(R)
Statistics/Data Analysis

name: **<unnamed>**
log: **\\micro.intra\Projekt\P1129$\P1129_Gem\Olle\Worker rep\reg_pop.smcl**
log type: **smcl**
opened on: **24 May 2024, 10:49:57**

```
1 .
2 . *Generarates Upper pane of Table 1 and Table1 and all of Table W10
3 . reghdfe nom_rel worker_lim     , abs(m_y) cluster(p_id)
  (MWFE estimator converged in 1 iterations)

  HDFE Linear regression                            Number of obs   = 43,742,408
  Absorbing 1 HDFE group                            F(   1,10289048)=   12377.93
  Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                    R-squared       =     0.0031
                                                    Adj R-squared   =     0.0031
                                                    Within R-sq.    =     0.0003
  Number of clusters (p_id)    = 10,289,049         Root MSE        =    15.2514

                            (Std. err. adjusted for 10,289,049 clusters in p_id)
------------------------------------------------------------------------------
             |               Robust
     nom_rel |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_lim |  -.5330682   .0047914  -111.26   0.000    -.5424591   -.5236773
       _cons |   1.075765   .0037159   289.50   0.000     1.068482    1.083048
------------------------------------------------------------------------------

  Absorbed degrees of freedom:
-----------------------------------------------------------+
  Absorbed FE | Categories  - Redundant  = Num. Coefs      |
-------------+---------------------------------------------|
          m_y |       2022           0        2022      |
-----------------------------------------------------------+

4 . outreg2 using Tables_1pop_W10_W11, replace dec(3) excel  ctitle(slang)
  Tables_1pop_W10_W11.xml
  dir : seeout

5 . preserve

6 . keep if valar>1980 & worker_lim!=.
  (0 observations deleted)

7 . foreach var in nom vald listleader nom_ri vald_ri{
    2.         reghdfe `var'_rel worker_lim     , abs(m_y) cluster(p_id)
    3.         outreg2 using Tables_1pop_W10, append dec(3) excel  ctitle(0 `var'_pop)
    4.         reghdfe `var'_rel worker_lim stud age_b30- age_ab64 woman non_nordic non_oecd    , abs(m_y)
    5.         outreg2 using Tables_1pop_W10, append dec(3) excel  ctitle(1 `var'_pop)
    6.         reghdfe `var'_rel worker_lim  std_inc_res  stud age_b30- age_ab64 woman non_nordic non_oecd
  > ster(p_id)
    7.         outreg2 using Tables_1pop_W10, append dec(3) excel  ctitle( 3 `var'_pop)
    8.         reghdfe `var'_rel worker_lim  stud age_b30- age_ab64 woman non_nordic non_oecd   if   betyg
  > ) cluster(p_id)
    9.         outreg2 using Tables_1pop_W10, append dec(3) excel  ctitle (4 `var'_pop)
   10.         reghdfe `var'_rel worker_lim std_inc_res betyg_sd stud age_b30- age_ab64 woman non_nordic n
  > _y) cluster(p_id)
   11.         outreg2 using Tables_1pop_W10 , append dec(3) excel  ctitle( 5 `var'_pop)
   12.         reghdfe `var'_rel worker_lim  stud age_b30- age_ab64 woman non_nordic non_oecd   if   cogni
  > y) cluster(p_id)
   13. outreg2 using Tables_1pop_W10, append dec(3) excel  ctitle(6 `var'_pop)
   14.         reghdfe `var'_rel worker_lim std_inc_res cognitive  stud age_b30- age_ab64 woman non_nordic
  > (m_y) cluster(p_id)
   15.         outreg2 using Tables_1pop_W10 , append dec(3) excel   ctitle(7 `var'_pop)
   16. }
  (MWFE estimator converged in 1 iterations)

  HDFE Linear regression                            Number of obs   = 43,742,408
  Absorbing 1 HDFE group                            F(   1,10289048)=   12377.93
  Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                    R-squared       =     0.0031
                                                    Adj R-squared   =     0.0031
                                                    Within R-sq.    =     0.0003
  Number of clusters (p_id)    = 10,289,049         Root MSE        =    15.2514
```

(Std. err. adjusted for **10,289,049** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.5330682**	**.0047914**	**-111.26**	**0.000**	**-.5424591**	**-.5236773**
_cons	**1.075765**	**.0037159**	**289.50**	**0.000**	**1.068482**	**1.083048**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,742,408**
Absorbing 1 HDFE group — F(**10**,**10289048**)= **3102.80**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0035**
Adj R-squared = **0.0034**
Within R-sq. = **0.0006**
Number of clusters (**p_id**) = **10,289,049** — Root MSE = **15.2487**

(Std. err. adjusted for **10,289,049** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.5448021**	**.0050583**	**-107.70**	**0.000**	**-.5547162**	**-.534888**
stud	**-.1287259**	**.012717**	**-10.12**	**0.000**	**-.1536507**	**-.1038011**
age_b30	**.2495744**	**.0179988**	**13.87**	**0.000**	**.2142974**	**.2848515**
age_30_39	**.4129483**	**.0181211**	**22.79**	**0.000**	**.3774316**	**.448465**
age_40_49	**.4695814**	**.0181609**	**25.86**	**0.000**	**.4339866**	**.5051762**
age_50_64	**.1921948**	**.0177184**	**10.85**	**0.000**	**.1574674**	**.2269222**
age_ab64	**-.289475**	**.0173912**	**-16.64**	**0.000**	**-.3235612**	**-.2553888**
woman	**-.2012251**	**.004579**	**-43.95**	**0.000**	**-.2101997**	**-.1922505**
non_nordic	**-.032239**	**.0095118**	**-3.39**	**0.001**	**-.0508817**	**-.0135963**
non_oecd	**.1300694**	**.0136469**	**9.53**	**0.000**	**.103322**	**.1568169**
_cons	**.9912924**	**.0175176**	**56.59**	**0.000**	**.9569585**	**1.025626**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **42,304,710**
Absorbing 1 HDFE group — F(**11**,**9403274**) = **2539.87**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0036**
Adj R-squared = **0.0035**
Within R-sq. = **0.0006**
Number of clusters (**p_id**) = **9,403,275** — Root MSE = **15.4262**

(Std. err. adjusted for **9,403,275** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.5652252**	**.0052746**	**-107.16**	**0.000**	**-.5755632**	**-.5548871**
std_inc_res	**-.027408**	**.0029052**	**-9.43**	**0.000**	**-.033102**	**-.021714**
stud	**-.091926**	**.0138431**	**-6.64**	**0.000**	**-.119058**	**-.064794**
age_b30	**.2513464**	**.0181778**	**13.83**	**0.000**	**.2157187**	**.2869742**
age_30_39	**.4133009**	**.0182889**	**22.60**	**0.000**	**.3774554**	**.4491464**
age_40_49	**.4685231**	**.0183198**	**25.57**	**0.000**	**.432617**	**.5044293**
age_50_64	**.1923672**	**.0178779**	**10.76**	**0.000**	**.1573271**	**.2274073**

age_ab64	**-.2494784**	**.0176224**	**-14.16**	**0.000**	**-.2840177**	**-.214939**
woman	**-.2127149**	**.0047171**	**-45.09**	**0.000**	**-.2219603**	**-.2034695**
non_nordic	**-.0129946**	**.0099827**	**-1.30**	**0.193**	**-.0325603**	**.006571**
non_oecd	**.1543511**	**.0144605**	**10.67**	**0.000**	**.1260091**	**.182693**
_cons	**1.008358**	**.017714**	**56.92**	**0.000**	**.973639**	**1.043077**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **17,013,723**
Absorbing 1 HDFE group — F(**10,3948934**) = **324.60**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0029**
Adj R-squared = **0.0028**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **3,948,935** — Root MSE = **16.0581**

(Std. err. adjusted for **3,948,935** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.4094615**	**.0090367**	**-45.31**	**0.000**	**-.4271731**	**-.3917499**
stud	**-.0148496**	**.015788**	**-0.94**	**0.347**	**-.0457936**	**.0160943**
age_b30	**-.2399712**	**.0948648**	**-2.53**	**0.011**	**-.4259028**	**-.0540396**
age_30_39	**-.1041051**	**.0949017**	**-1.10**	**0.273**	**-.2901092**	**.0818989**
age_40_49	**-.1676011**	**.0949307**	**-1.77**	**0.077**	**-.353662**	**.0184597**
age_50_64	**-.2818035**	**.0950188**	**-2.97**	**0.003**	**-.4680371**	**-.09557**
age_ab64	**-.2011215**	**.1170778**	**-1.72**	**0.086**	**-.4305898**	**.0283468**
woman	**-.2011285**	**.0078086**	**-25.76**	**0.000**	**-.2164332**	**-.1858238**
non_nordic	**.1864778**	**.0292405**	**6.38**	**0.000**	**.1291674**	**.2437883**
non_oecd	**.040737**	**.0377882**	**1.08**	**0.281**	**-.0333265**	**.1148005**
_cons	**1.363848**	**.0946642**	**14.41**	**0.000**	**1.178309**	**1.549386**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **16,780,824**
Absorbing 1 HDFE group — F(**12,3767873**) = **344.80**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0030**
Adj R-squared = **0.0029**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **3,767,874** — Root MSE = **16.0610**

(Std. err. adjusted for **3,767,874** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.3755454**	**.0094251**	**-39.85**	**0.000**	**-.3940182**	**-.3570726**
std_inc_res	**-.1345494**	**.006327**	**-21.27**	**0.000**	**-.1469501**	**-.1221487**
betyg_sd	**.1113913**	**.0043744**	**25.46**	**0.000**	**.1028177**	**.1199649**
stud	**-.0326527**	**.0166775**	**-1.96**	**0.050**	**-.0653401**	**.0000347**
age_b30	**-.2422214**	**.0949541**	**-2.55**	**0.011**	**-.428328**	**-.0561147**
age_30_39	**-.094878**	**.0949962**	**-1.00**	**0.318**	**-.2810671**	**.0913111**
age_40_49	**-.1540483**	**.0950238**	**-1.62**	**0.105**	**-.3402917**	**.032195**
age_50_64	**-.2672649**	**.0951051**	**-2.81**	**0.005**	**-.4536674**	**-.0808623**
age_ab64	**-.2591538**	**.1171903**	**-2.21**	**0.027**	**-.4888427**	**-.0294649**

woman	**-.2348666**	**.0079804**	**-29.43**	**0.000**	**-.250508**	**-.2192252**
non_nordic	**.2211523**	**.0299821**	**7.38**	**0.000**	**.1623884**	**.2799162**
non_oecd	**.0475046**	**.0388189**	**1.22**	**0.221**	**-.028579**	**.1235882**
_cons	**1.386275**	**.0948002**	**14.62**	**0.000**	**1.20047**	**1.57208**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,123,372**
Absorbing 1 HDFE group — F(**10,1404275**) = **287.42**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0037**
Adj R-squared = **0.0035**
Within R-sq. = **0.0004**
Number of clusters (**p_id**) = **1,404,276** — Root MSE = **17.1498**

(Std. err. adjusted for **1,404,276** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6390081**	**.0133952**	**-47.70**	**0.000**	**-.6652623**	**-.6127539**
stud	**.2018922**	**.0457866**	**4.41**	**0.000**	**.112152**	**.2916325**
age_b30	**-.1049957**	**.0858017**	**-1.22**	**0.221**	**-.2731641**	**.0631727**
age_30_39	**.2407284**	**.0834218**	**2.89**	**0.004**	**.0772245**	**.4042324**
age_40_49	**.1555857**	**.0823546**	**1.89**	**0.059**	**-.0058265**	**.3169979**
age_50_64	**.0012479**	**.0819821**	**0.02**	**0.988**	**-.1594341**	**.1619299**
age_ab64	**.125368**	**.0953495**	**1.31**	**0.189**	**-.0615136**	**.3122497**
woman	**.5652362**	**.1534606**	**3.68**	**0.000**	**.2644587**	**.8660138**
non_nordic	**.3249875**	**.0673423**	**4.83**	**0.000**	**.192999**	**.4569761**
non_oecd	**.0201183**	**.0928714**	**0.22**	**0.829**	**-.1619065**	**.2021431**
_cons	**1.250401**	**.0822674**	**15.20**	**0.000**	**1.08916**	**1.411642**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,108,063**
Absorbing 1 HDFE group — F(**12,1395819**) = **388.53**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0040**
Adj R-squared = **0.0037**
Within R-sq. = **0.0007**
Number of clusters (**p_id**) = **1,395,820** — Root MSE = **17.1514**

(Std. err. adjusted for **1,395,820** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.5049774**	**.014717**	**-34.31**	**0.000**	**-.5338223**	**-.4761326**
std_inc_res	**-.2715755**	**.0104732**	**-25.93**	**0.000**	**-.2921026**	**-.2510483**
cognitive	**.1356988**	**.0035688**	**38.02**	**0.000**	**.1287041**	**.1426935**
stud	**.0847555**	**.0463363**	**1.83**	**0.067**	**-.006062**	**.175573**
age_b30	**-.0531108**	**.0858815**	**-0.62**	**0.536**	**-.2214357**	**.115214**
age_30_39	**.2816878**	**.083488**	**3.37**	**0.001**	**.1180542**	**.4453213**
age_40_49	**.1867041**	**.0824163**	**2.27**	**0.023**	**.025171**	**.3482372**
age_50_64	**.0179932**	**.082041**	**0.22**	**0.826**	**-.1428044**	**.1787908**
age_ab64	**.1159253**	**.0954038**	**1.22**	**0.224**	**-.0710628**	**.3029134**
woman	**.5451897**	**.1535005**	**3.55**	**0.000**	**.2443341**	**.8460454**

non_nordic	**.3951984**	**.0677112**	**5.84**	**0.000**	**.2624869**	**.52791**
non_oecd	**.0844965**	**.0931838**	**0.91**	**0.365**	**-.0981405**	**.2671336**
_cons	**.5061746**	**.0848359**	**5.97**	**0.000**	**.3398992**	**.6724499**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,919,214**
Absorbing 1 HDFE group — F(**1,10293331**)= **6124.14**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0023**
Adj R-squared = **0.0022**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **10,293,332** — Root MSE = **27.5639**

(Std. err. adjusted for **10,293,332** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6852277**	**.0087561**	**-78.26**	**0.000**	**-.7023894**	**-.668066**
_cons	**1.089896**	**.007054**	**154.51**	**0.000**	**1.076071**	**1.103722**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,919,214**
Absorbing 1 HDFE group — F(**10,10293331**)= **1261.96**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0024**
Adj R-squared = **0.0024**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **10,293,332** — Root MSE = **27.5617**

(Std. err. adjusted for **10,293,332** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.7139118**	**.009408**	**-75.88**	**0.000**	**-.7323512**	**-.6954724**
stud	**-.467346**	**.0185718**	**-25.16**	**0.000**	**-.503746**	**-.430946**
age_b30	**.1178771**	**.0321192**	**3.67**	**0.000**	**.0549246**	**.1808296**
age_30_39	**.3936685**	**.0328066**	**12.00**	**0.000**	**.3293689**	**.4579682**
age_40_49	**.5925253**	**.0332109**	**17.84**	**0.000**	**.527433**	**.6576175**
age_50_64	**.3423239**	**.0324135**	**10.56**	**0.000**	**.2787946**	**.4058531**
age_ab64	**-.3394658**	**.0314576**	**-10.79**	**0.000**	**-.4011216**	**-.27781**
woman	**-.168499**	**.0082883**	**-20.33**	**0.000**	**-.1847438**	**-.1522541**
non_nordic	**-.1100559**	**.0157936**	**-6.97**	**0.000**	**-.1410108**	**-.0791011**
non_oecd	**.0450565**	**.0211514**	**2.13**	**0.033**	**.0036005**	**.0865124**
_cons	**1.006475**	**.0318844**	**31.57**	**0.000**	**.9439832**	**1.068968**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **42,481,021**
Absorbing 1 HDFE group — F(**11,9407469**) = **1130.88**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0024**
Adj R-squared = **0.0024**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **9,407,470** — Root MSE = **27.9521**

(Std. err. adjusted for **9,407,470** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.701236**	**.0097244**	**-72.11**	**0.000**	**-.7202954**	**-.6821766**
std_inc_res	**.130791**	**.0050018**	**26.15**	**0.000**	**.1209878**	**.1405943**
stud	**-.384598**	**.020179**	**-19.06**	**0.000**	**-.4241481**	**-.3450479**
age_b30	**.1004774**	**.0325293**	**3.09**	**0.002**	**.0367211**	**.1642338**
age_30_39	**.3881806**	**.0332033**	**11.69**	**0.000**	**.3231034**	**.4532579**
age_40_49	**.5896724**	**.0335916**	**17.55**	**0.000**	**.5238341**	**.6555108**
age_50_64	**.3413216**	**.0327997**	**10.41**	**0.000**	**.2770354**	**.4056078**
age_ab64	**-.3288022**	**.031969**	**-10.29**	**0.000**	**-.3914603**	**-.266144**
woman	**-.1725461**	**.0085598**	**-20.16**	**0.000**	**-.1893229**	**-.1557692**
non_nordic	**-.0553564**	**.0166376**	**-3.33**	**0.001**	**-.0879656**	**-.0227473**
non_oecd	**.0891052**	**.0225364**	**3.95**	**0.000**	**.0449347**	**.1332757**
_cons	**.9897211**	**.0323082**	**30.63**	**0.000**	**.9263982**	**1.053044**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **17,060,323**
Absorbing 1 HDFE group — F(**10,3949455**) = **238.51**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0016**
Adj R-squared = **0.0015**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **3,949,456** — Root MSE = **29.3458**

(Std. err. adjusted for **3,949,456** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6322231**	**.0170766**	**-37.02**	**0.000**	**-.6656926**	**-.5987535**
stud	**-.4397593**	**.0241583**	**-18.20**	**0.000**	**-.4871087**	**-.3924099**
age_b30	**-.6487652**	**.2023179**	**-3.21**	**0.001**	**-1.045301**	**-.2522294**
age_30_39	**-.3843374**	**.2025295**	**-1.90**	**0.058**	**-.7812881**	**.0126132**
age_40_49	**-.3147687**	**.2027474**	**-1.55**	**0.121**	**-.7121464**	**.0826091**
age_50_64	**-.4296384**	**.2029736**	**-2.12**	**0.034**	**-.8274593**	**-.0318174**
age_ab64	**-.5402476**	**.2412004**	**-2.24**	**0.025**	**-1.012992**	**-.0675034**
woman	**-.129424**	**.014324**	**-9.04**	**0.000**	**-.1574985**	**-.1013494**
non_nordic	**.289615**	**.0537798**	**5.39**	**0.000**	**.1842085**	**.3950216**
non_oecd	**-.1201507**	**.0659768**	**-1.82**	**0.069**	**-.2494629**	**.0091614**
_cons	**1.700221**	**.2022818**	**8.41**	**0.000**	**1.303755**	**2.096686**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **16,827,351**
Absorbing 1 HDFE group — F(**12,3768385**) = **226.71**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0016**
Adj R-squared = **0.0015**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **3,768,386** — Root MSE = **29.4397**

(Std. err. adjusted for **3,768,386** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.555223**	**.0176751**	**-31.41**	**0.000**	**-.5898656**	**-.5205804**
std_inc_res	**.0938279**	**.0111109**	**8.44**	**0.000**	**.0720508**	**.1156049**
betyg_sd	**.1222388**	**.007951**	**15.37**	**0.000**	**.1066551**	**.1378225**
stud	**-.3800009**	**.0253785**	**-14.97**	**0.000**	**-.4297418**	**-.33026**
age_b30	**-.6452392**	**.2025011**	**-3.19**	**0.001**	**-1.042134**	**-.2483443**
age_30_39	**-.3601589**	**.2026966**	**-1.78**	**0.076**	**-.757437**	**.0371192**
age_40_49	**-.2902908**	**.2029107**	**-1.43**	**0.153**	**-.6879886**	**.107407**
age_50_64	**-.4138491**	**.2031263**	**-2.04**	**0.042**	**-.8119695**	**-.0157287**
age_ab64	**-.5578884**	**.2414324**	**-2.31**	**0.021**	**-1.031087**	**-.0846893**
woman	**-.1614389**	**.0146971**	**-10.98**	**0.000**	**-.1902448**	**-.1326331**
non_nordic	**.3583816**	**.0556778**	**6.44**	**0.000**	**.2492552**	**.4675081**
non_oecd	**-.1149846**	**.0682972**	**-1.68**	**0.092**	**-.2488446**	**.0188754**
_cons	**1.641892**	**.2024586**	**8.11**	**0.000**	**1.24508**	**2.038704**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,159,713**
Absorbing 1 HDFE group — F(**10,1404744**) = **155.41**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0024**
Adj R-squared = **0.0021**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **1,404,745** — Root MSE = **31.7332**

(Std. err. adjusted for **1,404,745** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9316037**	**.0256763**	**-36.28**	**0.000**	**-.9819283**	**-.8812791**
stud	**-.3684486**	**.0614505**	**-6.00**	**0.000**	**-.4888894**	**-.2480078**
age_b30	**-.2164115**	**.1672255**	**-1.29**	**0.196**	**-.5441678**	**.1113448**
age_30_39	**.1847023**	**.1645668**	**1.12**	**0.262**	**-.137843**	**.5072476**
age_40_49	**.2503507**	**.1626481**	**1.54**	**0.124**	**-.0684339**	**.5691353**
age_50_64	**.1594405**	**.1619114**	**0.98**	**0.325**	**-.1579003**	**.4767812**
age_ab64	**.0800827**	**.1869547**	**0.43**	**0.668**	**-.2863421**	**.4465075**
woman	**1.345774**	**.3497657**	**3.85**	**0.000**	**.6602453**	**2.031303**
non_nordic	**.2932307**	**.118847**	**2.47**	**0.014**	**.0602946**	**.5261667**
non_oecd	**-.1108165**	**.1557816**	**-0.71**	**0.477**	**-.4161431**	**.1945102**
_cons	**1.350147**	**.1625141**	**8.31**	**0.000**	**1.031625**	**1.668669**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,144,375**
Absorbing 1 HDFE group — F(**12,1396284**) = **192.25**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0025**
Adj R-squared = **0.0022**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **1,396,285** — Root MSE = **31.7497**

(Std. err. adjusted for **1,396,285** clusters in **p_id**)

vald_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6701872**	**.0274912**	**-24.38**	**0.000**	**-.724069**	**-.6163054**
std_inc_res	**-.0576202**	**.0188217**	**-3.06**	**0.002**	**-.0945101**	**-.0207303**
cognitive	**.1917848**	**.006638**	**28.89**	**0.000**	**.1787745**	**.2047951**
stud	**-.4125431**	**.0622613**	**-6.63**	**0.000**	**-.5345731**	**-.290513**
age_b30	**-.1586278**	**.1673812**	**-0.95**	**0.343**	**-.4866893**	**.1694337**
age_30_39	**.2507373**	**.1647038**	**1.52**	**0.128**	**-.0720764**	**.573551**
age_40_49	**.30481**	**.1627817**	**1.87**	**0.061**	**-.0142366**	**.6238566**
age_50_64	**.1896549**	**.1620418**	**1.17**	**0.242**	**-.1279415**	**.5072512**
age_ab64	**.0581297**	**.186967**	**0.31**	**0.756**	**-.3083192**	**.4245785**
woman	**1.294662**	**.3501058**	**3.70**	**0.000**	**.608467**	**1.980858**
non_nordic	**.4706164**	**.1196497**	**3.93**	**0.000**	**.2361071**	**.7051258**
non_oecd	**.008333**	**.1567068**	**0.05**	**0.958**	**-.2988069**	**.3154729**
_cons	**.1906079**	**.1662649**	**1.15**	**0.252**	**-.1352657**	**.5164814**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,972,371**
Absorbing 1 HDFE group — F(**1,10294270**)= **1171.86**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0002**
Adj R-squared = **0.0002**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **10,294,271** — Root MSE = **80.7303**

(Std. err. adjusted for **10,294,271** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.8973012**	**.026212**	**-34.23**	**0.000**	**-.9486759**	**-.8459266**
_cons	**1.085094**	**.0223984**	**48.45**	**0.000**	**1.041194**	**1.128994**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,972,371**
Absorbing 1 HDFE group — F(**10,10294270**)= **202.12**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0003**
Adj R-squared = **0.0002**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **10,294,271** — Root MSE = **80.7288**

(Std. err. adjusted for **10,294,271** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9367116**	**.0280882**	**-33.35**	**0.000**	**-.9917635**	**-.8816597**
stud	**-.7008824**	**.0309366**	**-22.66**	**0.000**	**-.761517**	**-.6402477**
age_b30	**-.2306949**	**.1004637**	**-2.30**	**0.022**	**-.4276001**	**-.0337897**
age_30_39	**.0460328**	**.1037295**	**0.44**	**0.657**	**-.1572733**	**.2493389**
age_40_49	**.51096**	**.106776**	**4.79**	**0.000**	**.3016829**	**.7202371**
age_50_64	**.4874941**	**.1054251**	**4.62**	**0.000**	**.2808646**	**.6941236**
age_ab64	**-.4361432**	**.1012229**	**-4.31**	**0.000**	**-.6345366**	**-.2377499**
woman	**-.4757663**	**.0242473**	**-19.62**	**0.000**	**-.5232901**	**-.4282425**
non_nordic	**-.2633433**	**.0376164**	**-7.00**	**0.000**	**-.3370701**	**-.1896165**
non_oecd	**-.0052179**	**.0424976**	**-0.12**	**0.902**	**-.0885116**	**.0780758**
_cons	**1.315846**	**.1037057**	**12.69**	**0.000**	**1.112587**	**1.519106**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **42,534,027**
Absorbing 1 HDFE group — F(**11,9408388**) = **184.75**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0003**
Adj R-squared = **0.0002**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **9,408,389** — Root MSE = **81.9253**

(Std. err. adjusted for **9,408,389** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.8861336**	**.028257**	**-31.36**	**0.000**	**-.9415164**	**-.8307508**
std_inc_res	**.30477**	**.0150643**	**20.23**	**0.000**	**.2752446**	**.3342954**
stud	**-.5608378**	**.0324458**	**-17.29**	**0.000**	**-.6244304**	**-.4972451**
age_b30	**-.2692464**	**.1019156**	**-2.64**	**0.008**	**-.4689973**	**-.0694954**
age_30_39	**.0302822**	**.1051198**	**0.29**	**0.773**	**-.1757488**	**.2363132**
age_40_49	**.5072232**	**.1081287**	**4.69**	**0.000**	**.2952948**	**.7191515**
age_50_64	**.4854352**	**.1067786**	**4.55**	**0.000**	**.276153**	**.6947175**
age_ab64	**-.4505737**	**.1029043**	**-4.38**	**0.000**	**-.6522625**	**-.2488849**
woman	**-.4813945**	**.0250256**	**-19.24**	**0.000**	**-.5304438**	**-.4323453**
non_nordic	**-.1719611**	**.039559**	**-4.35**	**0.000**	**-.2494953**	**-.0944268**
non_oecd	**.0573423**	**.0454466**	**1.26**	**0.207**	**-.0317315**	**.1464161**
_cons	**1.26248**	**.1048419**	**12.04**	**0.000**	**1.056994**	**1.467966**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **17,074,806**
Absorbing 1 HDFE group — F(**10,3949557**) = **88.89**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0004**
Adj R-squared = **0.0002**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **3,949,558** — Root MSE = **88.1102**

(Std. err. adjusted for **3,949,558** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9646125**	**.0510908**	**-18.88**	**0.000**	**-1.064749**	**-.8644764**
stud	**-.7042012**	**.0473757**	**-14.86**	**0.000**	**-.7970559**	**-.6113465**
age_b30	**-.7516182**	**.6429606**	**-1.17**	**0.242**	**-2.011798**	**.5085617**
age_30_39	**-.4239656**	**.6445285**	**-0.66**	**0.511**	**-1.687219**	**.8392875**
age_40_49	**.1938868**	**.6465537**	**0.30**	**0.764**	**-1.073336**	**1.461109**
age_50_64	**.1796253**	**.648409**	**0.28**	**0.782**	**-1.091233**	**1.450484**
age_ab64	**-.962651**	**.7146476**	**-1.35**	**0.178**	**-2.363335**	**.438033**
woman	**-.4485029**	**.0433159**	**-10.35**	**0.000**	**-.5334006**	**-.3636052**
non_nordic	**.1442096**	**.1388378**	**1.04**	**0.299**	**-.1279075**	**.4163268**
non_oecd	**-.0816517**	**.1594082**	**-0.51**	**0.608**	**-.3940862**	**.2307828**
_cons	**1.806454**	**.6441493**	**2.80**	**0.005**	**.5439438**	**3.068963**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **16,841,803**
Absorbing 1 HDFE group — F(**12,3768483**) = **74.26**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0004**
Adj R-squared = **0.0002**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **3,768,484** — Root MSE = **88.5841**

(Std. err. adjusted for **3,768,484** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.831492**	**.0514895**	**-16.15**	**0.000**	**-.9324096**	**-.7305743**
std_inc_res	**.3103295**	**.0329109**	**9.43**	**0.000**	**.2458254**	**.3748336**
betyg_sd	**.1632388**	**.0238937**	**6.83**	**0.000**	**.1164079**	**.2100697**
stud	**-.5530188**	**.0484104**	**-11.42**	**0.000**	**-.6479014**	**-.4581362**
age_b30	**-.7463179**	**.6434726**	**-1.16**	**0.246**	**-2.007501**	**.5148655**
age_30_39	**-.3832346**	**.6449935**	**-0.59**	**0.552**	**-1.647399**	**.88093**
age_40_49	**.233249**	**.6470403**	**0.36**	**0.718**	**-1.034927**	**1.501425**
age_50_64	**.201498**	**.648856**	**0.31**	**0.756**	**-1.070237**	**1.473233**
age_ab64	**-.9507095**	**.7150025**	**-1.33**	**0.184**	**-2.352089**	**.4506701**
woman	**-.4914537**	**.0446975**	**-11.00**	**0.000**	**-.5790591**	**-.4038482**
non_nordic	**.2355512**	**.143593**	**1.64**	**0.101**	**-.0458861**	**.5169884**
non_oecd	**-.0461548**	**.1662475**	**-0.28**	**0.781**	**-.371994**	**.2796843**
_cons	**1.666165**	**.6443182**	**2.59**	**0.010**	**.403324**	**2.929006**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,170,243**
Absorbing 1 HDFE group — F(**10,1404835**) = **36.52**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0006**
Adj R-squared = **0.0004**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **1,404,836** — Root MSE = **108.0606**

(Std. err. adjusted for **1,404,836** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-1.611685**	**.0906663**	**-17.78**	**0.000**	**-1.789388**	**-1.433982**
stud	**-1.046576**	**.1115278**	**-9.38**	**0.000**	**-1.265167**	**-.8279856**
age_b30	**.1928562**	**.5631277**	**0.34**	**0.732**	**-.9108547**	**1.296567**
age_30_39	**.4160889**	**.5598826**	**0.74**	**0.457**	**-.6812619**	**1.51344**
age_40_49	**.8422792**	**.555105**	**1.52**	**0.129**	**-.2457076**	**1.930266**
age_50_64	**.9119957**	**.5514723**	**1.65**	**0.098**	**-.1688712**	**1.992863**
age_ab64	**-.6174059**	**.5885109**	**-1.05**	**0.294**	**-1.770867**	**.5360553**
woman	**.212298**	**.882696**	**0.24**	**0.810**	**-1.517756**	**1.942352**
non_nordic	**.1250498**	**.362117**	**0.35**	**0.730**	**-.5846871**	**.8347866**
non_oecd	**-.2536512**	**.4406906**	**-0.58**	**0.565**	**-1.11739**	**.6100873**
_cons	**1.399515**	**.5516631**	**2.54**	**0.011**	**.3182745**	**2.480756**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,154,882**
Absorbing 1 HDFE group — F(**12,1396371**) = **40.31**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0007**
Adj R-squared = **0.0004**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **1,396,372** — Root MSE = **108.0482**

(Std. err. adjusted for **1,396,372** clusters in **p_id**)

listleader~l	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-1.117031**	**.0933161**	**-11.97**	**0.000**	**-1.299927**	**-.9341346**
std_inc_res	**.2737009**	**.0626323**	**4.37**	**0.000**	**.1509436**	**.3964581**
cognitive	**.2988735**	**.0233545**	**12.80**	**0.000**	**.2530995**	**.3446475**
stud	**-.9697052**	**.1130794**	**-8.58**	**0.000**	**-1.191337**	**-.7480735**
age_b30	**.2782448**	**.5633516**	**0.49**	**0.621**	**-.8259051**	**1.382395**
age_30_39	**.5304146**	**.560202**	**0.95**	**0.344**	**-.5675622**	**1.628391**
age_40_49	**.9430546**	**.5556194**	**1.70**	**0.090**	**-.1459405**	**2.03205**
age_50_64	**.9631539**	**.5519464**	**1.75**	**0.081**	**-.1186421**	**2.04495**
age_ab64	**-.6443187**	**.5891542**	**-1.09**	**0.274**	**-1.799041**	**.5104033**
woman	**.1047626**	**.8835145**	**0.12**	**0.906**	**-1.626896**	**1.836421**
non_nordic	**.4867885**	**.3644734**	**1.34**	**0.182**	**-.2275669**	**1.201144**
non_oecd	**-.041172**	**.4434092**	**-0.09**	**0.926**	**-.9102387**	**.8278947**
_cons	**-.536975**	**.5622932**	**-0.95**	**0.340**	**-1.63905**	**.5651003**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,958,316**
Absorbing 1 HDFE group — F(**1,10294163**)= **5362.02**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0003**
Adj R-squared = **0.0002**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **10,294,164** — Root MSE = **32.5110**

(Std. err. adjusted for **10,294,164** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.7488371**	**.0102264**	**-73.23**	**0.000**	**-.7688805**	**-.7287937**
_cons	**1.040088**	**.0085696**	**121.37**	**0.000**	**1.023292**	**1.056885**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,958,316**
Absorbing 1 HDFE group — F(**10,10294163**)= **770.24**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0003**
Adj R-squared = **0.0003**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **10,294,164** — Root MSE = **32.5099**

(Std. err. adjusted for **10,294,164** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.7858795**	**.0109312**	**-71.89**	**0.000**	**-.8073043**	**-.7644547**
stud	**-.3631011**	**.0278311**	**-13.05**	**0.000**	**-.417649**	**-.3085531**
age_b30	**.3309219**	**.0354419**	**9.34**	**0.000**	**.261457**	**.4003869**
age_30_39	**.3559876**	**.03549**	**10.03**	**0.000**	**.2864283**	**.4255468**
age_40_49	**.4899828**	**.0357791**	**13.69**	**0.000**	**.4198571**	**.5601085**
age_50_64	**.3003251**	**.0348442**	**8.62**	**0.000**	**.2320317**	**.3686184**
age_ab64	**-.1909989**	**.0338327**	**-5.65**	**0.000**	**-.2573098**	**-.1246881**
woman	**-.1738476**	**.0098175**	**-17.71**	**0.000**	**-.1930896**	**-.1546057**
non_nordic	**-.0427311**	**.0206028**	**-2.07**	**0.038**	**-.0831119**	**-.0023503**
non_oecd	**.1894373**	**.0310074**	**6.11**	**0.000**	**.1286639**	**.2502107**
_cons	**.9106725**	**.0343766**	**26.49**	**0.000**	**.8432955**	**.9780495**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **42,520,102**
Absorbing 1 HDFE group — F(**11,9408287**) = **674.34**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0003**
Adj R-squared = **0.0003**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **9,408,288** — Root MSE = **32.9103**

(Std. err. adjusted for **9,408,288** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.7987299**	**.0112751**	**-70.84**	**0.000**	**-.8208286**	**-.7766312**
std_inc_res	**.0258356**	**.0063976**	**4.04**	**0.000**	**.0132966**	**.0383747**
stud	**-.2945362**	**.0303909**	**-9.69**	**0.000**	**-.3541014**	**-.2349711**
age_b30	**.3240211**	**.0359061**	**9.02**	**0.000**	**.2536464**	**.3943958**
age_30_39	**.3527397**	**.0359541**	**9.81**	**0.000**	**.2822709**	**.4232085**
age_40_49	**.4876323**	**.0362247**	**13.46**	**0.000**	**.4166332**	**.5586314**
age_50_64	**.2986782**	**.035294**	**8.46**	**0.000**	**.2295031**	**.3678532**
age_ab64	**-.1811814**	**.0344207**	**-5.26**	**0.000**	**-.2486448**	**-.113718**
woman	**-.1817368**	**.0101284**	**-17.94**	**0.000**	**-.2015881**	**-.1618854**
non_nordic	**-.0131594**	**.0216838**	**-0.61**	**0.544**	**-.0556589**	**.02934**
non_oecd	**.2356151**	**.0331005**	**7.12**	**0.000**	**.1707394**	**.3004909**
_cons	**.9192577**	**.0349365**	**26.31**	**0.000**	**.8507834**	**.987732**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **17,068,814**
Absorbing 1 HDFE group — F(**10**,**3949516**) = **164.05**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0004**
Adj R-squared = **0.0003**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **3,949,517** — Root MSE = **36.6209**

(Std. err. adjusted for **3,949,517** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.7826723**	**.0207047**	**-37.80**	**0.000**	**-.8232528**	**-.7420919**
stud	**-.3504566**	**.0364534**	**-9.61**	**0.000**	**-.421904**	**-.2790091**
age_b30	**.4027142**	**.1710225**	**2.35**	**0.019**	**.0675161**	**.7379123**
age_30_39	**.4115684**	**.1710359**	**2.41**	**0.016**	**.0763442**	**.7467926**
age_40_49	**.3874941**	**.1711158**	**2.26**	**0.024**	**.0521132**	**.722875**
age_50_64	**.3444043**	**.1714525**	**2.01**	**0.045**	**.0083635**	**.6804451**
age_ab64	**.0808839**	**.2181518**	**0.37**	**0.711**	**-.3466859**	**.5084537**
woman	**-.2160066**	**.0179399**	**-12.04**	**0.000**	**-.2511682**	**-.180845**
non_nordic	**.3549117**	**.075554**	**4.70**	**0.000**	**.2068285**	**.5029949**
non_oecd	**.0318066**	**.0983476**	**0.32**	**0.746**	**-.1609512**	**.2245645**
_cons	**.9233391**	**.1705236**	**5.41**	**0.000**	**.5891189**	**1.257559**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **16,835,839**
Absorbing 1 HDFE group — F(**12**,**3768445**) = **166.84**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0004**
Adj R-squared = **0.0003**
Within R-sq. = **0.0001**
Number of clusters (**p_id**) = **3,768,446** — Root MSE = **36.6425**

(Std. err. adjusted for **3,768,446** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6773612**	**.021207**	**-31.94**	**0.000**	**-.7189261**	**-.6357962**
std_inc_res	**-.0586957**	**.0152792**	**-3.84**	**0.000**	**-.0886424**	**-.028749**
betyg_sd	**.2208201**	**.0104966**	**21.04**	**0.000**	**.2002471**	**.241393**
stud	**-.2996001**	**.038403**	**-7.80**	**0.000**	**-.3748687**	**-.2243315**
age_b30	**.4039766**	**.1711919**	**2.36**	**0.018**	**.0684465**	**.7395067**
age_30_39	**.4447491**	**.1712255**	**2.60**	**0.009**	**.1091533**	**.780345**
age_40_49	**.426084**	**.1712949**	**2.49**	**0.013**	**.0903521**	**.7618159**
age_50_64	**.3764397**	**.1716047**	**2.19**	**0.028**	**.0401005**	**.7127788**
age_ab64	**.0093774**	**.2183548**	**0.04**	**0.966**	**-.4185903**	**.4373451**
woman	**-.2779075**	**.0184959**	**-15.03**	**0.000**	**-.3141589**	**-.2416562**
non_nordic	**.4382607**	**.0778224**	**5.63**	**0.000**	**.2857316**	**.5907899**
non_oecd	**.0698832**	**.1017744**	**0.69**	**0.492**	**-.129591**	**.2693574**
_cons	**.8885944**	**.1708253**	**5.20**	**0.000**	**.5537829**	**1.223406**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,166,941**
Absorbing 1 HDFE group — F(**10,1404814**) = **115.41**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0006**
Adj R-squared = **0.0004**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **1,404,815** — Root MSE = **36.6616**

(Std. err. adjusted for **1,404,815** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9415316**	**.0292967**	**-32.14**	**0.000**	**-.998952**	**-.8841111**
stud	**.1269526**	**.1057738**	**1.20**	**0.230**	**-.0803604**	**.3342656**
age_b30	**.3435923**	**.1728757**	**1.99**	**0.047**	**.0047619**	**.6824227**
age_30_39	**.4365631**	**.1680634**	**2.60**	**0.009**	**.1071645**	**.7659616**
age_40_49	**.3610356**	**.1654811**	**2.18**	**0.029**	**.0366982**	**.6853729**
age_50_64	**.2849522**	**.1641813**	**1.74**	**0.083**	**-.0368376**	**.6067419**
age_ab64	**.1494092**	**.1918672**	**0.78**	**0.436**	**-.2266439**	**.5254622**
woman	**1.154398**	**.4198129**	**2.75**	**0.006**	**.3315796**	**1.977217**
non_nordic	**.767381**	**.1854043**	**4.14**	**0.000**	**.4039948**	**1.130767**
non_oecd	**-.1625114**	**.2524737**	**-0.64**	**0.520**	**-.6573512**	**.3323283**
_cons	**.9665741**	**.1649278**	**5.86**	**0.000**	**.6433214**	**1.289827**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,151,583**
Absorbing 1 HDFE group — F(**12,1396350**) = **144.56**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0007**
Adj R-squared = **0.0005**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **1,396,351** — Root MSE = **36.6697**

(Std. err. adjusted for **1,396,351** clusters in **p_id**)

nom_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.6861691**	**.0309731**	**-22.15**	**0.000**	**-.7468753**	**-.6254628**
std_inc_res	**-.2512426**	**.0244396**	**-10.28**	**0.000**	**-.2991434**	**-.2033419**
cognitive	**.2165061**	**.0081605**	**26.53**	**0.000**	**.2005118**	**.2325004**
stud	**.0119848**	**.1069409**	**0.11**	**0.911**	**-.1976156**	**.2215853**
age_b30	**.4198402**	**.1731031**	**2.43**	**0.015**	**.0805641**	**.7591163**
age_30_39	**.5081073**	**.1682607**	**3.02**	**0.003**	**.1783221**	**.8378925**
age_40_49	**.4185308**	**.1656657**	**2.53**	**0.012**	**.0938318**	**.7432298**
age_50_64	**.3157307**	**.1643343**	**1.92**	**0.055**	**-.006359**	**.6378203**
age_ab64	**.1353763**	**.1920306**	**0.70**	**0.481**	**-.2409971**	**.5117496**
woman	**1.109206**	**.4203208**	**2.64**	**0.008**	**.2853916**	**1.93302**
non_nordic	**.9289024**	**.1863613**	**4.98**	**0.000**	**.5636408**	**1.294164**
non_oecd	**-.0453861**	**.2537873**	**-0.18**	**0.858**	**-.5428004**	**.4520283**
_cons	**-.2839273**	**.1710091**	**-1.66**	**0.097**	**-.6190993**	**.0512447**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,973,529**
Absorbing 1 HDFE group — F(**1,10294272**)= **434.06**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0001**
Adj R-squared = **0.0001**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **10,294,273** — Root MSE = **138.5368**

(Std. err. adjusted for **10,294,273** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.8627735**	**.0414117**	**-20.83**	**0.000**	**-.943939**	**-.7816079**
_cons	**1.003473**	**.0380262**	**26.39**	**0.000**	**.9289427**	**1.078003**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **43,973,529**
Absorbing 1 HDFE group — F(**10,10294272**)= **62.56**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0001**
Adj R-squared = **0.0001**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **10,294,273** — Root MSE = **138.5362**

(Std. err. adjusted for **10,294,273** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9396112**	**.0451599**	**-20.81**	**0.000**	**-1.028123**	**-.8510995**
stud	**-.9760991**	**.0718983**	**-13.58**	**0.000**	**-1.117017**	**-.835181**
age_b30	**.4892948**	**.0826144**	**5.92**	**0.000**	**.3273734**	**.6512161**
age_30_39	**.7196419**	**.0899222**	**8.00**	**0.000**	**.5433976**	**.8958863**
age_40_49	**1.027297**	**.0959013**	**10.71**	**0.000**	**.839334**	**1.21526**
age_50_64	**.6300759**	**.0835717**	**7.54**	**0.000**	**.4662784**	**.7938733**
age_ab64	**-.0408973**	**.0695015**	**-0.59**	**0.556**	**-.1771177**	**.0953231**
woman	**-.152001**	**.0419304**	**-3.63**	**0.000**	**-.2341831**	**-.069819**
non_nordic	**-.1671805**	**.0873299**	**-1.91**	**0.056**	**-.3383439**	**.0039829**
non_oecd	**.1023094**	**.1244834**	**0.82**	**0.411**	**-.1416735**	**.3462923**
_cons	**.6284986**	**.0765056**	**8.22**	**0.000**	**.4785504**	**.7784468**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **42,535,266**
Absorbing 1 HDFE group — F(**11,9408392**) = **56.53**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0001**
Adj R-squared = **0.0001**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **9,408,393** — Root MSE = **140.1479**

(Std. err. adjusted for **9,408,393** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.8686355**	**.0445259**	**-19.51**	**0.000**	**-.9559046**	**-.7813663**
std_inc_res	**.3585801**	**.0292173**	**12.27**	**0.000**	**.3013153**	**.415845**
stud	**-.8372411**	**.071051**	**-11.78**	**0.000**	**-.9764984**	**-.6979837**
age_b30	**.4354833**	**.083272**	**5.23**	**0.000**	**.2722732**	**.5986934**
age_30_39	**.7004384**	**.0906618**	**7.73**	**0.000**	**.5227446**	**.8781322**
age_40_49	**1.029641**	**.0967835**	**10.64**	**0.000**	**.8399491**	**1.219334**
age_50_64	**.6341797**	**.0845303**	**7.50**	**0.000**	**.4685032**	**.7998561**
age_ab64	**-.0574537**	**.0707852**	**-0.81**	**0.417**	**-.1961903**	**.0812828**
woman	**-.146353**	**.0431524**	**-3.39**	**0.001**	**-.2309302**	**-.0617759**
non_nordic	**-.0549095**	**.0916148**	**-0.60**	**0.549**	**-.2344713**	**.1246522**
non_oecd	**.1621245**	**.1326102**	**1.22**	**0.221**	**-.0977867**	**.4220357**
_cons	**.5474571**	**.0776327**	**7.05**	**0.000**	**.3952998**	**.6996145**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **17,075,231**
Absorbing 1 HDFE group — F(**10,3949556**) = **30.79**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0001**
Adj R-squared = **-0.0000**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **3,949,557** — Root MSE = **164.6456**

(Std. err. adjusted for **3,949,557** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-1.237326**	**.0903737**	**-13.69**	**0.000**	**-1.414455**	**-1.060196**
stud	**-1.24513**	**.1103508**	**-11.28**	**0.000**	**-1.461413**	**-1.028846**
age_b30	**.9662058**	**.1098615**	**8.79**	**0.000**	**.7508812**	**1.18153**
age_30_39	**1.197778**	**.1240482**	**9.66**	**0.000**	**.9546483**	**1.440909**
age_40_49	**1.306231**	**.129508**	**10.09**	**0.000**	**1.0524**	**1.560062**
age_50_64	**1.199648**	**.1365164**	**8.79**	**0.000**	**.9320809**	**1.467216**
age_ab64	**.0830496**	**.043336**	**1.92**	**0.055**	**-.0018874**	**.1679866**
woman	**-.2355863**	**.0811398**	**-2.90**	**0.004**	**-.3946175**	**-.0765551**
non_nordic	**.7274287**	**.3947662**	**1.84**	**0.065**	**-.0462992**	**1.501157**
non_oecd	**-.1853261**	**.4946697**	**-0.37**	**0.708**	**-1.154861**	**.7842089**
_cons	**.4384542**	**.0890714**	**4.92**	**0.000**	**.2638775**	**.6130309**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **16,842,230**
Absorbing 1 HDFE group — F(**12,3768482**) = **26.68**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0001**
Adj R-squared = **0.0000**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **3,768,483** — Root MSE = **164.6353**

(Std. err. adjusted for **3,768,483** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9913087**	**.0853141**	**-11.62**	**0.000**	**-1.158521**	**-.8240961**
std_inc_res	**.4459809**	**.0684096**	**6.52**	**0.000**	**.3119005**	**.5800614**
betyg_sd	**.321236**	**.0479278**	**6.70**	**0.000**	**.2272993**	**.4151727**
stud	**-1.040022**	**.1052708**	**-9.88**	**0.000**	**-1.24635**	**-.8336953**
age_b30	**.9624873**	**.1123078**	**8.57**	**0.000**	**.742368**	**1.182607**
age_30_39	**1.268431**	**.1279181**	**9.92**	**0.000**	**1.017716**	**1.519146**
age_40_49	**1.37883**	**.1325765**	**10.40**	**0.000**	**1.118984**	**1.638675**
age_50_64	**1.242421**	**.1373841**	**9.04**	**0.000**	**.9731529**	**1.511689**
age_ab64	**.0816356**	**.0504633**	**1.62**	**0.106**	**-.0172707**	**.1805418**
woman	**-.3130366**	**.0836635**	**-3.74**	**0.000**	**-.477014**	**-.1490592**
non_nordic	**.9076391**	**.4094123**	**2.22**	**0.027**	**.1052056**	**1.710073**
non_oecd	**-.1981031**	**.5090592**	**-0.39**	**0.697**	**-1.195841**	**.799635**
_cons	**.2084293**	**.0945357**	**2.20**	**0.027**	**.0231428**	**.3937159**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,170,779**
Absorbing 1 HDFE group — F(**10,1404834**) = **12.17**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0002**
Adj R-squared = **-0.0000**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **1,404,835** — Root MSE = **167.5284**

(Std. err. adjusted for **1,404,835** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-1.343997**	**.129433**	**-10.38**	**0.000**	**-1.597681**	**-1.090313**
stud	**-.8448516**	**.2833428**	**-2.98**	**0.003**	**-1.400194**	**-.2895094**
age_b30	**.7800352**	**.2952147**	**2.64**	**0.008**	**.2014246**	**1.358646**
age_30_39	**.7611062**	**.2447322**	**3.11**	**0.002**	**.2814394**	**1.240773**
age_40_49	**1.087305**	**.1986152**	**5.47**	**0.000**	**.6980256**	**1.476584**
age_50_64	**.8722039**	**.1767021**	**4.94**	**0.000**	**.5258738**	**1.218534**
age_ab64	**-.0188661**	**.0291316**	**-0.65**	**0.517**	**-.075963**	**.0382307**
woman	**3.853825**	**2.878677**	**1.34**	**0.181**	**-1.788283**	**9.495934**
non_nordic	**1.552537**	**1.072815**	**1.45**	**0.148**	**-.5501433**	**3.655218**
non_oecd	**-1.442295**	**1.270709**	**-1.14**	**0.256**	**-3.932842**	**1.048252**
_cons	**.6651306**	**.1849409**	**3.60**	**0.000**	**.3026528**	**1.027608**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **8,155,414**
Absorbing 1 HDFE group — F(**12,1396370**) = **11.95**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0002**
Adj R-squared = **-0.0000**
Within R-sq. = **0.0000**
Number of clusters (**p_id**) = **1,396,371** — Root MSE = **167.6855**

(Std. err. adjusted for **1,396,371** clusters in **p_id**)

vald_ri_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.9496626**	**.1279415**	**-7.42**	**0.000**	**-1.200424**	**-.6989016**
std_inc_res	**.4888613**	**.1041582**	**4.69**	**0.000**	**.2847147**	**.6930079**
cognitive	**.1992627**	**.0354673**	**5.62**	**0.000**	**.1297481**	**.2687774**
stud	**-.6725647**	**.2782653**	**-2.42**	**0.016**	**-1.217955**	**-.1271742**
age_b30	**.8122083**	**.2963689**	**2.74**	**0.006**	**.2313355**	**1.393081**
age_30_39	**.8419481**	**.2466472**	**3.41**	**0.001**	**.3585279**	**1.325368**
age_40_49	**1.161468**	**.2010892**	**5.78**	**0.000**	**.7673398**	**1.555596**
age_50_64	**.9129077**	**.1778079**	**5.13**	**0.000**	**.5644104**	**1.261405**
age_ab64	**-.0394783**	**.0295192**	**-1.34**	**0.181**	**-.097335**	**.0183784**
woman	**3.767059**	**2.882617**	**1.31**	**0.191**	**-1.882772**	**9.416889**
non_nordic	**1.870098**	**1.075483**	**1.74**	**0.082**	**-.2378109**	**3.978007**
non_oecd	**-1.275385**	**1.279554**	**-1.00**	**0.319**	**-3.783267**	**1.232497**
_cons	**-.720832**	**.275872**	**-2.61**	**0.009**	**-1.261532**	**-.1801322**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

Tables_1pop_W10.xml
dir : seeout

```
 8 .
 9 . preserve
   already preserved
   r(621);

   end of do-file

   r(621);

10 . do "G:\STATATMP\folol\STDca4b0_000000.tmp"

11 . preserve

12 . keep if year>2000
   (11,752,370 observations deleted)

13 .
14 . reghdfe nom_left_rel worker_lim_noun  worker_lim_un    std_inc_res stud age_b30-  age_ab64 woman non_n
   > , abs(m_y)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 31,590,477
   Absorbing 1 HDFE group                            F(  12,31589015)=    2652.75
                                                     Prob > F        =     0.0000
                                                     R-squared       =     0.0017
                                                     Adj R-squared   =     0.0016
                                                     Within R-sq.    =     0.0010
                                                     Root MSE        =    32.4577

------------------------------------------------------------------------------
 nom_left_rel | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
--------------+---------------------------------------------------------------
worker_lim_noun|  -.7231243   .0128427   -56.31   0.000    -.7482954   -.6979532
  worker_lim_un|   4.099404   .0291613   140.58   0.000     4.042249    4.156559
    std_inc_res|  -.0117405   .0074653    -1.57   0.116    -.0263722    .0028913
           stud|  -.2789447   .0309209    -9.02   0.000    -.3395486   -.2183408
        age_b30|    .695407   .0485002    14.34   0.000     .6003483    .7904657
      age_30_39|    .649537   .0478434    13.58   0.000     .5557656    .7433083
      age_40_49|   .5772908   .0476606    12.11   0.000     .4838778    .6707038
      age_50_64|   .2631858     .04715     5.58   0.000     .1707735    .3555981
       age_ab64|  -.2798447   .0474626    -5.90   0.000    -.3728696   -.1868198
          woman|   .0409934   .0115742     3.54   0.000     .0183084    .0636783
     non_nordic|   .2985639   .0267078    11.18   0.000     .2462176    .3509102
       non_oecd|   .4857475   .0361888    13.42   0.000     .4148188    .5566762
          _cons|   .6683151   .0464838    14.38   0.000     .5772086    .7594217
------------------------------------------------------------------------------

   Absorbed degrees of freedom:

 Absorbed FE | Categories  - Redundant  = Num. Coefs
-------------+---------------------------------------
         m_y |       1450           0        1450
-------------+---------------------------------------

15 . outreg2 using Table_2pop , append dec(3) excel  ctitle(Left)
   Table_2pop.xml
   dir : seeout

16 . reghdfe  nom_notleft_rel worker_lim_noun  worker_lim_un    std_inc_res stud age_b30-  age_ab64 woman n
   > d   , abs(m_y)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 31,590,477
   Absorbing 1 HDFE group                            F(  12,31589015)=     991.36
                                                     Prob > F        =     0.0000
                                                     R-squared       =     0.0013
                                                     Adj R-squared   =     0.0013
                                                     Within R-sq.    =     0.0004
                                                     Root MSE        =    16.5633
```

nom_notleft_rel	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
worker_lim_noun	-.5610965	.0065537	-85.62	0.000	-.5739415	-.5482516
worker_lim_un	-.4871787	.0148811	-32.74	0.000	-.5163452	-.4580122
std_inc_res	-.1014359	.0038096	-26.63	0.000	-.1089026	-.0939693
stud	-.1868813	.0157791	-11.84	0.000	-.2178078	-.1559549
age_b30	.1722725	.0247499	6.96	0.000	.1237636	.2207814
age_30_39	.1911182	.0244147	7.83	0.000	.1432662	.2389702
age_40_49	.1834219	.0243214	7.54	0.000	.1357528	.231091
age_50_64	.0482112	.0240609	2.00	0.045	.0010527	.0953696
age_ab64	-.224456	.0242204	-9.27	0.000	-.2719271	-.176985
woman	-.237813	.0059064	-40.26	0.000	-.2493892	-.2262367
non_nordic	-.027381	.0136291	-2.01	0.045	-.0540935	-.0006685
non_oecd	.0401804	.0184673	2.18	0.030	.0039852	.0763757
_cons	1.049693	.0237209	44.25	0.000	1.003201	1.096185

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	1450	0	**1450**

```
17 . outreg2 using Table_2pop , append dec(3) excel  ctitle(Right)
   Table_2pop.xml
   dir : seeout

18 .
19 . restore

20 .
21 .
22 . areg nom_rel worker_lim  stud age_b30- age_ab64 woman non_nordic non_oecd   if   std_flex!=.  , abs(m_
```

Linear regression, absorbing indicators — Number of obs = **24,461,412**
Absorbed variable: **m_y** — No. of categories = **1,450**
F(**10**, **24459952**) = **831.50**
Prob > F = **0.0000**
R-squared = **0.0020**
Adj R-squared = **0.0019**
Root MSE = **15.4197**

nom_rel	Coefficient	Std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	-.5010773	.0065931	-76.00	0.000	-.5139995	-.4881551
stud	.1708505	.0328163	5.21	0.000	.1065316	.2351694
age_b30	.2123652	.0256016	8.29	0.000	.162187	.2625435
age_30_39	.2703324	.025403	10.64	0.000	.2205435	.3201214
age_40_49	.2710746	.0253399	10.70	0.000	.2214093	.32074
age_50_64	.1050108	.0251315	4.18	0.000	.055754	.1542676
age_ab64	-.0843094	.0261203	-3.23	0.001	-.1355043	-.0331146
woman	-.2038979	.0062646	-32.55	0.000	-.2161762	-.1916196
non_nordic	.02826	.0138768	2.04	0.042	.001062	.055458
non_oecd	.2109982	.0183951	11.47	0.000	.1749445	.2470519
_cons	1.000581	.0248287	40.30	0.000	.9519171	1.049244

F test of absorbed indicators: F(**1449**, **24459952**) = **30.491** Prob > F = **0.000**

```
23 . outreg2 using Tables_W9pop, replace dec(3) excel  ctitle(1 nom_pop)
   Tables_W9pop.xml
   dir : seeout
```

```
24 . areg nom_rel worker_lim std_flex stud age_b30- age_ab64 woman non_nordic non_oecd   , abs(m_y)

Linear regression, absorbing indicators          Number of obs     =  24,461,412
Absorbed variable: m_y                           No. of categories =       1,450
                                                 F(11, 24459951)   =      755.92
                                                 Prob > F          =      0.0000
                                                 R-squared         =      0.0020
                                                 Adj R-squared     =      0.0019
                                                 Root MSE          =     15.4197

------------------------------------------------------------------------------
     nom_rel | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_lim |   -.499508   .0095089   -52.53   0.000    -.5181452   -.4808709
std_flex_mean|  -.0010829   .0047286    -0.23   0.819    -.0103509    .008185
        stud |   .1721247   .0332846     5.17   0.000     .106888    .2373614
      age_b30|   .2124342   .0256034     8.30   0.000     .1622524    .2626159
     age_30_39|  .2703301    .025403    10.64   0.000     .2205412     .320119
     age_40_49|  .2710564   .0253401    10.70   0.000     .2213908     .320722
     age_50_64|   .105009   .0251315     4.18   0.000     .0557522    .1542657
      age_ab64|  -.0842768   .0261207    -3.23   0.001    -.1354724   -.0330812
         woman|  -.2034923   .0065102   -31.26   0.000    -.2162519   -.1907326
    non_nordic|   .0282953   .0138776     2.04   0.041     .0010956    .0554949
      non_oecd|   .2111482   .0184067    11.47   0.000     .1750717    .2472248
         _cons|   .9995692   .0252184    39.64   0.000     .9501419    1.048996
------------------------------------------------------------------------------

F test of absorbed indicators: F(1449, 24459951) = 30.431     Prob > F = 0.000

25 . outreg2 using Tables_W9pop , append dec(3) excel  ctitle(2 nom_pop)
   Tables_W9pop.xml
   dir : seeout

26 .
27 . reghdfe nom_rel worker_isco     , abs(m_y) cluster(p_id)
   (MWFE estimator converged in 1 iterations)

HDFE Linear regression                           Number of obs   =  37,592,124
Absorbing 1 HDFE group                           F(   1,8405628) =   10585.72
Statistics robust to heteroskedasticity          Prob > F        =     0.0000
                                                 R-squared       =     0.0035
                                                 Adj R-squared   =     0.0035
                                                 Within R-sq.    =     0.0003
Number of clusters (p_id)    =  8,405,629        Root MSE        =    15.7213

                          (Std. err. adjusted for 8,405,629 clusters in p_id)
------------------------------------------------------------------------------
             |               Robust
     nom_rel | Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
 worker_isco |  -.6007937   .0058394  -102.89   0.000    -.6122386   -.5893488
       _cons |    1.24376   .0050075   248.38   0.000     1.233945    1.253574
------------------------------------------------------------------------------

Absorbed degrees of freedom:

-----------------------------------------------------------+
 Absorbed FE | Categories  - Redundant  = Num. Coefs       |
-------------+---------------------------------------------|
         m_y |       2022           0        2022         |
-----------------------------------------------------------+

28 . outreg2 using Tables_W13pop, replace dec(3) excel  ctitle(0 `var'_pop)
   Tables_W13pop.xml
   dir : seeout
```

```
29 . reghdfe nom_rel worker_isco stud age_b30- age_ab64 woman non_nordic non_oecd    , abs(m_y) cluster(p_i
(MWFE estimator converged in 1 iterations)

HDFE Linear regression                            Number of obs   = 37,592,124
Absorbing 1 HDFE group                            F(  10,8405628) =    1870.54
Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                  R-squared       =     0.0037
                                                  Adj R-squared   =     0.0036
                                                  Within R-sq.    =     0.0005
Number of clusters (p_id)    =  8,405,629         Root MSE        =    15.7199

                           (Std. err. adjusted for 8,405,629 clusters in p_id)
------------------------------------------------------------------------------
             |               Robust
     nom_rel |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_isco |  -.5890637   .0059827   -98.46   0.000    -.6007896   -.5773378
        stud |   .5910027   .0332328    17.78   0.000     .5258676    .6561378
     age_b30 |   .1585621   .0197018     8.05   0.000     .1199472    .1971769
   age_30_39 |   .3123468   .0198166    15.76   0.000      .273507    .3511865
   age_40_49 |   .3764989   .0198321    18.98   0.000     .3376287     .415369
   age_50_64 |   .1378266   .0194465     7.09   0.000     .0997121    .1759412
    age_ab64 |  -.1709662   .0194616    -8.78   0.000    -.2091103   -.1328221
       woman |  -.1794062   .0050847   -35.28   0.000     -.189372   -.1694404
  non_nordic |  -.0140662   .0103509    -1.36   0.174    -.0343536    .0062212
    non_oecd |   .2145701   .0149227    14.38   0.000     .1853221    .2438181
       _cons |   1.135632   .0194767    58.31   0.000     1.097458    1.173805
------------------------------------------------------------------------------

Absorbed degrees of freedom:

-----------------------------------------------------------------------
  Absorbed FE | Categories  - Redundant  = Num. Coefs | Comment
--------------+--------------------------------------+----------------
          m_y |       2022           0        2022 |
-----------------------------------------------------------------------

30 . outreg2 using Tables_W13pop, append dec(3) excel  ctitle(1 `var'_pop)
Tables_W13pop.xml
dir : seeout

31 . reghdfe nom_rel worker_isco  std_inc_res  stud age_b30- age_ab64 woman non_nordic non_oecd   , abs(m_y
(MWFE estimator converged in 1 iterations)

HDFE Linear regression                            Number of obs   = 37,328,092
Absorbing 1 HDFE group                            F(  11,8233958) =    1711.98
Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                  R-squared       =     0.0037
                                                  Adj R-squared   =     0.0037
                                                  Within R-sq.    =     0.0005
Number of clusters (p_id)    =  8,233,959         Root MSE        =    15.7473

                           (Std. err. adjusted for 8,233,959 clusters in p_id)
------------------------------------------------------------------------------
             |               Robust
     nom_rel |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_isco |  -.6109204   .0061333   -99.61   0.000    -.6229415   -.5988993
  std_inc_res |  -.0754585   .0038014   -19.85   0.000    -.0829092   -.0680078
        stud |   .5729282   .0336465    17.03   0.000     .5069823    .6388742
     age_b30 |   .1620837   .0197568     8.20   0.000      .123361    .2008064
   age_30_39 |   .3133636   .0198663    15.77   0.000     .2744264    .3523008
   age_40_49 |   .3741822   .0198745    18.83   0.000     .3352288    .4131356
   age_50_64 |   .1355188   .0194855     6.95   0.000      .097328    .1737097
    age_ab64 |  -.1665772   .0195021    -8.54   0.000    -.2048006   -.1283537
       woman |  -.1819531   .0051121   -35.59   0.000    -.1919727   -.1719335
  non_nordic |  -.0149519   .0107149    -1.40   0.163    -.0359527    .0060489
    non_oecd |   .2019928   .0154667    13.06   0.000     .1716785    .2323071
       _cons |   1.164929   .0195832    59.49   0.000     1.126546    1.203311
------------------------------------------------------------------------------
```

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

```
32 . outreg2 using Tables_W13pop, append dec(3) excel  ctitle( 3 `var'_pop)
   Tables_W13pop.xml
   dir : seeout

33 . reghdfe nom_rel worker_isco  stud age_b30- age_ab64 woman non_nordic non_oecd   if   betyg_sd!=.  , ab
   > id)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 15,396,301
   Absorbing 1 HDFE group                            F(  10,3688836) =     307.98
   Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                     R-squared       =     0.0030
                                                     Adj R-squared   =     0.0029
                                                     Within R-sq.    =     0.0002
   Number of clusters (p_id)    =  3,688,837         Root MSE        =    15.9885

                               (Std. err. adjusted for 3,688,837 clusters in p_id)
```

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_isco	**-.4065206**	**.0091676**	**-44.34**	**0.000**	**-.4244888**	**-.3885524**
stud	**.4904722**	**.0365742**	**13.41**	**0.000**	**.4187881**	**.5621563**
age_b30	**-.2250777**	**.0945337**	**-2.38**	**0.017**	**-.4103605**	**-.039795**
age_30_39	**-.1025165**	**.0945815**	**-1.08**	**0.278**	**-.2878929**	**.0828599**
age_40_49	**-.1644054**	**.0946116**	**-1.74**	**0.082**	**-.3498409**	**.0210301**
age_50_64	**-.2704727**	**.0946949**	**-2.86**	**0.004**	**-.4560713**	**-.0848741**
age_ab64	**-.1813714**	**.117199**	**-1.55**	**0.122**	**-.4110773**	**.0483345**
woman	**-.1726056**	**.0081079**	**-21.29**	**0.000**	**-.1884967**	**-.1567145**
non_nordic	**.2434901**	**.0323179**	**7.53**	**0.000**	**.1801481**	**.3068321**
non_oecd	**.0846495**	**.0425985**	**1.99**	**0.047**	**.0011579**	**.168141**
_cons	**1.374703**	**.0943745**	**14.57**	**0.000**	**1.189732**	**1.559674**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

```
34 . outreg2 using Tables_W13pop, append dec(3) excel  ctitle(4 `var'_pop)
   Tables_W13pop.xml
   dir : seeout

35 . reghdfe nom_rel worker_isco std_inc_res betyg_sd stud age_b30- age_ab64 woman non_nordic non_oecd   , a
   > p_id)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 15,347,735
   Absorbing 1 HDFE group                            F(  12,3651078) =     322.32
   Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                     R-squared       =     0.0031
                                                     Adj R-squared   =     0.0029
                                                     Within R-sq.    =     0.0003
   Number of clusters (p_id)    =  3,651,079         Root MSE        =    15.9848
```

(Std. err. adjusted for **3,651,079** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_isco	**-.3830602**	**.0096742**	**-39.60**	**0.000**	**-.4020213**	**-.364099**
std_inc_res	**-.1538766**	**.006817**	**-22.57**	**0.000**	**-.1672376**	**-.1405155**
betyg_sd	**.0970716**	**.0046106**	**21.05**	**0.000**	**.088035**	**.1061082**
stud	**.4186146**	**.0369527**	**11.33**	**0.000**	**.3461886**	**.4910406**
age_b30	**-.2313232**	**.0945693**	**-2.45**	**0.014**	**-.4166757**	**-.0459708**
age_30_39	**-.097445**	**.0946243**	**-1.03**	**0.303**	**-.2829052**	**.0880153**
age_40_49	**-.1553495**	**.0946541**	**-1.64**	**0.101**	**-.3408683**	**.0301692**
age_50_64	**-.258906**	**.0947347**	**-2.73**	**0.006**	**-.4445826**	**-.0732294**
age_ab64	**-.238721**	**.1172529**	**-2.04**	**0.042**	**-.4685325**	**-.0089094**
woman	**-.2041846**	**.0082811**	**-24.66**	**0.000**	**-.2204152**	**-.1879541**
non_nordic	**.2549223**	**.0324768**	**7.85**	**0.000**	**.1912689**	**.3185757**
non_oecd	**.0860852**	**.0427929**	**2.01**	**0.044**	**.0022126**	**.1699578**
_cons	**1.407333**	**.0944668**	**14.90**	**0.000**	**1.222181**	**1.592484**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2021	0	**2021**

36 . outreg2 using Tables_W13pop , append dec(3) excel ctitle(5 `var'_pop)
Tables_W13pop.xml
dir : seeout

37 . reghdfe nom_rel worker_isco stud age_b30- age_ab64 woman non_nordic non_oecd if cognitive!=. , a
> _id)
(MWFE estimator converged in 1 iterations)

HDFE Linear regression — Number of obs = **7,841,513**
Absorbing 1 HDFE group — F(**10,1384594**) = **200.56**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0036**
Adj R-squared = **0.0033**
Within R-sq. = **0.0003**
Number of clusters (**p_id**) = **1,384,595** — Root MSE = **17.1086**

(Std. err. adjusted for **1,384,595** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_isco	**-.531008**	**.0137358**	**-38.66**	**0.000**	**-.5579296**	**-.5040863**
stud	**.7533044**	**.1223806**	**6.16**	**0.000**	**.5134426**	**.9931661**
age_b30	**-.1571442**	**.0861438**	**-1.82**	**0.068**	**-.3259831**	**.0116948**
age_30_39	**.2252132**	**.0835148**	**2.70**	**0.007**	**.0615271**	**.3888993**
age_40_49	**.1423155**	**.0824332**	**1.73**	**0.084**	**-.0192508**	**.3038818**
age_50_64	**-.0034243**	**.0820547**	**-0.04**	**0.967**	**-.1642488**	**.1574001**
age_ab64	**.1257646**	**.0954034**	**1.32**	**0.187**	**-.0612228**	**.3127519**
woman	**.5831519**	**.1559863**	**3.74**	**0.000**	**.2774242**	**.8888797**
non_nordic	**.3229483**	**.0687471**	**4.70**	**0.000**	**.1882064**	**.4576902**
non_oecd	**.0772012**	**.0960299**	**0.80**	**0.421**	**-.1110141**	**.2654165**
_cons	**1.243301**	**.0824199**	**15.08**	**0.000**	**1.081761**	**1.404841**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

```
38 . outreg2 using Tables_W13pop, append dec(3) excel  ctitle(6 `var'_pop)
   Tables_W13pop.xml
   dir : seeout

39 . reghdfe nom_rel worker_isco std_inc_res cognitive  stud age_b30- age_ab64 woman non_nordic non_oecd
   > r(p_id)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   =  7,831,028
   Absorbing 1 HDFE group                            F(  12,1379291) =    336.14
   Statistics robust to heteroskedasticity           Prob > F        =    0.0000
                                                     R-squared       =    0.0039
                                                     Adj R-squared   =    0.0037
                                                     Within R-sq.    =    0.0006
   Number of clusters (p_id)    =  1,379,292         Root MSE        =   17.1083

                              (Std. err. adjusted for 1,379,292 clusters in p_id)
```

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_isco	-.396089	.0154405	-25.65	0.000	-.4263518	-.3658262
std_inc_res	-.2992323	.0110342	-27.12	0.000	-.320859	-.2776057
cognitive	.1435694	.0036849	38.96	0.000	.1363472	.1507916
stud	.5336819	.1225906	4.35	0.000	.2934086	.7739553
age_b30	-.1000035	.0861846	-1.16	0.246	-.2689224	.0689154
age_30_39	.2712928	.0835522	3.25	0.001	.1075333	.4350523
age_40_49	.1776621	.0824643	2.15	0.031	.0160349	.3392894
age_50_64	.0164293	.0820817	0.20	0.841	-.1444479	.1773066
age_ab64	.1177383	.0954474	1.23	0.217	-.0693354	.3048119
woman	.5511778	.1559456	3.53	0.000	.2455298	.8568259
non_nordic	.3962219	.069105	5.73	0.000	.2607784	.5316653
non_oecd	.1351075	.096266	1.40	0.160	-.0535705	.3237855
_cons	.4543159	.0853434	5.32	0.000	.2870458	.621586

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

```
40 . outreg2 using Tables_W13pop , append dec(3) excel   ctitle(7 `var'_pop)
   Tables_W13pop.xml
   dir : seeout

41 .
42 . preserve

43 . keep if valar>1980 & worker_lim!=.  & ed_level!=.
   (1,105,772 observations deleted)

44 . reghdfe nom_rel worker_lim stud age_b30- age_ab64 woman non_nordic non_oecd    , abs(m_y) cluster(p_id
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 42,639,119
   Absorbing 1 HDFE group                            F(  10,9772162) =    2838.05
   Statistics robust to heteroskedasticity           Prob > F        =    0.0000
                                                     R-squared       =    0.0035
                                                     Adj R-squared   =    0.0035
                                                     Within R-sq.    =    0.0006
   Number of clusters (p_id)    =  9,772,163         Root MSE        =   15.3873
```

(Std. err. adjusted for **9,772,163** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.5555907**	**.0051713**	**-107.44**	**0.000**	**-.5657263**	**-.5454551**
stud	**-.1177932**	**.0130455**	**-9.03**	**0.000**	**-.1433619**	**-.0922244**
age_b30	**.2543823**	**.0180764**	**14.07**	**0.000**	**.2189533**	**.2898114**
age_30_39	**.4158908**	**.0181837**	**22.87**	**0.000**	**.3802514**	**.4515301**
age_40_49	**.4705068**	**.0182159**	**25.83**	**0.000**	**.4348044**	**.5062093**
age_50_64	**.1930142**	**.0177699**	**10.86**	**0.000**	**.1581858**	**.2278426**
age_ab64	**-.2524471**	**.0175058**	**-14.42**	**0.000**	**-.286758**	**-.2181363**
woman	**-.2120783**	**.004684**	**-45.28**	**0.000**	**-.2212588**	**-.2028977**
non_nordic	**-.007251**	**.0099082**	**-0.73**	**0.464**	**-.0266708**	**.0121688**
non_oecd	**.1429281**	**.0142159**	**10.05**	**0.000**	**.1150655**	**.1707906**
_cons	**.9971634**	**.0175872**	**56.70**	**0.000**	**.9626932**	**1.031634**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**

45 . outreg2 using Tables_W14pop, replace dec(3) excel ctitle(1 nom_pop)
Tables_W14pop.xml
dir : seeout

46 . reghdfe nom_rel worker_lim stud age_b30- age_ab64 woman non_nordic non_oecd   , abs(m_y ed_level) clu
(MWFE estimator converged in 5 iterations)

HDFE Linear regression — Number of obs = **42,639,119**
Absorbing 2 HDFE groups — F(**10,9772162**) = **976.14**
Statistics robust to heteroskedasticity — Prob > F = **0.0000**
R-squared = **0.0038**
Adj R-squared = **0.0038**
Within R-sq. = **0.0002**
Number of clusters (**p_id**) = **9,772,163** — Root MSE = **15.3849**

(Std. err. adjusted for **9,772,163** clusters in **p_id**)

nom_rel	Coefficient	Robust std. err.	t	P>|t|	[95% conf.	interval]
worker_lim	**-.25918**	**.0057603**	**-44.99**	**0.000**	**-.27047**	**-.24789**
stud	**.1518142**	**.0134265**	**11.31**	**0.000**	**.1254988**	**.1781297**
age_b30	**.001336**	**.0184222**	**0.07**	**0.942**	**-.034771**	**.0374429**
age_30_39	**.1771887**	**.0183725**	**9.64**	**0.000**	**.1411793**	**.2131982**
age_40_49	**.3137997**	**.018291**	**17.16**	**0.000**	**.27795**	**.3496494**
age_50_64	**.1263693**	**.0177843**	**7.11**	**0.000**	**.0915128**	**.1612258**
age_ab64	**-.1640757**	**.01753**	**-9.36**	**0.000**	**-.1984339**	**-.1297175**
woman	**-.2359995**	**.0047013**	**-50.20**	**0.000**	**-.2452138**	**-.2267852**
non_nordic	**-.0415002**	**.0099221**	**-4.18**	**0.000**	**-.0609472**	**-.0220532**
non_oecd	**.1948554**	**.014236**	**13.69**	**0.000**	**.1669533**	**.2227574**
_cons	**.9735574**	**.0175965**	**55.33**	**0.000**	**.9390688**	**1.008046**

Absorbed degrees of freedom:

Absorbed FE	Categories	- Redundant	= Num. Coefs
m_y	2022	0	**2022**
ed_level	7	1	**6**

```
47 . outreg2 using Tables_W14pop,append dec(3) excel  ctitle(2 nom_pop)
   Tables_W14pop.xml
   dir : seeout

48 . reghdfe nom_rel worker_lim stud age_b30- age_ab64 woman non_nordic non_oecd if  ed_level<5  , abs(m_y)
   (MWFE estimator converged in 1 iterations)

   HDFE Linear regression                            Number of obs   = 29,879,916
   Absorbing 1 HDFE group                            F(  10,7756323) =    1800.79
   Statistics robust to heteroskedasticity           Prob > F        =     0.0000
                                                     R-squared       =     0.0034
                                                     Adj R-squared   =     0.0034
                                                     Within R-sq.    =     0.0005
   Number of clusters (p_id)    =  7,756,324         Root MSE        =    13.9860

                              (Std. err. adjusted for 7,756,324 clusters in p_id)
------------------------------------------------------------------------------
             |               Robust
     nom_rel |  Coefficient  std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_lim |  -.3803255   .0060359   -63.01   0.000    -.3921556   -.3684953
        stud |  -.0135767   .0153825    -0.88   0.377    -.0437258    .0165724
     age_b30 |   .2892997    .018195    15.90   0.000     .2536382    .3249612
   age_30_39 |    .428683   .0185099    23.16   0.000     .3924043    .4649618
   age_40_49 |   .5001741   .0184405    27.12   0.000     .4640314    .5363168
   age_50_64 |     .22129   .0177228    12.49   0.000      .186554     .256026
    age_ab64 |  -.2039429   .0172854   -11.80   0.000    -.2378218   -.1700641
       woman |  -.1939886   .0050562   -38.37   0.000    -.2038985   -.1840787
  non_nordic |  -.0690992   .0105238    -6.57   0.000    -.0897256   -.0484729
    non_oecd |   .0645051   .0151446     4.26   0.000     .0348223     .094188
       _cons |    .803407   .0176563    45.50   0.000     .7688013    .8380127
------------------------------------------------------------------------------

   Absorbed degrees of freedom:

 Absorbed FE | Categories  - Redundant  = Num. Coefs
-------------+---------------------------------------
         m_y |       2022           0        2022
-------------+---------------------------------------

49 . outreg2 using Tables_W14pop,append dec(3) excel  ctitle(3 nom_pop)
   Tables_W14pop.xml
   dir : seeout

50 . restore

51 .
52 .
53 .
54 . areg nom_rel worker_lim  stud age_b30- age_ab64 woman non_nordic non_oecd   if   allrelatedtasks!=.  ,

   Linear regression, absorbing indicators           Number of obs     = 43,720,989
   Absorbed variable: m_y                            No. of categories =      2,022
                                                     F(10, 43718957)   =    2815.24
                                                     Prob > F          =     0.0000
                                                     R-squared         =     0.0035
                                                     Adj R-squared     =     0.0034
                                                     Root MSE          =    15.2488

------------------------------------------------------------------------------
     nom_rel |  Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
-------------+----------------------------------------------------------------
  worker_lim |  -.5448247   .0049159  -110.83   0.000    -.5544598   -.5351897
        stud |  -.1287716   .0119784   -10.75   0.000    -.1522489   -.1052942
     age_b30 |   .2492805   .0196168    12.71   0.000     .2108322    .2877288
   age_30_39 |   .4127332   .0194473    21.22   0.000     .3746173    .4508491
   age_40_49 |   .4694964    .019403    24.20   0.000     .4314672    .5075255
   age_50_64 |   .1918077   .0192451     9.97   0.000      .154088    .2295274
    age_ab64 |  -.2898737   .0193379   -14.99   0.000    -.3277753    -.251972
       woman |  -.2010631    .004618   -43.54   0.000    -.2101141   -.1920121
  non_nordic |  -.0326836   .0110175    -2.97   0.003    -.0542776   -.0110897
    non_oecd |   .1300065   .0153848     8.45   0.000     .0998529    .1601602
       _cons |   .9916607   .0189319    52.38   0.000     .9545549    1.028767
------------------------------------------------------------------------------

   F test of absorbed indicators: F(2021, 43718957) = 65.247     Prob > F = 0.000
```

```
55 . outreg2 using Tables_W15pop, replace dec(3) excel  ctitle(1 nom_pop)
   Tables_W15pop.xml
   dir : seeout

56 . areg nom_rel worker_lim allrelatedtasks stud age_b30- age_ab64 woman non_nordic non_oecd   , abs(m_y)

   Linear regression, absorbing indicators         Number of obs     = 43,720,989
   Absorbed variable: m_y                          No. of categories =      2,022
                                                   F(11, 43718956)   =    2580.48
                                                   Prob > F          =     0.0000
                                                   R-squared         =     0.0035
                                                   Adj R-squared     =     0.0035
                                                   Root MSE          =    15.2488

------------------------------------------------------------------------------
      nom_rel | Coefficient  Std. err.      t    P>|t|     [95% conf. interval]
--------------+---------------------------------------------------------------
   worker_lim |   -.514903   .0052927   -97.29   0.000    -.5252765   -.5045295
allrelatedtas~s|   .0248647   .0016298    15.26   0.000     .0216704    .0280589
         stud |  -.1030868   .0120961    -8.52   0.000    -.1267948   -.0793788
       age_b30|   .2489957   .0196168    12.69   0.000     .2105475    .2874439
      age_30_39|   .4134646   .0194473    21.26   0.000     .3753487    .4515806
      age_40_49|   .4699946    .019403    24.22   0.000     .4319655    .5080237
      age_50_64|   .1916695    .019245     9.96   0.000     .1539499     .229389
       age_ab64|  -.2859557   .0193396   -14.79   0.000    -.3238606   -.2480508
          woman|  -.2072977    .004636   -44.71   0.000    -.2163841   -.1982113
     non_nordic|  -.0293025   .0110197    -2.66   0.008    -.0509008   -.0077043
       non_oecd|   .1327985   .0153858     8.63   0.000     .1026429    .1629542
          _cons|   .9420881   .0192086    49.05   0.000     .9044399    .9797364
------------------------------------------------------------------------------
   F test of absorbed indicators: F(2021, 43718956) = 65.349     Prob > F = 0.000

57 . outreg2 using Tables_W15pop, append dec(3) excel  ctitle(2 nom_pop)
   Tables_W15pop.xml
   dir : seeout

58 .
59 .
60 . preserve

61 . keep if valar>2000
   (11,752,370 observations deleted)

62 . gen desc_union="pop"

63 . replace desc_union="rep" if union_worker_prev==1
   (1,887,208 real changes made)

64 . replace desc_union="emp" if union_worker_mainjob_prev==1
   (54,087 real changes made)

65 . gen non_uni=ed_level<5 & ed_level!=.

66 . collapse (mean) worker_lim non_uni stud age_b30- age_ab64 woman non_nordic non_oecd , by(desc_union)

67 . save Table_W16, replace
   (file Table_W16.dta not found)
   file Table_W16.dta saved

68 . restore

69 . preserve
```

```
70 . keep if valar>2000
   (11,752,370 observations deleted)

71 . gen desc_union="memb" if worker_union_latest ==1
   (31,326,901 missing values generated)

72 . replace desc_union="nonmemb" if worker_union_latest ==0
   variable desc_union was str4 now str7
   (1,698,734 real changes made)

73 . gen non_uni=ed_level<5 & ed_level!=.

74 . collapse (mean) worker_lim non_uni stud age_b30- age_ab64 woman non_nordic non_oecd , by(desc_union)

75 . append using Table_W16

76 . save Table_W16, replace
   file Table_W16.dta saved

77 . restore

78 . log close
       name:  <unnamed>
        log:  \\micro.intra\Projekt\P1129$\P1129_Gem\Olle\Worker rep\reg_pop.smcl
   log type:  smcl
  closed on:  24 May 2024, 18:22:13
```