)
        2014 |          0  (empty)
             |
       _cons |    .458467   .1202191     3.81   0.000     .2228419    .6940
> 922
------------------------------------------------------------------------------
> ----
```

```
474 .         outreg2 using lieuLogit, label replace dec(3) tex(frag pr)  drop(
> ib(2010).debut)
lieuLogit.tex
dir : seeout

475 .         margins, dydx(*) atmeans post

Conditional marginal effects                      Number of obs   =       2
> 121
Model VCE    : Robust

Expression   : Pr(fini), predict()
dy/dx w.r.t. : 2.sexe 0.matu_lieu 20.matu_lieu 29.matu_lieu 33.matu_lieu
               2006.debut 2007.debut 2008.debut 2009.debut 2011.debut
               2012.debut 2013.debut 2014.debut
at           : 1.sexe          =     .349835 (mean)
               2.sexe          =     .650165 (mean)
               0.matu_lieu     =    .0603489 (mean)
               20.matu_lieu    =    .1390853 (mean)
               29.matu_lieu    =    .0212164 (mean)
               33.matu_lieu    =    .0193305 (mean)
               51.matu_lieu    =    .7600189 (mean)
               2006.debut      =    .0504479 (mean)
               2007.debut      =    .1202263 (mean)
               2008.debut      =    .1532296 (mean)
               2009.debut      =    .2206506 (mean)
               2010.debut      =    .2545969 (mean)
               2011.debut      =    .2008487 (mean)

------------------------------------------------------------------------------
> ----
             |            Delta-method
             |      dy/dx   Std. Err.      z    P>|z|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
       sexe  |
          M  |   .0297006   .0208894     1.42   0.155    -.0112419    .0706
> 431
             |
   matu_lieu |
          0  |  -.1248838   .0442534    -2.82   0.005    -.2116189   -.0381
> 487
     France  |  -.0953729    .029967    -3.18   0.001    -.1541072   -.0366
> 386
 Luxembourg  |  -.0224961   .0636308    -0.35   0.724    -.1472103    .1022
> 181
      Maroc  |  -.4734779   .0884313    -5.35   0.000       -.6468   -.3001
> 558
             |
      debut  |
       2006  |   .3728088   .0260389    14.32   0.000     .3217734    .4238
> 441
```

```
        2007 |   .3714878   .0239818    15.49   0.000     .3244844    .4184
> 912
        2008 |   .2259585   .0302216     7.48   0.000     .1667252    .2851
> 919
        2009 |    .010962   .0315258     0.35   0.728    -.0508275    .0727
> 515
        2011 |  -.0801025   .0325423    -2.46   0.014    -.1438843   -.0163
> 207
        2012 |           .  (not estimable)
        2013 |           .  (not estimable)
        2014 |           .  (not estimable)
-------------+----------------------------------------------------------------
> ----
Note: dy/dx for factor levels is the discrete change from the base level.

476 .         outreg2 using lieuLogit, label append dec(3) tex(frag pr)  drop(i
> b(2010).debut)
lieuLogit.tex
dir : seeout

477 .
478 .         global params "i.sexe ib(44).matu_ecole ib(2010).debut" //Auguste
>  (plus mauvais)

479 .         reg moyenne $params , robust

Linear regression                                      Number of obs =    2
> 460
                                                       F( 29,  2430) =   60
> .27
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.2
> 949
                                                       Root MSE      =  .78
> 587

------------------------------------------------------------------------------
> ----------------------------------------
             |               Robust
    moyenne |      Coef.   Std. Err
> .
>        t
>             P>|t|
>                        [95% Con
>                                f. Interval]
-------------+----------------------------------------------------------------
> ----------------------------------------
        sexe |
          M |   .0499272   .0339162
>      1.47
>             0.141
>                       -.0165804
```

```
>                                    .1164348
                                                 |
                                      matu_ecole |
                                               0 |  -.0470617   .0883219
>     -0.53
>             0.594
>                      -.2202557
>                                    .1261324
                                       Autre ecole |  -.5430538      .1652
>     -3.29
>             0.001
>                      -.8670012
>                                  -.2191065
                           College Calvin, Geneve |  -.1056797   .1509802
>     -0.70
>             0.484
>                      -.4017429
>                                    .1903835
                  College de l'Abbaye, Saint-Maurice |   .2494226   .1343667
>      1.86
>             0.064
>                      -.0140624
>                                    .5129077
                         Ecole des Arches, Lausanne |  -.5431651   .1755542
>     -3.09
>             0.002
>                      -.8874164
>                                  -.1989139
                                  Ecole etrangere |  -.2074022   .0863402
>     -2.40
>             0.016
>                      -.3767102
>                                  -.0380942
                           Ecole suisse non codifiee |  -.3515822   .1298555
>     -2.71
>             0.007
>                       -.606221
>                                  -.0969433
                    Gymnase d'Yverdon, Cheseaux-Noreaz |   .0668496   .1270162
>      0.53
>             0.599
>                      -.1822216
>                                    .3159208
                        Gymnase de Beaulieu, Lausanne |   .1886116    .099256
>      1.90
>             0.058
>                      -.0060235
>                                    .3832467
                     Gymnase de Burier, La Tour-de-Peilz |   .0315074   .1051141
>      0.30
>             0.764
>                      -.1746151
>                                     .23763
```

```
                    Gymnase de Chamblandes, Pully |    .1098625   .1099479
>      1.00
>             0.318
>                      -.1057387
>                                  .3254637
                      Gymnase de Morges, Morges |    .1437146   .1048118
>      1.37
>             0.170
>                      -.0618151
>                                  .3492442
                           Gymnase de Nyon, Nyon |    .1339459   .1015008
>      1.32
>             0.187
>                      -.0650911
>                                  .3329829
                      Gymnase de la Cite Lausanne |    .0846048    .116916
>      0.72
>             0.469
>                      -.1446605
>                                  .3138702
                      Gymnase du Bugnon, Lausanne |    .1317006   .1122836
>      1.17
>             0.241
>                      -.0884808
>                                  .3518821
               Lycee Denis-de-Rougemont, Neuchâtel |   -.0845976   .1414773
>     -0.60
>             0.550
>                      -.3620262
>                                  .1928311
                     Lycee Jean-Piaget, Neuchâtel |    .1257487   .1784761
>      0.70
>             0.481
>                      -.2242324
>                                  .4757298
Lycee cantonal et Ecole superieure de commerce, Po |    .0989163   .1690986
>      0.58
>             0.559
>                       -.232676
>                                  .4305085
                  Lycee-College de La Planta, Sion |    .3518124   .1279045
>      2.75
>             0.006
>                       .1009993
>                                  .6026256
                  Lycee-College des Creusets, Sion |    .0703252   .1068903
>      0.66
>             0.511
>                      -.1392804
>                                  .2799307
                                                   |
                                           debut   |
                                           2006    |    .4895017   .0491584
```

```
>      9.96
>             0.000
>                      .3931049
>                                  .5858985
                                             2007 |    .636211   .0480193
>     13.25
>             0.000
>                       .542048
>                                  .7303741
                                             2008 |   .5118006   .0498918
>     10.26
>             0.000
>                      .4139656
>                                  .6096355
                                             2009 |   .0381411   .0586006
>      0.65
>             0.515
>                     -.0767713
>                                  .1530534
                                             2011 |  -.0255591   .0611352
>     -0.42
>             0.676
>                     -.1454415
>                                  .0943233
                                             2012 |  -.8345525   .0628121
>    -13.29
>             0.000
>                     -.9577232
>                                 -.7113817
                                             2013 |  -1.076203   .0811073
>    -13.27
>             0.000
>                      -1.23525
>                                 -.9171568
                                             2014 |  -.8549758   .1717863
>     -4.98
>             0.000
>                     -1.191839
>                                 -.5181131
                                              |
                                             _cons |   3.937342   .0911065
>     43.22
>             0.000
>                      3.758688
>                                  4.115997
------------------------------------------------------------------------------
> ------------------------------------------
```

```
480 .         outreg2 using ecole, label replace dec(3) tex(frag pr)  drop(ib(2
> 010).debut)
    ecole.tex
    dir : seeout

481 .         reg moyenne $params if etat == 3, robust

    Linear regression                                      Number of obs =    1
    > 451
                                                           F( 26,  1424) =    3
    > .09
                                                           Prob > F      =  0.0
    > 000
                                                           R-squared     =  0.0
    > 336
                                                           Root MSE      =  .34
    > 724

    ------------------------------------------------------------------------------
    > ----------------------------------------
                                                  |               Robust
                                         moyenne  |      Coef.   Std. Err
    > .
    >        t
    >             P>|t|
    >                       [95% Con
    >                               f. Interval]
    ------------------------------------------------------------------------------
    > ----------------------------------------
                                           sexe   |
                                              M   |   .0090657   .0195923
    >      0.46
    >             0.644
    >                      -.0293671
    >                                  .0474985
                                                  |
                                       matu_ecole |
                                                0 |   .0027929   .0550885
    >      0.05
    >             0.960
    >                      -.1052705
    >                                  .1108563
                                      Autre ecole |  -.0079928   .0942149
    >     -0.08
    >             0.932
    >                      -.1928076
    >                                  .1768221
                           College Calvin, Geneve |  -.0589679   .1071552
    >     -0.55
    >             0.582
    >                      -.2691669
    >                                  .1512312
                     College de l'Abbaye, Saint-Maurice |   .0544612   .0816291
```

```
>      0.67
>             0.505
>                      -.105665
>                                  .2145874
                       Ecole des Arches, Lausanne  |  -.2447486   .0878278
>     -2.79
>             0.005
>                      -.4170343
>                                 -.0724629
                                   Ecole etrangere  |  -.0185591   .0541344
>     -0.34
>             0.732
>                      -.1247509
>                                  .0876327
                         Ecole suisse non codifiee  |   -.17983   .0729849
>     -2.46
>             0.014
>                      -.3229995
>                                 -.0366606
                 Gymnase d'Yverdon, Cheseaux-Noreaz  |  .1028354   .0731369
>      1.41
>             0.160
>                      -.0406321
>                                   .246303
                      Gymnase de Beaulieu, Lausanne  |  -.0200839   .0622975
>     -0.32
>             0.747
>                      -.1422886
>                                  .1021209
                  Gymnase de Burier, La Tour-de-Peilz  |  .0086788   .0634418
>      0.14
>             0.891
>                      -.1157706
>                                  .1331282
                      Gymnase de Chamblandes, Pully  |  .0087655   .0679407
>      0.13
>             0.897
>                      -.1245091
>                                  .1420402
                        Gymnase de Morges, Morges  |  .0495427   .0622321
>      0.80
>             0.426
>                      -.0725338
>                                  .1716192
                           Gymnase de Nyon, Nyon  |  .0122835   .0619647
>      0.20
>             0.843
>                      -.1092684
>                                  .1338353
                         Gymnase de la Cite Lausanne  |  .0269643   .0727406
>      0.37
>             0.711
>                      -.115726
```

```
>                                    .1696546
                        Gymnase du Bugnon, Lausanne  |  -.0402771   .0659064
>     -0.61
>             0.541
>                       -.1695612
>                                    .089007
                     Lycee Denis-de-Rougemont, Neuchâtel  |     .08151   .0790769
>      1.03
>             0.303
>                       -.0736097
>                                    .2366297
                           Lycee Jean-Piaget, Neuchâtel  |  -.0035821   .0879317
>     -0.04
>             0.968
>                       -.1760716
>                                    .1689074
Lycee cantonal et Ecole superieure de commerce, Po  |    .054279   .1117149
>      0.49
>             0.627
>                       -.1648645
>                                    .2734225
                       Lycee-College de La Planta, Sion  |   .1220328   .0984002
>      1.24
>             0.215
>                       -.0709921
>                                    .3150577
                       Lycee-College des Creusets, Sion  |   .0175454   .0683252
>      0.26
>             0.797
>                       -.1164833
>                                    .1515742
                                                         |
                                                   debut |
                                                   2006  |  -.1138514    .028463
>     -4.00
>             0.000
>                       -.1696852
>                                   -.0580176
                                                   2007  |   .0163461   .0293236
>      0.56
>             0.577
>                       -.0411761
>                                    .0738682
                                                   2008  |   .0188412   .0289832
>      0.65
>             0.516
>                       -.0380132
>                                    .0756956
                                                   2009  |  -.0072542   .0301823
>     -0.24
>             0.810
>                       -.0664607
>                                    .0519523
```

```
                                                2011 |    .0696869   .0304005
    >      2.29
    >             0.022
    >                         .0100523
    >                                     .1293214
                                                     |
                                                _cons |    4.572436   .0534464
    >     85.55
    >             0.000
    >                         4.467594
    >                                     4.677278
    -------------------------------------------------+------------------------
    > ---------------------------------------

482 .         outreg2 using ecole, label append dec(3) tex(frag pr)  drop(ib(20
    > 10).debut)
    ecole.tex
    dir : seeout

483 .
484 .         /*
    >         global params "i.sexe ib(3).BSc" // management
    >         reg moyenne_2 $params , robust
    >         outreg2 using BSc, label replace dec(3) tex(frag pr)
    >         reg moyenne_3 $params , robust
    >         outreg2 using BSc, label append dec(3) tex(frag pr)
    >
    >
    >         global params "i.sexe ib(11).MSc" //act
    >         eststo clear
    >         eststo: reg moyenne $params , robust
    >         esttab using master.csv, replace wide plain se label
    >         */
485 .
486 .         global params "delta_SCI1 delta_MIX1 ib(2011).debut"

487 .         logit fini $params, robust

    note: 2012.debut != 0 predicts failure perfectly
          2012.debut dropped and 218 obs not used

    note: 2013.debut != 0 predicts failure perfectly
          2013.debut dropped and 99 obs not used

    note: 2014.debut != 0 predicts failure perfectly
          2014.debut dropped and 13 obs not used
```

```
Iteration 0:   log pseudolikelihood = -1305.2068
Iteration 1:   log pseudolikelihood = -1136.6638
Iteration 2:   log pseudolikelihood = -1119.3969
Iteration 3:   log pseudolikelihood =  -1118.729
Iteration 4:   log pseudolikelihood = -1118.7247
Iteration 5:   log pseudolikelihood = -1118.7247

Logistic regression                               Number of obs   =        2
> 103
                                                  Wald chi2(7)    =      202
> .82
                                                  Prob > chi2     =      0.0
> 000
Log pseudolikelihood = -1118.7247                 Pseudo R2       =      0.1
> 429

------------------------------------------------------------------------------
> ----
             |               Robust
        fini |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_SCI1 |   10.37167   1.456398     7.12   0.000     7.517183    13.22
> 616
  delta_MIX1 |   3.522222   .4610265     7.64   0.000     2.618627    4.425
> 818
             |
       debut |
        2006 |   3.604208   .6006826     6.00   0.000     2.426892    4.781
> 525
        2007 |    3.61423   .4025211     8.98   0.000     2.825303    4.403
> 157
        2008 |   1.640457   .1848095     8.88   0.000     1.278237    2.002
> 677
        2009 |   .4711145   .1405779     3.35   0.001     .1955868    .7466
> 421
        2010 |   .3571001   .1366003     2.61   0.009     .0893685    .6248
> 317
        2012 |           0  (empty)
        2013 |           0  (empty)
        2014 |           0  (empty)
             |
       _cons |   .1016282   .1040069     0.98   0.329    -.1022216     .305
> 478
------------------------------------------------------------------------------
> ----
```

```
488 .         outreg2 using logit, label replace dec(3) tex(frag pr)
    logit.tex
    dir : seeout

489 .         global params "delta_OTH1 ib(2011).debut"

490 .         logit fini $params, robust

    note: 2012.debut != 0 predicts failure perfectly
          2012.debut dropped and 217 obs not used

    note: 2013.debut != 0 predicts failure perfectly
          2013.debut dropped and 98 obs not used

    note: 2014.debut != 0 predicts failure perfectly
          2014.debut dropped and 13 obs not used

    Iteration 0:   log pseudolikelihood = -1304.0413
    Iteration 1:   log pseudolikelihood = -1138.5264
    Iteration 2:   log pseudolikelihood = -1122.2932
    Iteration 3:   log pseudolikelihood = -1121.6652
    Iteration 4:   log pseudolikelihood = -1121.6616
    Iteration 5:   log pseudolikelihood = -1121.6616

    Logistic regression                               Number of obs   =        2
    > 102
                                                      Wald chi2(6)    =      202
    > .67
                                                      Prob > chi2     =      0.0
    > 000
    Log pseudolikelihood = -1121.6616                 Pseudo R2       =      0.1
    > 399

    ------------------------------------------------------------------------------
    > ----
                 |               Robust
            fini |      Coef.   Std. Err.      z    P>|z|     [95% Conf. Interv
    > al]
    -------------+----------------------------------------------------------------
    > ----
      delta_OTH1 |  -2.377628   .3003347    -7.92   0.000    -2.966273   -1.788
    > 983
                 |
           debut |
            2006 |   3.530274   .5964324     5.92   0.000     2.361288     4.69
    > 926
            2007 |    3.53568   .4028609     8.78   0.000     2.746088    4.325
    > 273
            2008 |     1.5929   .1816994     8.77   0.000     1.236775    1.949
    > 024
            2009 |   .4539208    .140387     3.23   0.001     .1787672    .7290
    > 743
            2010 |   .3612557   .1363105     2.65   0.008      .094092    .6284
```

```
> 193
       2012 |           0  (empty)
       2013 |           0  (empty)
       2014 |           0  (empty)
            |
       _cons |   .1202664   .1030776     1.17   0.243     -.081762    .3222
> 948
-------------+----------------------------------------------------------------
> ----

491 .         outreg2 using logit, append  dec(3) tex(frag pr)
    logit.tex
    dir : seeout

492 .         margins, dydx(*) atmeans post

    Conditional marginal effects                       Number of obs   =       2
> 102
    Model VCE    : Robust

    Expression   : Pr(fini), predict()
    dy/dx w.r.t. : delta_OTH1 2006.debut 2007.debut 2008.debut 2009.debut
                   2010.debut 2012.debut 2013.debut 2014.debut
    at           : delta_OTH1      =    .0185255 (mean)
                   2006.debut      =    .0509039 (mean)
                   2007.debut      =    .1208373 (mean)
                   2008.debut      =    .1536632 (mean)
                   2009.debut      =    .2216936 (mean)
                   2010.debut      =    .2530923 (mean)
                   2011.debut      =    .1998097 (mean)

-------------+----------------------------------------------------------------
> ----
             |            Delta-method
             |      dy/dx   Std. Err.      z    P>|z|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
  delta_OTH1 |  -.4410258   .0548255    -8.04   0.000    -.5484817   -.3335
> 699
             |
       debut |
       2006  |   .4545249   .0297945    15.26   0.000     .3961289     .512
> 921
       2007  |   .4546637     .02758    16.49   0.000     .4006079    .5087
> 194
       2008  |   .3224127   .0325257     9.91   0.000     .2586634    .3861
> 619
       2009  |   .1104702    .033998     3.25   0.001     .0438354     .177
> 105
       2010  |   .0886116   .0333788     2.65   0.008     .0231903    .1540
> 328
       2012  |           .  (not estimable)
```

```
       2013 |          .  (not estimable)
       2014 |          .  (not estimable)
------------+----------------------------------------------------------------

> ———
Note: dy/dx for factor levels is the discrete change from the base level.

493 .         outreg2 using logit, label append dec(3) tex(frag pr)
logit.tex
dir : seeout

494 .
495 .         global params "i.sexe"

496 .
497 .         **paste
498 .
499 .         reg quant_2 delta6 delta51 delta95 delta121 delta139 delta148 del
> ta170 $params, robust

Linear regression                                      Number of obs =
> 951
                                                       F(  8,   942) =    5
> .31
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.0
> 417
                                                       Root MSE      =  .15
> 934

------------+----------------------------------------------------------------
> ———
            |               Robust
    quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+----------------------------------------------------------------
> ———
     delta6 |  -.0608748    .022441    -2.71   0.007     -.104915   -.0168
> 346
    delta51 |   .0481727   .0308784     1.56   0.119    -.0124257    .1087
> 711
    delta95 |   .0340596   .0246652     1.38   0.168    -.0143454    .0824
> 647
   delta121 |   .1040031   .0389053     2.67   0.008     .0276519    .1803
> 542
   delta139 |   .0581864   .0371418     1.57   0.118    -.0147038    .1310
> 766
   delta148 |   .1272868   .0310366     4.10   0.000     .0663779    .1881
> 956
   delta170 |   .0559706    .028816     1.94   0.052    -.0005804    .1125
> 216
            |
       sexe |
```

```
          M |   .0052873   .0110136     0.48   0.631    -.0163267    .0269
> 013
      _cons |   .6044822   .0091273    66.23   0.000       .58657    .6223
> 945
------------+------------------------------------------------------------
> ----

500 .         outreg2 using coursOld, label replace dec(3) tex(frag pr)
    coursOld.tex
    dir : seeout

501 .
502 .         reg quant_3 delta6 delta51 delta95 delta121 delta139 delta148 del
> ta170 $params, robust

Linear regression                                      Number of obs =
> 670
                                                       F(  8,   661) =    1
> .33
                                                       Prob > F      =  0.2
> 241
                                                       R-squared     =  0.0
> 140
                                                       Root MSE      =  .15
> 925

------------+------------------------------------------------------------
> ----
            |               Robust
    quant_3 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
------------+------------------------------------------------------------
> ----
     delta6 |  -.0047894   .0273623    -0.18   0.861     -.058517    .0489
> 381
    delta51 |   .0367198   .0373789     0.98   0.326    -.0366759    .1101
> 155
    delta95 |   .0549787   .0307926     1.79   0.075    -.0054843    .1154
> 418
   delta121 |   .0102586   .0474171     0.22   0.829    -.0828476    .1033
> 648
   delta139 |   .0530371   .0456942     1.16   0.246    -.0366862    .1427
> 604
   delta148 |   .0360185   .0396165     0.91   0.364    -.0417709    .1138
> 079
   delta170 |   .0172404    .036244     0.48   0.634    -.0539268    .0884
> 077
            |
       sexe |
          M |  -.0258172   .0129036    -2.00   0.046    -.0511541   -.0004
> 802
      _cons |   .6588689   .0102798    64.09   0.000     .6386839    .6790
> 538
```

```
-------------+------------------------------------------------------------
> ----

503 .         //reg quant_23 delta6 delta51 delta95 delta121 delta139 delta148
> delta170 $params, robust
504 .
505 .         /*
>         reg quant_2 delta6 delta25 delta26 delta52 delta55 delta103 delta
> 104 delta122 delta123 delta131 delta171 delta172 $params, robust
>         reg quant_3 delta6 delta25 delta26 delta52 delta55 delta103 delta
> 104 delta122 delta123 delta131 delta171 delta172 $params, robust
>         reg quant_23 delta6 delta25 delta26 delta52 delta55 delta103 delt
> a104 delta122 delta123 delta131 delta171 delta172 $params, robust
>         */
506 .         reg quant_2 delta6 delta25 delta26 delta52 delta57 delta103 delta
> 104 delta122 delta123 delta133 delta171 delta172 $params, robust

Linear regression                                      Number of obs =
> 551
                                                       F( 13,   537) =    9
> .81
                                                       Prob > F      =  0.0
> 000
                                                       R-squared     =  0.1
> 752
                                                       Root MSE      =   .2
> 211

-------------+------------------------------------------------------------
> ----
             |               Robust
     quant_2 |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+------------------------------------------------------------
> ----
      delta6 |  -.0374042   .0470084    -0.80   0.427    -.1297472    .0549
> 387
     delta25 |   -.176328   .0591859    -2.98   0.003    -.2925923   -.0600
> 637
     delta26 |   .1219807   .0565021     2.16   0.031     .0109884     .232
> 973
     delta52 |  -.0987036   .0559054    -1.77   0.078    -.2085238    .0111
> 165
     delta57 |   -.142911   .0628666    -2.27   0.023    -.2664057   -.0194
> 163
    delta103 |  -.2087591   .0460601    -4.53   0.000    -.2992391   -.1182
> 791
    delta104 |   .0333207   .0508438     0.66   0.513    -.0665564    .1331
> 977
    delta122 |  -.0506138   .0629758    -0.80   0.422    -.1743229    .0730
> 953
    delta123 |   .0704461   .0668012     1.05   0.292    -.0607777    .2016
> 699
```

```
    delta133 |  -.2524922   .0619171    -4.08   0.000    -.3741215   -.1308
> 628
    delta171 |  -.1304654    .057353    -2.27   0.023    -.2431291   -.0178
> 016
    delta172 |   .0887771   .0601356     1.48   0.140    -.0293528     .206
> 907
             |
        sexe |
          M  |   .0073398    .020401     0.36   0.719    -.0327358    .0474
> 155
       _cons |    .609578    .016922    36.02   0.000     .5763366    .6428
> 194
-------------+----------------------------------------------------------------
> ----

507 .         outreg2 using coursNew, label replace dec(3) tex(frag pr)
    coursNew.tex
    dir : seeout

508 .         reg quant_3 delta6 delta25 delta26 delta52 delta57 delta103 delta
> 104 delta122 delta123 delta133 delta171 delta172 $params, robust

Linear regression                                      Number of obs =
> 218
                                                       F( 13,   204) =     3
> .59
                                                       Prob > F      =   0.0
> 000
                                                       R-squared     =   0.1
> 602
                                                       Root MSE      =   .14
> 786

-------------+----------------------------------------------------------------
> ----
             |               Robust
    quant_3  |      Coef.   Std. Err.      t    P>|t|     [95% Conf. Interv
> al]
-------------+----------------------------------------------------------------
> ----
      delta6 |   .0231009   .0511602     0.45   0.652    -.0777696    .1239
> 715
    delta25  |   -.239767   .0682709    -3.51   0.001    -.3743742   -.1051
> 599
    delta26  |   .0226175   .0556154     0.41   0.685    -.0870372    .1322
> 722
    delta52  |  -.1196651   .0585831    -2.04   0.042    -.2351711   -.0041
> 591
    delta57  |  -.1383273   .0639381    -2.16   0.032    -.2643916    -.012
> 263
   delta103  |  -.0068345   .0480519    -0.14   0.887    -.1015766    .0879
> 076
    delta104 |    .017861    .049018     0.36   0.716    -.0787858    .1145
```

```
> 078
    delta122 |  -.0888046   .0686996    -1.29   0.198    -.2242569    .0466
> 477
    delta123 |  -.0649669    .067639    -0.96   0.338     -.198328    .0683
> 942
    delta133 |  -.1380774   .0621669    -2.22   0.027    -.2606494   -.0155
> 054
    delta171 |  -.0728999   .0614106    -1.19   0.237    -.1939809     .048
> 181
    delta172 |  -.0486861   .0564049    -0.86   0.389    -.1598974    .0625
> 252
             |
        sexe |
          M  |  -.0672647   .0206116    -3.26   0.001    -.1079039   -.0266
> 255
       _cons |   .7182412   .0152093    47.22   0.000     .6882537    .7482
> 288
-------------+----------------------------------------------------------------
> ---

509 .         //reg quant_23 delta6 delta25 delta26 delta52 delta57 delta103 de
> lta104 delta122 delta123 delta133 delta171 delta172 $params, robust
510 .
511 .         **end paste
512 .
513 . restore

514 .
end of do-file

515 . log close
      name:  <unnamed>
       log:  /Users/Marco/Google Drive/HEC/empi/proj/log.smcl
  log type:  smcl
 closed on:   7 Jun 2015, 12:40:51
-------------------------------------------------------------------------------
```