Different models

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1/3/2020

```
ess_2002 = haven::read_stata("ESS1e06_6.dta")
ess_2004 = haven::read_stata("ESS2e03_6.dta")
ess_2006 = haven::read_stata("ESS3e03_7.dta")
ess_2008 = haven::read_stata("ESS4e04_5.dta")
ess_2010 = haven::read_stata("ESS5e03_4.dta")
```

```
ess_2002 = ess_2002 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcntr, livecntr, cntbrth, gndr, edulvla, facntr, mo
  plyr::rename(c("cntbrth"="birthplace","blgetmg"="ethnic", "edulvla"="edu","brncntr"="fborn", "wrkctr"=
  ess_2002 = ess_2002 %>% mutate(hinctnt = hinctnt/12*10) # rescale to fit data from 2008 and 2010
ess_2004 = ess_2004 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcntr, livecntr, cntbrtha, gndr, edulvla, facntr, m
  plyr::rename(c("cntbrtha"="birthplace","blgetmg"="ethnic", "edulvla"="edu","brncntr"="fborn"))
  ess_2004 = ess_2004 %>% mutate(hinctnt = hinctnt/12*10)
ess_2006 = ess_2006 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcntr, livecntr, cntbrtha, gndr, edulvla, facntr, m
  plyr::rename(c("cntbrtha"="birthplace","blgetmg"="ethnic", "edulvla"="edu","brncntr"="fborn"))
  ess_2006 = ess_2006 %>% mutate(hinctnt = hinctnt/12*10)
ess_2008 = ess_2008 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcntr, livecntr, cntbrthb, gndr, edulvla, facntr, m
  plyr::rename(c("cntbrthb"="birthplace","blgetmg"="ethnic", "edulvla"="edu","brncntr"="fborn", "hinctn
ess_2010 = ess_2010 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcntr, livecnta, cntbrthb, gndr, edulvlb, facntr, m
  plyr::rename(c("cntbrthb"="birthplace","blgetmg"="ethnic", "edulvlb"="edu","livecnta" = "livecntr","b
ess_2010$livecntr = ess_2010$livecntr - 2010
ess_2010$livecntr = ifelse(ess_2010$livecntr >= 1, 1,
                           ifelse(ess_2010$livecntr %in% c(-1:-5), 2,
                                  ifelse(ess_2010$livecntr %in% c(-6:-10), 3,
                                         ifelse(ess_2010$livecntr %in% c(-11:-20), 4,
                                                ifelse(ess_2010$livecntr < -20, 5, NA)))))
ess_2010$polcmpl = NA
ess_2010$poldcs = NA
```

```
ess_raw = rbind(ess_2002, ess_2004, ess_2006, ess_2008, ess_2010)
ess_raw$sec.immi = ifelse(ess_raw$facntr == 2 | ess_raw$mocntr == 2, 1, 0)
ess_raw$ethnic = ifelse(ess_raw$ethnic == 1, 1,
                        ifelse(ess_raw$ethnic == 2, 0, NA))
ess_raw$citizen = ifelse(ess_raw$ctzcntr == 1, 1,
                         ifelse(ess_raw$ctzcntr == 2, 0, NA))
ess_raw$residence = ifelse(ess_raw$livecntr <= 3, 1, 0) # 1 = lived less than 10 yrs, 0 = lived more th
ess_raw$birthplace = ifelse(ess_raw$birthplace %in% c(66,77,88,99,"02","03","04","06"), NA, ess_raw$bir
  # ess_raw = ess_raw[complete.cases(ess_raw$birthplace),]
  eu_member = c("BE", "FR", "DE", "IT", "LU", "NL", "DK", "IE", "GB", "GR", "PT", "ES","AT","SE")
  ess_raw$eubirth = ifelse(ess_raw$birthplace %in% eu_member, 1, 0)
ess_raw$female = ifelse(ess_raw$gndr == 2, 1,
                        ifelse(ess_raw$gndr == 1, 0, NA))
ess_raw$edu = ifelse(ess_raw$edu > 5, NA, ess_raw$edu)
```

```
ess_raw$fborn = ifelse(ess_raw$fborn == 1, 0, 1) # now 1 as foreign born, 0 as native born

civix.cntry = c("AT", "BE", "DK", "FI", "FR", "DE", "GR", "IE", "NL", "PT", "ES", "SE", "GB")
  civix.sc =   as.numeric( c(5.5, 1.25, 8.25,  2.5,    5,     7, 5.25,    1, 6.25, 1.25, 2.5, 0, 5.5))
  civix.1 = as.data.frame(t(rbind(civix.cntry, civix.sc)))
  colnames(civix.1) = c("cntry", "civix")
  civix.1$civix = as.numeric(civix.1$civix)

ess_raw = ess_raw %>% left_join(civix.1, by = 'cntry')
ess_raw = ess_raw %>% mutate(civix.d = ifelse(civix > 2.5, 1, 0))
```

Playing with the models

Political Incorporation

```
ess_raw$tvpol = ifelse(ess_raw$tvpol > 8, NA, ess_raw$tvpol)
ess_raw$rdpol = ifelse(ess_raw$rdpol > 8, NA, ess_raw$rdpol)
ess_raw$nwsppol = ifelse(ess_raw$nwsppol > 8, NA, ess_raw$nwsppol)

ess_raw$contplt = ifelse(ess_raw$contplt == 2, 0, ess_raw$contplt)
ess_raw$wrkprty = ifelse(ess_raw$wrkprty == 2, 0, ess_raw$wrkprty)
ess_raw$wrkorg = ifelse(ess_raw$wrkorg == 2, 0, ess_raw$wrkorg)
ess_raw$badge = ifelse(ess_raw$badge == 2, 0, ess_raw$badge)
ess_raw$sgnptit = ifelse(ess_raw$sgnptit == 2, 0, ess_raw$sgnptit)
ess_raw$pbldmn = ifelse(ess_raw$pbldmn == 2, 0, ess_raw$pbldmn)
ess_raw$bctprd = ifelse(ess_raw$bctprd == 2, 0, ess_raw$bctprd)

pol_mean = ess_raw %>% filter(citizen == 1, fborn == 0) %>% group_by(cntry) %>%
  select(cntry, contplt, wrkprty, wrkorg, badge, sgnptit, pbldmn, bctprd, stfgov, tvpol, rdpol, nwsppol
  summarise(mean.contplt = mean(contplt, na.rm = TRUE),
            mean.wrkprty = mean(wrkprty, na.rm = TRUE),
            mean.wrkorg = mean(wrkorg, na.rm = TRUE),
            mean.badge = mean(badge, na.rm = TRUE),
            mean.sgnptit = mean(sgnptit, na.rm = TRUE),
            mean.pbldmn = mean(pbldmn, na.rm = TRUE),
            mean.bctprd = mean(bctprd, na.rm = TRUE),
            # mean.dntmny = mean(dntmny, na.rm = TRUE),
            # mean.ilglpst = mean(ilglpst, na.rm = TRUE),
            mean.stfgov = mean(stfgov, na.rm = TRUE),
            mean.tvpol = mean(tvpol, na.rm = TRUE),
            mean.rdpol = mean(rdpol, na.rm = TRUE),
            mean.nwsppol = mean(nwsppol, na.rm = TRUE))

ess_pol = ess_raw %>% filter(residence == 1)
ess_pol = ess_pol %>% left_join(pol_mean, by='cntry')
```

```
ess_pol = ess_pol %>% mutate(
  contplt.gap = contplt - mean.contplt,
  wrkprty.gap = wrkprty - mean.wrkprty,
  wrkorg.gap = wrkorg - mean.wrkorg,
  badge.gap = badge - mean.badge,
```

```
  sgnptit.gap = sgnptit - mean.sgnptit,
  pbldmn.gap = pbldmn - mean.pbldmn,
  bctprd.gap = bctprd - mean.bctprd,
  stfgov.gap = stfgov - mean.stfgov,
  tvpol.gap = tvpol - mean.tvpol,
  rdpol.gap = rdpol - mean.rdpol,
  nwsppol.gap = nwsppol - mean.nwsppol
)
```

```
pol.1 = glm(contplt ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "binomial
pol.2 = lm(contplt.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
pol.3 = glm(contplt ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "binom
pol.4 = lm(contplt.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(pol.1, pol.2, pol.3, pol.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "worked in political party or group",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
pred.pol.dat = with(ess_pol, data.frame(agea = mean(agea, na.rm = T),
                                        ethnic = mean(ethnic, na.rm = T),
                                        female = mean(female, na.rm = T),
                                        eubirth = mean(eubirth, na.rm = T),
                                        edu = mean(edu, na.rm = T),
                                        civix = 0:9))

pred.pol = pol.1 %>%
  broom::augment(newdata = pred.pol.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.pol$.fitted, type = "l",
     ylab = "Predicted Probability to have worked in political party",
     xlab = "CIVIX",
     ylim = c(-3,1)
     )
  lines(0:9, pred.pol$lower, lty = 2)
  lines(0:9, pred.pol$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```

```
wrkprty.1 = glm(wrkprty ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "bin
wrkprty.2 = lm(wrkprty.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
wrkprty.3 = glm(wrkprty ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "bi
wrkprty.4 = lm(wrkprty.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(wrkprty.3, wrkprty.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX.d"),
          dep.var.caption  = "worked in political party",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
# pred.pol = wrkprty.1 %>%
#   broom::augment(newdata = pred.pol.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
```

Table 1:

	worked in political party or group			
	contplt	contplt.gap	contplt	contplt.gap
	logistic Abs. Level	*OLS* Gap w/ Natives	*logistic*	*OLS*
	(1)	(2)	(3)	(4)
Age	0.022***	0.002***	0.022***	0.002***
	(0.006)	(0.0005)	(0.006)	(0.0005)
Ethnicity	0.297*	0.016	0.253	0.010
	(0.158)	(0.013)	(0.157)	(0.012)
Female	−0.225	−0.019*	−0.229*	−0.020*
	(0.139)	(0.011)	(0.139)	(0.011)
Education	0.302***	0.017***	0.296***	0.019***
	(0.051)	(0.004)	(0.052)	(0.004)
Born in Europe	0.603***	0.043***	0.605***	0.049***
	(0.161)	(0.015)	(0.162)	(0.015)
CIVIX	−0.063**	−0.005**		
	(0.028)	(0.002)		
civix.d			−0.246	0.023
			(0.159)	(0.014)
Constant	−3.974***	−0.154***	−4.036***	−0.200***
	(0.333)	(0.025)	(0.342)	(0.026)
Observations	2,579	2,579	2,579	2,579
R^2		0.023		0.022
Adjusted R^2		0.021		0.020
Log Likelihood	−749.184		−750.532	
Akaike Inf. Crit.	1,512.367		1,515.064	
Residual Std. Error (df = 2572)		0.286		0.286
F Statistic (df = 6; 2572)		10.138***		9.754***
Note:				*p<0.1; **p<0.05; ***p<0.01

Table 2:

	worked in political party	
	wrkprty	wrkprty.gap
	logistic	*OLS*
	Abs. Level	Gap w/ Natives
	(1)	(2)
Age	0.010	0.0001
	(0.012)	(0.0002)
Ethnicity	0.163	0.004
	(0.313)	(0.006)
Female	−0.140	−0.002
	(0.282)	(0.006)
Education	0.101	0.003
	(0.100)	(0.002)
Born in Europe	0.518	0.008
	(0.337)	(0.007)
CIVIX.d	0.380	0.006
	(0.382)	(0.007)
Constant	−4.977***	−0.043***
	(0.686)	(0.013)
Observations	2,582	2,582
R^2		0.002
Adjusted R^2		−0.0004
Log Likelihood	−251.758	
Akaike Inf. Crit.	517.516	
Residual Std. Error		0.141 (df = 2575)
F Statistic		0.845 (df = 6; 2575)
Note:		*p<0.1; **p<0.05; ***p<0.01

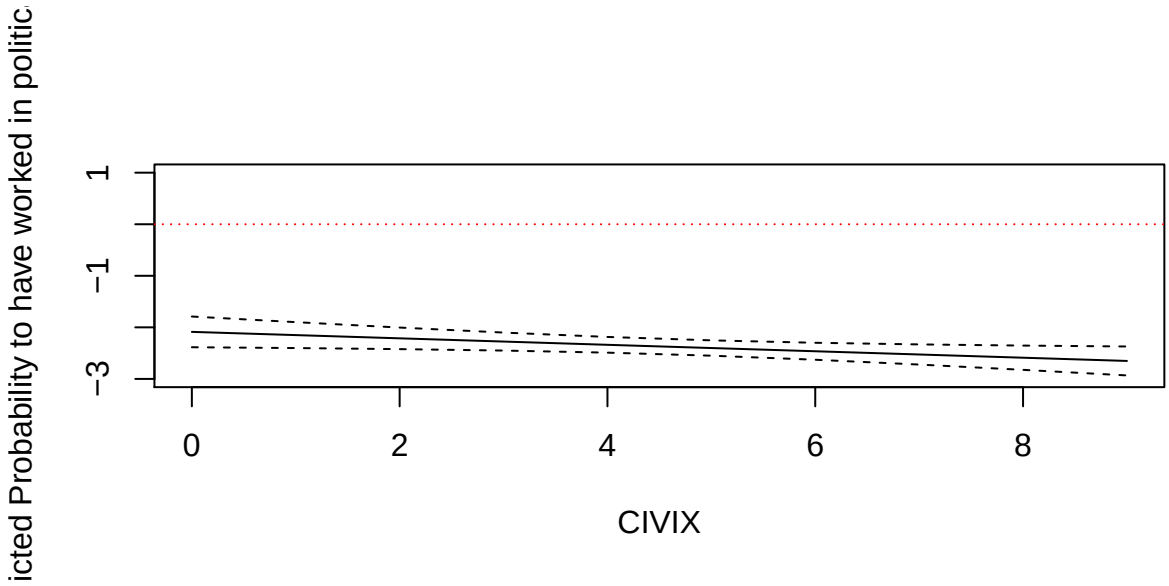


Figure 1: Predicted Probability to have contacted politician

```
#
# plot(0:9, pred.pol$.fitted, type = "l",
#      ylab = "Predicted Probability to have worked in political party",
#      xlab = "CIVIX",
#      ylim = c(-5,-1)
#      )
#   lines(0:9, pred.pol$lower, lty = 2)
#   lines(0:9, pred.pol$upper, lty = 2)
```

```
wrkorg.1 = glm(wrkorg ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "binom
wrkorg.2 = lm(wrkorg.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
wrkorg.3 = glm(wrkorg ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "bin
wrkorg.4 = lm(wrkorg.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(wrkorg.1, wrkorg.2, wrkorg.3, wrkorg.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "have worked in another organisation",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
# pred.pol = wrkorg.1 %>%
#   broom::augment(newdata = pred.pol.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.pol$.fitted, type = "l",
#      ylab = "Predicted Probability to have worked in another organisation",
#      xlab = "CIVIX",
#      ylim = c(-5,-1)
#      )
#   lines(0:9, pred.pol$lower, lty = 2)
#   lines(0:9, pred.pol$upper, lty = 2)
wrkorg.2.plot = wrkorg.2 %>% broom::augment(.) %>%
```

Table 3:

	have worked in another organisation			
	wrkorg	wrkorg.gap	wrkorg	wrkorg.gap
	logistic Abs. Level	*OLS* Gap w/ Natives	*logistic*	*OLS*
	(1)	(2)	(3)	(4)
Age	0.011*	0.0004	0.011*	0.0004
	(0.006)	(0.0005)	(0.006)	(0.0005)
Ethnicity	0.326*	0.023*	0.317*	0.017
	(0.168)	(0.012)	(0.166)	(0.012)
Female	−0.149	−0.017	−0.149	−0.018*
	(0.149)	(0.011)	(0.149)	(0.011)
Education	0.305***	0.020***	0.301***	0.020***
	(0.055)	(0.004)	(0.056)	(0.004)
Born in Europe	0.589***	0.039***	0.582***	0.041***
	(0.174)	(0.014)	(0.175)	(0.014)
CIVIX	−0.016	−0.006***		
	(0.030)	(0.002)		
civix.d			−0.120	−0.006
			(0.174)	(0.014)
Constant	−4.034***	−0.130***	−3.996***	−0.152***
	(0.357)	(0.023)	(0.368)	(0.025)
Observations	2,583	2,583	2,583	2,583
R^2		0.022		0.019
Adjusted R^2		0.020		0.017
Log Likelihood	−678.268		−678.181	
Akaike Inf. Crit.	1,370.537		1,370.363	
Residual Std. Error (df = 2576)		0.269		0.270
F Statistic (df = 6; 2576)		9.785***		8.462***

Note: *p<0.1; **p<0.05; ***p<0.01

```
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

# plot(ess_pol$civix, ess_pol$wrkorg.gap)
#   abline(wrkorg.2)

# plot(wrkorg.2)

# ggplot(wrkorg.2.plot, aes(civix, wrkorg.gap)) +
#   geom_point() +
#   geom_smooth(data = wrkorg.2.plot, aes(civix, .fitted), method = "lm") +
#   xlab("worked in another organisation") +
#   theme_bw()
```

```
badge.1 = glm(badge ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "binomial
badge.2 = lm(badge.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap

# stargazer(badge.1, badge.2, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "Worn or displayed campaign badge/sticker",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))

# pred.pol = badge.1 %>%
#   broom::augment(newdata = pred.pol.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.pol$.fitted, type = "l",
#      ylab = "Predicted Probability to have worn or displayed campaign badge/sticker",
#      xlab = "CIVIX",
#      ylim = c(-5,-1)
#      )
#   lines(0:9, pred.pol$lower, lty = 2)
#   lines(0:9, pred.pol$upper, lty = 2)
```

```
sgnptit.1 = glm(sgnptit ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "bino
sgnptit.2 = lm(sgnptit.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
sgnptit.3 = glm(sgnptit ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "bi
sgnptit.4 = lm(sgnptit.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(sgnptit.1, sgnptit.2, sgnptit.3, sgnptit.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Signed petition",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
pred.pol = badge.1 %>%
  broom::augment(newdata = pred.pol.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.pol$.fitted, type = "l",
     ylab = "Predicted Probability to have signed petition",
     xlab = "CIVIX",
     ylim = c(-5,0)
```

Table 4:

	Signed petition			
	sgnptit	sgnptit.gap	sgnptit	sgnptit.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.006	−0.001	−0.006	−0.001
	(0.005)	(0.001)	(0.005)	(0.001)
Ethnicity	0.065	0.004	0.105	0.001
	(0.136)	(0.015)	(0.134)	(0.015)
Female	0.015	0.005	0.025	0.003
	(0.117)	(0.014)	(0.117)	(0.014)
Education	0.319***	0.023***	0.314***	0.025***
	(0.043)	(0.005)	(0.044)	(0.005)
Born in Europe	1.009***	0.143***	0.984***	0.148***
	(0.133)	(0.018)	(0.133)	(0.018)
CIVIX	0.044*	−0.002		
	(0.023)	(0.003)		
civix.d			−0.016	0.031*
			(0.138)	(0.017)
Constant	−3.227***	−0.181***	−2.988***	−0.218***
	(0.277)	(0.029)	(0.284)	(0.031)
Observations	2,575	2,575	2,575	2,575
R^2		0.042		0.043
Adjusted R^2		0.039		0.041
Log Likelihood	−983.724		−985.562	
Akaike Inf. Crit.	1,981.447		1,985.124	
Residual Std. Error (df = 2568)		0.341		0.341
F Statistic (df = 6; 2568)		18.637***		19.135***

Note: *p<0.1; **p<0.05; ***p<0.01

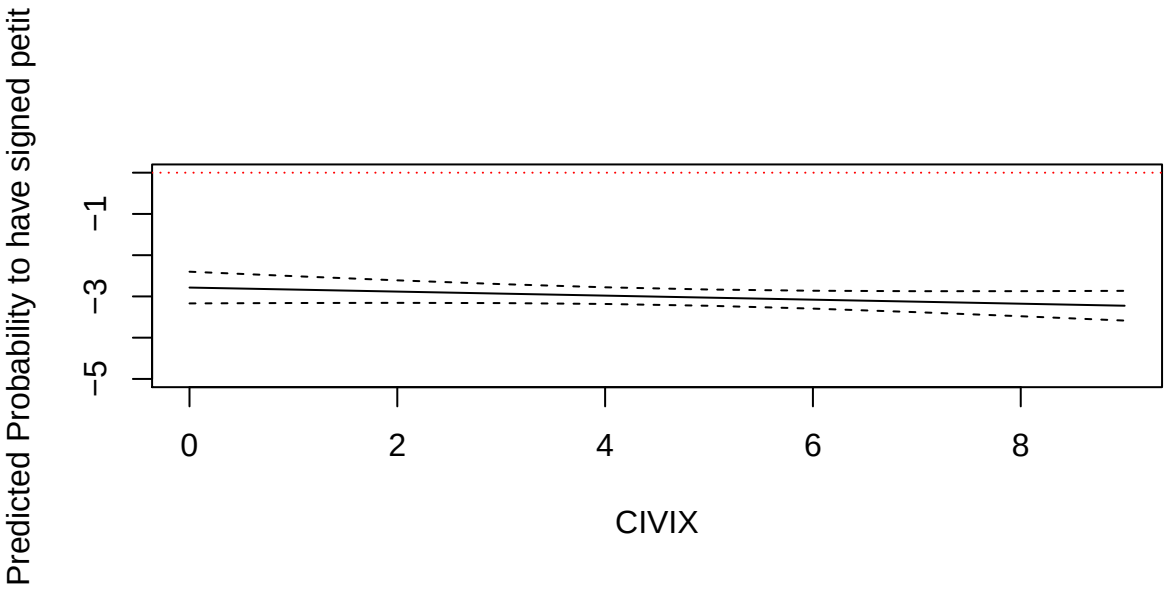


Figure 2: Signed petition

```
    )
  lines(0:9, pred.pol$lower, lty = 2)
  lines(0:9, pred.pol$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```

```
pbldmn.1 = glm(pbldmn ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "binom
pbldmn.2 = lm(pbldmn.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
pbldmn.3 = glm(pbldmn ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "bin
pbldmn.4 = lm(pbldmn.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(pbldmn.1, pbldmn.2, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Taken part in lawful public demonstration",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
# pred.pol = badge.1 %>%
#   broom::augment(newdata = pred.pol.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.pol$.fitted, type = "l",
#      ylab = "Predicted Probability to have taken part in lawful public demonstration",
#      xlab = "CIVIX",
#      ylim = c(-5,-1)
#      )
#   lines(0:9, pred.pol$lower, lty = 2)
#   lines(0:9, pred.pol$upper, lty = 2)
```

```
bctprd.1 = glm(bctprd ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol, family = "binom
bctprd.2 = lm(bctprd.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
bctprd.3 = glm(bctprd ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol, family = "bin
bctprd.4 = lm(bctprd.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap
```

Table 5:

	Taken part in lawful public demonstration	
	pbldmn	pbldmn.gap
	logistic	*OLS*
	Abs. Level	Gap w/ Natives
	(1)	(2)
Age	-0.020^{**}	-0.001^{***}
	(0.008)	(0.0004)
Ethnicity	0.158	0.022^{**}
	(0.179)	(0.011)
Female	-0.262^{*}	-0.014
	(0.157)	(0.010)
Education	0.168^{***}	0.014^{***}
	(0.057)	(0.003)
Born in Europe	0.559^{***}	0.058^{***}
	(0.185)	(0.013)
CIVIX	-0.046	-0.001
	(0.032)	(0.002)
Constant	-2.359^{***}	-0.029
	(0.355)	(0.022)
Observations	2,581	2,581
R^2		0.019
Adjusted R^2		0.017
Log Likelihood	-629.579	
Akaike Inf. Crit.	1,273.158	
Residual Std. Error		0.253 (df = 2574)
F Statistic		8.425^{***} (df = 6; 2574)
Note:		*p<0.1; **p<0.05; ***p<0.01

```
stargazer(bctprd.1, bctprd.2, bctprd.3, bctprd.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "boycotted certain products",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 6:

	boycotted certain products			
	bctprd	bctprd.gap	bctprd	bctprd.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.002	0.0001	0.002	0.00002
	(0.006)	(0.001)	(0.006)	(0.001)
Ethnicity	0.116	0.012	0.147	0.005
	(0.155)	(0.013)	(0.153)	(0.013)
Female	−0.059	−0.009	−0.053	−0.011
	(0.132)	(0.012)	(0.132)	(0.012)
Education	0.384***	0.025***	0.387***	0.026***
	(0.050)	(0.004)	(0.051)	(0.004)
Born in Europe	1.144***	0.147***	1.141***	0.154***
	(0.146)	(0.016)	(0.147)	(0.016)
CIVIX	0.043*	−0.007***		
	(0.026)	(0.002)		
civix.d			0.154	0.025*
			(0.157)	(0.015)
Constant	−4.100***	−0.130***	−4.033***	−0.187***
	(0.325)	(0.026)	(0.334)	(0.028)
Observations	2,578	2,578	2,578	2,578
R^2		0.062		0.060
Adjusted R^2		0.060		0.058
Log Likelihood	−807.523		−808.386	
Akaike Inf. Crit.	1,629.047		1,630.771	
Residual Std. Error (df = 2571)		0.302		0.302
F Statistic (df = 6; 2571)		28.468***		27.457***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
pred.pol = bctprd.1 %>%
  broom::augment(newdata = pred.pol.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)
```

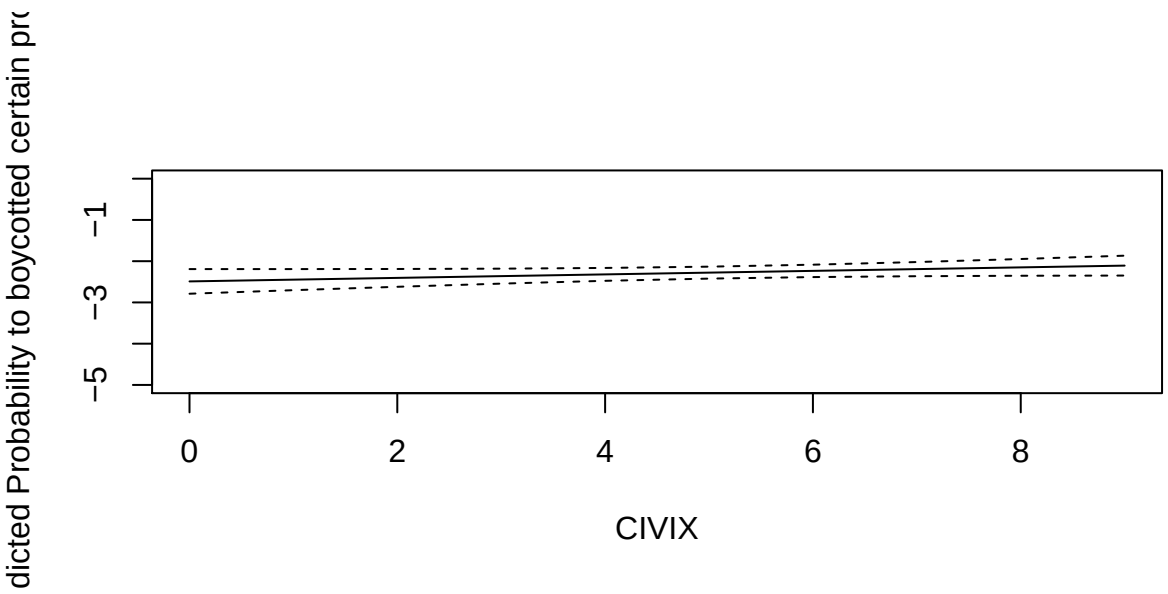


Figure 3: boycotted certain products

```
plot(0:9, pred.pol$.fitted, type = "l",
     ylab = "Predicted Probability to boycotted certain products",
     xlab = "CIVIX",
     ylim = c(-5,0)
     )
  lines(0:9, pred.pol$lower, lty = 2)
  lines(0:9, pred.pol$upper, lty = 2)
```

```
stfgov.1 = lm(stfgov ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # absolute level
stfgov.2 = lm(stfgov.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
stfgov.3 = lm(stfgov ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # absolute lev
stfgov.4 = lm(stfgov.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(stfgov.1, stfgov.2, stfgov.3, stfgov.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "satisfaction with government",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
tvpol.1 = lm(tvpol ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # absolute level
tvpol.2 = lm(tvpol.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
tvpol.3 = lm(tvpol ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # absolute level
tvpol.4 = lm(tvpol.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(tvpol.1, tvpol.2, tvpol.3, tvpol.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Watching TV for News about Politics",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
rdpol.1 = lm(rdpol ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # absolute level
rdpol.2 = lm(rdpol.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
rdpol.3 = lm(rdpol ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # absolute level
rdpol.4 = lm(rdpol.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap
```

Table 7:

	satisfaction with government			
	stfgov Abs. Level	stfgov.gap Gap w/ Natives	stfgov	stfgov.gap
	(1)	(2)	(3)	(4)
Age	−0.001	−0.002	−0.001	−0.002
	(0.004)	(0.004)	(0.004)	(0.004)
Ethnicity	−0.005	−0.075	−0.030	−0.094
	(0.109)	(0.107)	(0.108)	(0.105)
Female	0.032	0.020	0.030	0.011
	(0.098)	(0.095)	(0.098)	(0.095)
Education	−0.054	−0.099***	−0.062*	−0.089***
	(0.034)	(0.033)	(0.034)	(0.033)
Born in Europe	−0.642***	−0.810***	−0.650***	−0.785***
	(0.130)	(0.127)	(0.130)	(0.127)
CIVIX	−0.035*	−0.012		
	(0.020)	(0.019)		
civix.d			−0.197	0.197
			(0.128)	(0.125)
Constant	5.679***	1.691***	5.704***	1.450***
	(0.213)	(0.208)	(0.228)	(0.222)
Observations	2,322	2,322	2,322	2,322
R^2	0.015	0.025	0.014	0.026
Adjusted R^2	0.012	0.023	0.012	0.023
Residual Std. Error (df = 2315)	2.341	2.287	2.342	2.286
F Statistic (df = 6; 2315)	5.706***	9.939***	5.577***	10.298***
Note:				*p<0.1; **p<0.05; ***p<0.01

Table 8:

	Watching TV for News about Politics			
	tvpol Abs. Level	tvpol.gap Gap w/ Natives	tvpol	tvpol.gap
	(1)	(2)	(3)	(4)
Age	0.019***	0.020***	0.019***	0.020***
	(0.002)	(0.002)	(0.002)	(0.002)
Ethnicity	−0.020	−0.055	−0.037	−0.076
	(0.061)	(0.060)	(0.060)	(0.059)
Female	−0.129**	−0.133**	−0.133**	−0.141***
	(0.054)	(0.054)	(0.054)	(0.054)
Education	0.081***	0.062***	0.083***	0.069***
	(0.019)	(0.019)	(0.019)	(0.019)
Born in Europe	−0.133*	−0.163**	−0.121*	−0.137*
	(0.072)	(0.072)	(0.073)	(0.072)
CIVIX	−0.017	−0.016		
	(0.011)	(0.011)		
civix.d			0.014	0.112
			(0.070)	(0.069)
Constant	1.039***	−0.883***	0.949***	−1.060***
	(0.117)	(0.116)	(0.125)	(0.124)
Observations	2,426	2,426	2,426	2,426
R^2	0.040	0.039	0.039	0.040
Adjusted R^2	0.037	0.037	0.036	0.037
Residual Std. Error (df = 2419)	1.329	1.319	1.330	1.319
F Statistic (df = 6; 2419)	16.686***	16.546***	16.298***	16.646***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
stargazer(rdpol.1, rdpol.2, rdpol.3, rdpol.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Listening to Radio for News about Politics",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 9:

	Listening to Radio for News about Politics			
	rdpol Abs. Level	rdpol.gap Gap w/ Natives	rdpol	rdpol.gap
	(1)	(2)	(3)	(4)
Age	0.016***	0.015***	0.016***	0.015***
	(0.003)	(0.003)	(0.003)	(0.003)
Ethnicity	−0.033	−0.071	−0.045	−0.061
	(0.074)	(0.074)	(0.073)	(0.073)
Female	−0.110*	−0.095	−0.106	−0.099
	(0.065)	(0.065)	(0.065)	(0.064)
Education	0.127***	0.083***	0.115***	0.095***
	(0.023)	(0.023)	(0.023)	(0.023)
Born in Europe	0.126	−0.001	0.100	0.027
	(0.081)	(0.080)	(0.082)	(0.081)
CIVIX	−0.023*	0.020		
	(0.013)	(0.013)		
civix.d			−0.247***	0.249***
			(0.081)	(0.081)
Constant	0.426***	−1.144***	0.562***	−1.293***
	(0.144)	(0.142)	(0.152)	(0.151)
Observations	1,677	1,677	1,677	1,677
R^2	0.051	0.029	0.055	0.033
Adjusted R^2	0.048	0.025	0.051	0.029
Residual Std. Error (df = 1670)	1.327	1.314	1.324	1.311
F Statistic (df = 6; 1670)	15.003***	8.215***	16.099***	9.436***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
nwsppol.1 = lm(nwsppol ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # absolute lev
nwsppol.2 = lm(nwsppol.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_pol) # gap
nwsppol.3 = lm(nwsppol ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # absolute l
nwsppol.4 = lm(nwsppol.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

stargazer(nwsppol.1, nwsppol.2,nwsppol.3, nwsppol.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Reading Newspaper for News about Politics",
```

```
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 10:

	Reading Newspaper for News about Politics			
	nwsppol Abs. Level	nwsppol.gap Gap w/ Natives	nwsppol	nwsppol.gap
	(1)	(2)	(3)	(4)
Age	0.009***	0.009***	0.009***	0.009***
	(0.002)	(0.002)	(0.002)	(0.002)
Ethnicity	0.053	0.046	0.040	0.033
	(0.052)	(0.052)	(0.051)	(0.052)
Female	−0.139***	−0.145***	−0.142***	−0.149***
	(0.046)	(0.046)	(0.046)	(0.046)
Education	0.109***	0.109***	0.110***	0.113***
	(0.016)	(0.016)	(0.016)	(0.017)
Born in Europe	0.154***	0.125**	0.161***	0.142**
	(0.058)	(0.058)	(0.058)	(0.059)
CIVIX	−0.011	−0.006		
	(0.009)	(0.009)		
civix.d			0.006	0.102*
			(0.055)	(0.055)
Constant	0.522***	−0.719***	0.467***	−0.836***
	(0.101)	(0.102)	(0.105)	(0.106)
Observations	1,630	1,630	1,630	1,630
R^2	0.060	0.053	0.059	0.055
Adjusted R^2	0.056	0.050	0.055	0.052
Residual Std. Error (df = 1623)	0.918	0.928	0.918	0.927
F Statistic (df = 6; 1623)	17.167***	15.219***	16.895***	15.755***
Note:				*p<0.1; **p<0.05; ***p<0.01

Social Incorporation

```
### social incorporation

# ess_raw$stflife # How satisfied with life as a whole
#
# table(ess_raw$pplhlp) # Most of the time people helpful or mostly looking out for themselves (0: look
#
# ess_raw$happy # How happy are you
```

```r
## ess_raw$inmdisc # Anyone to discuss intimate and personal matters with

# ess_raw$aesfdrk # Feeling of safety of walking alone in local area after dark
#
# ess_raw$health # Subjective general health
#
# ess_raw$dscrgrp # Member of a group discriminated against in this country
#
# ess_raw$dscrrce # Discrimination of respondent's group: colour or race
#
# ess_raw$dscrntn # Discrimination of respondent's group: nationality
#
# # ess_raw$dscretn # Discrimination of respondent's group: ethnic group
#
# ess_raw$lnghoma # Language most often spoken at home: first mentioned *** COME BACK FOR THIS
#
# ### citizen involvement
#
# ess_raw$sptcptp # Sports/outdoor activity club, last 12 months: participated
#
# ess_raw$cltoptp # Cultural/hobby activity organisation, last 12 months: participated
#
# ess_raw$truptp # Trade union, last 12 months: participated
#
# ess_raw$prfoptp # Business/profession/farmers organisation, last 12 months: participated
#
# ess_raw$cnsoptp # Consumer/automobile organisation, last 12 months: participated
#
# ess_raw$hmnoptp # Humanitarian organisation etc., last 12 months: participated
#
# ess_raw$epaoptp # Environmental/peace/animal organisation, last 12 months: participated
#
# ess_raw$rlgoptp # Religious/church organisation, last 12 months: participated
#
# ess_raw$prtyptp # Political party, last 12 months: participated
#
# ess_raw$setoptp # Science/education/teacher organisation, last 12 months: participated
#
# ess_raw$sclcptp # Social club etc., last 12 months: participated
#
# ess_raw$othvptp # Other voluntary organisation, last 12 months: participated

ess_raw$dscrgrp = ifelse(ess_raw$dscrgrp == 2, 0, ess_raw$dscrgrp) # 1 as yes, 0 as no

ess_raw = ess_raw %>%
  filter(cntry %in% c("DK", "NL", "DE", "AT", "FR", "GB", "GR", "IE", "SE", "BE", "PT", "ES", "FI","LU"

main.lan.1 = ess_raw %>% group_by(cntry) %>%
  filter(lnghoma != 999, lnghoma != 888, lnghoma != 777) %>%
  summarise(main.lan.1 = tail(names(sort(table(lnghoma))),1))

main.lan.2 = ess_raw %>% group_by(cntry) %>%
  filter(lnghoma != 999, lnghoma != 888, lnghoma != 777) %>%
```

```r
  summarise(main.lan.2 = tail(names(sort(table(lnghoma))),2)[1])

ess_raw = ess_raw %>%
  left_join(main.lan.1, by = "cntry") %>%
  left_join(main.lan.2, by = "cntry")

ess_raw = ess_raw %>% group_by(cntry) %>%
  mutate(main.lan = ifelse(lnghoma == main.lan.1 |lnghoma == main.lan.2 , 1, 0))
  # 1: speak majority language at home, 0: minority language

soc_mean = ess_raw %>% filter(citizen == 1, fborn == 0) %>% group_by(cntry) %>%
  select(cntry, stflife, pplhlp, happy, aesfdrk, health, dscrgrp, dscrrce, dscrntn, main.lan) %>%
  summarise(mean.stflife = mean(stflife, na.rm = TRUE),
            mean.pplhlp = mean(pplhlp, na.rm = TRUE),
            mean.happy = mean(happy, na.rm = TRUE),
            # mean.inmdisc = mean(inmdisc, na.rm = TRUE),
            mean.aesfdrk = mean(aesfdrk, na.rm = TRUE),
            mean.health = mean(health, na.rm = TRUE),
            mean.dscrgrp = mean(dscrgrp, na.rm = TRUE),
            mean.dscrrce = mean(dscrrce, na.rm = TRUE),
            mean.dscrntn = mean(dscrntn, na.rm = TRUE),
            mean.lan = mean(main.lan, na.rm = TRUE))

ess_soc = ess_raw %>% filter(residence == 1)
ess_soc = ess_soc %>% left_join(soc_mean, by='cntry')

ess_soc = ess_soc %>%  mutate(
  stflife.gap = stflife - mean.stflife,
  pplhlp.gap = pplhlp - mean.pplhlp,
  happy.gap = happy - mean.happy,
  aesfdrk.gap = aesfdrk - mean.aesfdrk,
  health.gap = health - mean.health,
  dscrgrp.gap = dscrgrp - mean.dscrgrp,
  dscrrce.gap = dscrrce - mean.dscrrce,
  dscrntn.gap = dscrntn - mean.dscrntn,
  lan.gap = main.lan - mean.lan
  )
```

```r
stflife.1 = lm(stflife ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute lev
stflife.2 = lm(stflife.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
stflife.3 = lm(stflife ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # absolute l
stflife.4 = lm(stflife.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(stflife.1, stflife.2, stflife.3, stflife.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Satisfaction with Life",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```r
pplhlp.1 = lm(pplhlp ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute level
pplhlp.2 = lm(pplhlp.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
pplhlp.3 = lm(pplhlp ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # absolute lev
pplhlp.4 = lm(pplhlp.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(pplhlp.1, pplhlp.2,pplhlp.3, pplhlp.4, type = "latex", header = FALSE,
```

Table 11:

	Satisfaction with Life			
	stflife Abs. Level	stflife.gap Gap w/ Natives	stflife	stflife.gap
	(1)	(2)	(3)	(4)
Age	−0.005	−0.006*	−0.005	−0.007*
	(0.004)	(0.004)	(0.004)	(0.004)
Ethnicity	−0.262***	−0.338***	−0.267***	−0.368***
	(0.097)	(0.097)	(0.096)	(0.096)
Female	0.063	0.076	0.065	0.066
	(0.087)	(0.087)	(0.087)	(0.087)
Education	0.098***	0.051*	0.091***	0.063**
	(0.030)	(0.030)	(0.030)	(0.030)
Born in Europe	0.470***	0.267**	0.451***	0.310***
	(0.115)	(0.115)	(0.116)	(0.115)
CIVIX	−0.014	−0.022		
	(0.018)	(0.018)		
civix.d			−0.181	0.221**
			(0.112)	(0.111)
Constant	6.662***	−0.097	6.767***	−0.408**
	(0.190)	(0.189)	(0.201)	(0.200)
Observations	2,580	2,580	2,580	2,580
R^2	0.020	0.013	0.021	0.014
Adjusted R^2	0.018	0.011	0.018	0.012
Residual Std. Error (df = 2573)	2.208	2.197	2.207	2.196
F Statistic (df = 6; 2573)	8.720***	5.853***	9.060***	6.256***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "People are helpful",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 12:

	People are helpful			
	pplhlp Abs. Level	pplhlp.gap Gap w/ Natives	pplhlp	pplhlp.gap
	(1)	(2)	(3)	(4)
Age	0.014***	0.015***	0.015***	0.015***
	(0.004)	(0.004)	(0.004)	(0.004)
Ethnicity	−0.045	−0.201**	−0.029	−0.206**
	(0.106)	(0.101)	(0.103)	(0.099)
Female	0.075	0.111	0.101	0.108
	(0.095)	(0.090)	(0.093)	(0.090)
Education	0.101***	−0.035	0.047	−0.031
	(0.033)	(0.031)	(0.033)	(0.031)
Born in Europe	0.166	−0.134	0.012	−0.122
	(0.125)	(0.119)	(0.124)	(0.120)
CIVIX	−0.029	−0.002		
	(0.019)	(0.018)		
civix.d			−1.152***	0.070
			(0.119)	(0.115)
Constant	4.318***	−0.270	5.267***	−0.347*
	(0.206)	(0.196)	(0.215)	(0.207)
Observations	2,572	2,572	2,572	2,572
R^2	0.013	0.008	0.047	0.008
Adjusted R^2	0.011	0.006	0.045	0.006
Residual Std. Error (df = 2565)	2.391	2.269	2.350	2.269
F Statistic (df = 6; 2565)	5.736***	3.481***	21.198***	3.541***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
happy.1 = lm(happy ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute level
happy.2 = lm(happy.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
happy.3 = lm(happy ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # absolute level
happy.4 = lm(happy.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(happy.1, happy.2, happy.3, happy.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "People are helpful",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 13:

	People are helpful			
	happy Abs. Level	happy.gap Gap w/ Natives	happy	happy.gap
	(1)	(2)	(3)	(4)
Age	−0.012***	−0.013***	−0.013***	−0.013***
	(0.003)	(0.003)	(0.003)	(0.003)
Ethnicity	−0.283***	−0.340***	−0.288***	−0.345***
	(0.085)	(0.085)	(0.083)	(0.084)
Female	−0.018	−0.008	−0.017	−0.012
	(0.076)	(0.076)	(0.076)	(0.076)
Education	0.094***	0.051**	0.088***	0.060**
	(0.026)	(0.026)	(0.026)	(0.026)
Born in Europe	0.413***	0.267***	0.398***	0.291***
	(0.100)	(0.100)	(0.101)	(0.101)
CIVIX	−0.011	0.002		
	(0.015)	(0.015)		
civix.d			−0.141	0.173*
			(0.097)	(0.097)
Constant	7.470***	0.234	7.553***	0.079
	(0.165)	(0.165)	(0.175)	(0.175)
Observations	2,585	2,585	2,585	2,585
R^2	0.026	0.018	0.027	0.020
Adjusted R^2	0.024	0.016	0.024	0.017
Residual Std. Error (df = 2578)	1.916	1.918	1.916	1.917
F Statistic (df = 6; 2578)	11.440***	8.042***	11.718***	8.578***
Note:				*p<0.1; **p<0.05; ***p<0.01

```r
aesfdrk.1 = lm(aesfdrk ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute lev
aesfdrk.2 = lm(aesfdrk.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
aesfdrk.3 = lm(aesfdrk ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # absolute l
aesfdrk.4 = lm(aesfdrk.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(aesfdrk.1, aesfdrk.2, aesfdrk.3, aesfdrk.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Feel safe after dark",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 14:

	Feel safe after dark			
	aesfdrk Abs. Level	aesfdrk.gap Gap w/ Natives	aesfdrk	aesfdrk.gap
	(1)	(2)	(3)	(4)
Age	−0.004***	−0.004***	−0.004***	−0.004***
	(0.001)	(0.001)	(0.001)	(0.001)
Ethnicity	0.040	0.032	0.053	0.046
	(0.033)	(0.034)	(0.033)	(0.033)
Female	0.337***	0.345***	0.339***	0.349***
	(0.030)	(0.030)	(0.030)	(0.030)
Education	−0.035***	−0.034***	−0.035***	−0.036***
	(0.010)	(0.010)	(0.010)	(0.011)
Born in Europe	−0.055	−0.036	−0.059	−0.046
	(0.039)	(0.040)	(0.040)	(0.040)
CIVIX	0.015**	0.014**		
	(0.006)	(0.006)		
civix.d			0.026	−0.019
			(0.038)	(0.039)
Constant	2.033***	−0.051	2.079***	0.034
	(0.065)	(0.066)	(0.069)	(0.069)
Observations	2,582	2,582	2,582	2,582
R^2	0.063	0.061	0.061	0.059
Adjusted R^2	0.061	0.059	0.059	0.057
Residual Std. Error (df = 2575)	0.753	0.760	0.754	0.761
F Statistic (df = 6; 2575)	28.848***	27.907***	27.831***	26.963***
Note:				*p<0.1; **p<0.05; ***p<0.01

```r
health.1 = lm(health ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute level
health.2 = lm(health.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
health.3 = lm(health ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # absolute lev
health.4 = lm(health.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap
```

```
stargazer(health.1, health.2, health.3, health.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "subjective general health",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 15:

	subjective general health			
	health	health.gap	health	health.gap
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.014***	0.014***	0.014***	0.014***
	(0.001)	(0.001)	(0.001)	(0.001)
Ethnicity	−0.032	0.023	−0.028	0.026
	(0.034)	(0.034)	(0.034)	(0.033)
Female	0.095***	0.090***	0.093***	0.094***
	(0.031)	(0.030)	(0.031)	(0.030)
Education	−0.050***	−0.027***	−0.043***	−0.035***
	(0.011)	(0.010)	(0.011)	(0.011)
Born in Europe	−0.114***	−0.003	−0.096**	−0.026
	(0.041)	(0.040)	(0.041)	(0.040)
CIVIX	0.011*	−0.004		
	(0.006)	(0.006)		
civix.d			0.157***	−0.165***
			(0.039)	(0.039)
Constant	1.473***	−0.718***	1.375***	−0.579***
	(0.067)	(0.066)	(0.071)	(0.070)
Observations	2,597	2,597	2,597	2,597
R^2	0.051	0.047	0.055	0.054
Adjusted R^2	0.048	0.045	0.053	0.051
Residual Std. Error (df = 2590)	0.780	0.769	0.778	0.767
F Statistic (df = 6; 2590)	23.001***	21.277***	25.282***	24.405***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
dscrgrp.1 = glm(dscrgrp ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc, family = "bin
dscrgrp.2 = lm(dscrgrp.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
dscrgrp.3 = glm(dscrgrp ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc, family = "b
dscrgrp.4 = lm(dscrgrp.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(dscrgrp.1, dscrgrp.2, dscrgrp.3, dscrgrp.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "subjective general health",
```

```
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 16:

	subjective general health			
	dscrgrp	dscrgrp.gap	dscrgrp	dscrgrp.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.002	−0.0003	−0.003	−0.0003
	(0.004)	(0.001)	(0.004)	(0.001)
Ethnicity	1.248***	0.240***	1.248***	0.238***
	(0.102)	(0.018)	(0.101)	(0.018)
Female	−0.127	−0.019	−0.137	−0.020
	(0.098)	(0.016)	(0.098)	(0.016)
Education	−0.200***	−0.037***	−0.184***	−0.035***
	(0.034)	(0.006)	(0.034)	(0.006)
Born in Europe	−0.495***	−0.060***	−0.452***	−0.055**
	(0.153)	(0.021)	(0.154)	(0.022)
CIVIX	0.013	−0.0001		
	(0.020)	(0.003)		
civix.d			0.377***	0.040*
			(0.140)	(0.021)
Constant	−0.827***	0.268***	−1.121***	0.230***
	(0.211)	(0.035)	(0.231)	(0.037)
Observations	2,550	2,550	2,550	2,550
R^2		0.101		0.102
Adjusted R^2		0.099		0.100
Log Likelihood	−1,282.716		−1,279.128	
Akaike Inf. Crit.	2,579.432		2,572.256	
Residual Std. Error (df = 2543)		0.409		0.409
F Statistic (df = 6; 2543)		47.579***		48.270***
Note:				*p<0.1; **p<0.05; ***p<0.01

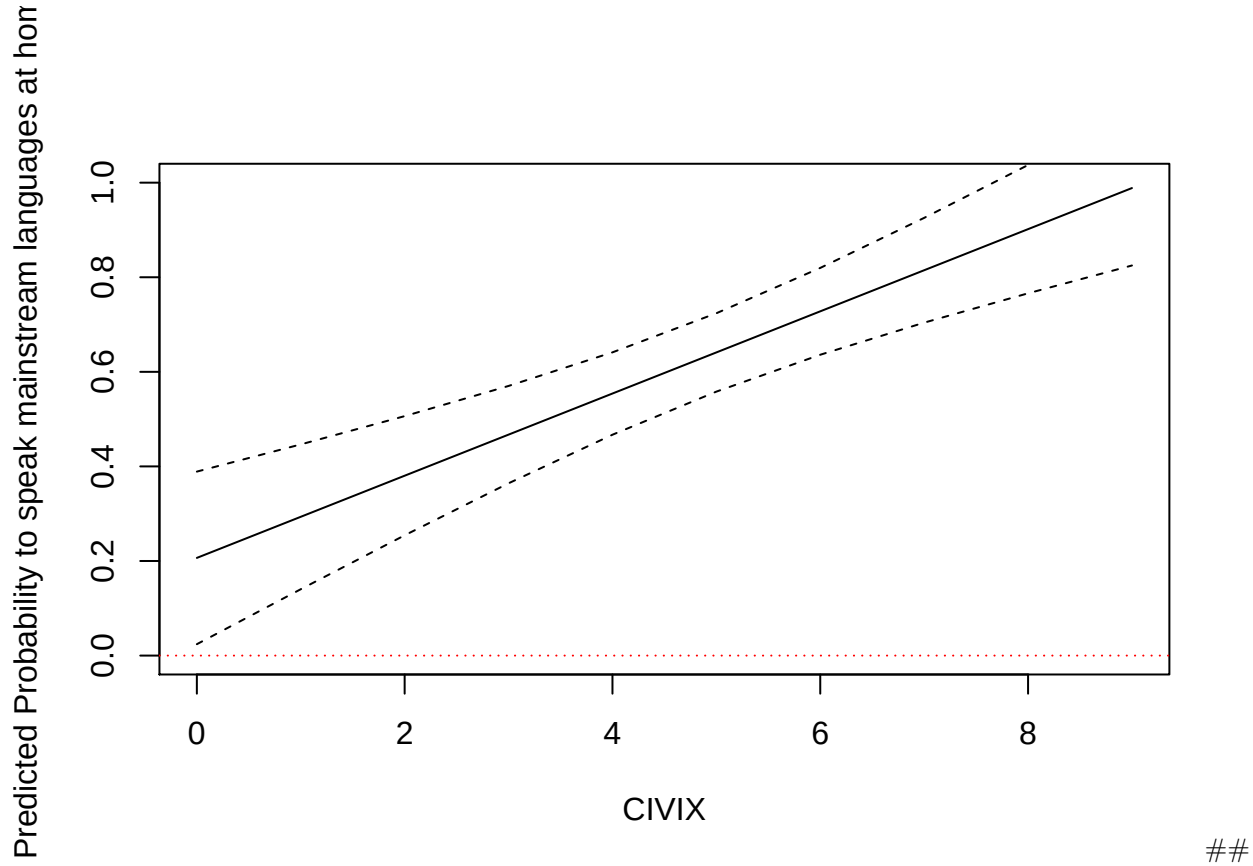
```
main.lan.1 = glm(main.lan ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc, family = "bi
main.lan.2 = lm(lan.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # gap
main.lan.3 = glm(main.lan ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc, family = "
main.lan.4 = lm(lan.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_soc) # gap

stargazer(main.lan.1, main.lan.2, main.lan.3, main.lan.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "language spoken at home",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 17:

	language spoken at home			
	main.lan	lan.gap	main.lan	lan.gap
	logistic Abs. Level	*OLS* Gap w/ Natives	*logistic*	*OLS*
	(1)	(2)	(3)	(4)
Age	0.010**	0.002**	0.010**	0.002***
	(0.004)	(0.001)	(0.004)	(0.001)
Ethnicity	−0.464***	−0.108***	−0.419***	−0.098***
	(0.092)	(0.021)	(0.091)	(0.020)
Female	0.086	0.018	0.080	0.017
	(0.084)	(0.019)	(0.084)	(0.019)
Education	−0.052*	−0.012*	−0.019	−0.005
	(0.029)	(0.006)	(0.029)	(0.006)
Born in Europe	0.530***	0.107***	0.613***	0.123***
	(0.118)	(0.025)	(0.120)	(0.025)
CIVIX	0.087***	0.019***		
	(0.017)	(0.004)		
civix.d			0.767***	0.176***
			(0.106)	(0.024)
Constant	0.038	−0.457***	−0.280	−0.535***
	(0.183)	(0.041)	(0.193)	(0.043)
Observations	2,597	2,597	2,597	2,597
R^2		0.031		0.042
Adjusted R^2		0.029		0.040
Log Likelihood	−1,643.609		−1,630.229	
Akaike Inf. Crit.	3,301.218		3,274.458	
Residual Std. Error (df = 2590)		0.473		0.470
F Statistic (df = 6; 2590)		13.907***		19.086***
Note:				*p<0.1; **p<0.05; ***p<0.01

```
pred.soc.dat = with(ess_soc, data.frame(agea = mean(agea, na.rm = T),
                                        ethnic = mean(ethnic, na.rm = T),
                                        female = mean(female, na.rm = T),
                                        eubirth = mean(eubirth, na.rm = T),
                                        edu = mean(edu, na.rm = T),
                                        civix = 0:9))

pred.soc = main.lan.1 %>%
  broom::augment(newdata = pred.soc.dat, predict = "response") %>%
```

```
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.soc$.fitted, type = "l",
     ylab = "Predicted Probability to speak mainstream languages at home",
     xlab = "CIVIX" ,
     ylim = c(0,1)
     )
  lines(0:9, pred.soc$lower, lty = 2)
  lines(0:9, pred.soc$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```



##

Socioeconomic incorporation

```
# pdjobev - Ever had a paid job
# pdjobyr - Year last in paid job
# emplrel - Employment relation
# emplno - Number of employees respondent has/had
# wrkctra - Employment contract unlimited or limited duration
# jbspv - Responsible for supervising other employees
# wkdcorga - Allowed to decide how daily work is organised
# wkhtot - Total hours normally worked per week in main job overtime included
# iscoco - Occupation, ISCO88 (com)
# uemp3m - Ever unemployed and seeking work for a period more than three months
# uemp12m - Any period of unemployment and work seeking lasted 12 months or more
# uemp5yr - Any period of unemployment and work seeking within last 5 years
```

```
# hinctnta - Household's total net income, all sources

ess_raw$pdjobev = ifelse(ess_raw$pdjobev > 5, NA,
                         ifelse(ess_raw$pdjobev == 2, 0, ess_raw$pdjobev)) # 1 as yes, 0 as no
ess_raw$pdjobyr = ifelse(ess_raw$pdjobyr > 2010, NA, ess_raw$pdjobyr)
essr = c(2002, 2004, 2006, 2008, 2010)
essround = c(1:5)
essround = as.data.frame(t(rbind(essr, essround)))
ess_raw = ess_raw %>% left_join(essround, by='essround')
ess_raw = ess_raw %>% mutate(pdjobyr = essr - pdjobyr)

ess_raw$self.emply = ifelse(ess_raw$emplrel == 1, 0,
                            ifelse(ess_raw$emplrel == 2, 1,
                                   ifelse(ess_raw$emplrel == 3, 1, NA))) # remember that there's no "ga
ess_raw$wrkctr = ifelse(ess_raw$wrkctra == 1, 0,
                        ifelse(ess_raw$wrkctra == 2, 1,
                               ifelse(ess_raw$wrkctra == 3, 1, NA))) # 1 as w/ limited contract or no
ess_raw$contract = ifelse(ess_raw$wrkctra == 1, 1,
                          ifelse(ess_raw$wrkctra == 2, 1,
                                 ifelse(ess_raw$wrkctra == 3, 0, NA))) # 1 as with contract, 0 as w/

ess_raw$jbspv = ifelse(ess_raw$jbspv == 2, 0,
                       ifelse(ess_raw$jbspv == 1, 1, NA))

ess_raw$wkdcorga = ifelse(ess_raw$wkdcorga > 10, NA, ess_raw$wkdcorga)
ess_raw$wkhtot = ifelse(ess_raw$wkhtot > 168, NA, ess_raw$wkhtot)

iscoco.h.w = c(100:3500) # high skilled white collar
iscoco.l.w = c(4000:5500) # low skilled white collar
iscoco.h.b = c(6000:7500) # high skilled blue collar
iscoco.l.b = c(8000:9330) # low skilled blue collar
ess_raw$skill = ifelse(ess_raw$iscoco %in% iscoco.h.w, 1,
                       ifelse(ess_raw$iscoco %in% iscoco.h.b, 1,
                              ifelse(ess_raw$iscoco %in% iscoco.l.w, 0,
                                     ifelse(ess_raw$iscoco %in% iscoco.l.b, 0, NA)))) # 1 as high skill

ess_raw$blue = ifelse(ess_raw$iscoco %in% iscoco.h.w, 0,
                      ifelse(ess_raw$iscoco %in% iscoco.l.w, 0,
                             ifelse(ess_raw$iscoco %in% iscoco.h.b, 1,
                                    ifelse(ess_raw$iscoco %in% iscoco.l.b, 1, NA)))) # 1 as blue colla

ess_raw$uemp3m = ifelse(ess_raw$uemp3m == 2, 0,
                        ifelse(ess_raw$uemp3m == 1, 1, NA))

ess_raw$uemp12m = ifelse(ess_raw$uemp12m == 2, 0,
                         ifelse(ess_raw$uemp12m == 1, 1, NA))

ess_raw$uemp5yr = ifelse(ess_raw$uemp5yr == 2, 0,
                         ifelse(ess_raw$uemp5yr == 1, 1, NA))

ess_raw$soc.welfare = ifelse(ess_raw$hincsrca == 5 | ess_raw$hincsrca == 6, 1, 0)

ses_mean = ess_raw %>% filter(citizen == 1, fborn == 0) %>% group_by(cntry) %>%
```

```r
  select(pdjobev, pdjobyr, emplno, wrkctr, jbspv, wkdcorga, wkhtot, skill, blue, contract, hinctnt, uemp
  summarise(mean.pdjobev = mean(pdjobev, na.rm = TRUE),
            mean.pdjobyr = mean(pdjobyr, na.rm = TRUE),
            mean.emplno = mean(emplno, na.rm = TRUE),
            mean.wrkctr = mean(wrkctr, na.rm = TRUE),
            mean.jbspv = mean(jbspv, na.rm = TRUE),
            mean.wkdcorga = mean(wkdcorga, na.rm = TRUE),
            mean.wkhtot = mean(wkhtot, na.rm = TRUE),
            mean.skill = mean(skill, na.rm = TRUE),
            mean.blue = mean(blue, na.rm = TRUE),
            mean.contract = mean(contract, na.rm = TRUE),
            mean.hinctnt = mean(hinctnt, na.rm = TRUE),
            mean.uemp3m = mean(uemp3m, na.rm = TRUE),
            mean.uemp12m = mean(uemp12m, na.rm = TRUE),
            mean.uemp5yr = mean(uemp5yr, na.rm = TRUE),
            mean.soc.welfare = mean(soc.welfare, na.rm = TRUE),
            mean.brwmny = mean(brwmny, na.rm = TRUE))

ess_ses = ess_raw %>% filter(residence == 1)
ess_ses = ess_ses %>% left_join(ses_mean, by='cntry')

ess_ses = ess_ses %>%  mutate(
  pdjobev.gap = pdjobev - mean.pdjobev,
  pdjobyr.gap = pdjobyr - mean.pdjobyr,
  emplno.gap = emplno - mean.emplno,
  wrkctr.gap = wrkctr - mean.wrkctr,
  jbspv.gap = jbspv - mean.jbspv,
  wkdcorga.gap = wkdcorga - mean.wkdcorga,
  wkhtot.gap = wkhtot - mean.wkhtot,
  skill.gap = skill - mean.skill,
  blue.gap = blue - mean.blue,
  contract.gap = contract - mean.contract,
  hinctnt.gap = hinctnt - mean.hinctnt,
  uemp3m.gap = uemp3m - mean.uemp3m,
  uemp12m.gap = uemp12m - mean.uemp12m,
  uemp5yr.gap = uemp5yr - mean.uemp5yr,
  soc.welfare.gap = soc.welfare - mean.soc.welfare,
  brwmny.gap = brwmny - mean.brwmny
  )

ses.dat = with(ess_ses, data.frame(agea = mean(agea, na.rm = T),
                                   ethnic = mean(ethnic, na.rm = T),
                                   female = mean(female, na.rm = T),
                                   eubirth = mean(eubirth, na.rm = T),
                                   edu = mean(edu, na.rm = T),
                                civix = 0:9))
```

```r
pdjobev.1 = glm(pdjobev ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "bino
pdjobev.2 = lm(pdjobev.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
pdjobev.3 = glm(pdjobev ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "bi
pdjobev.4 = lm(pdjobev.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

# stargazer(pdjobev.1, pdjobev.2, pdjobev.3, pdjobev.4, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
```

```
#           dep.var.caption  = "language spoken at home",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))

# absolute = pdjobev.1 %>%
#   broom::augment(newdata = ses.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit) %>%
#   select(.fitted, upper, lower)
```

```
pdjobyr.1 = lm(pdjobyr ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute lev
pdjobyr.2 = lm(pdjobyr.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap

# stargazer(pdjobyr.1, pdjobyr.2, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "language spoken at home",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
self.emply.1 = glm(self.emply ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family =

# stargazer(self.emply.1, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "language spoken at home",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
emplno.1 = lm(emplno ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute level
emplno.2 = lm(emplno.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap

# stargazer(emplno.1, emplno.2, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "language spoken at home",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))
```

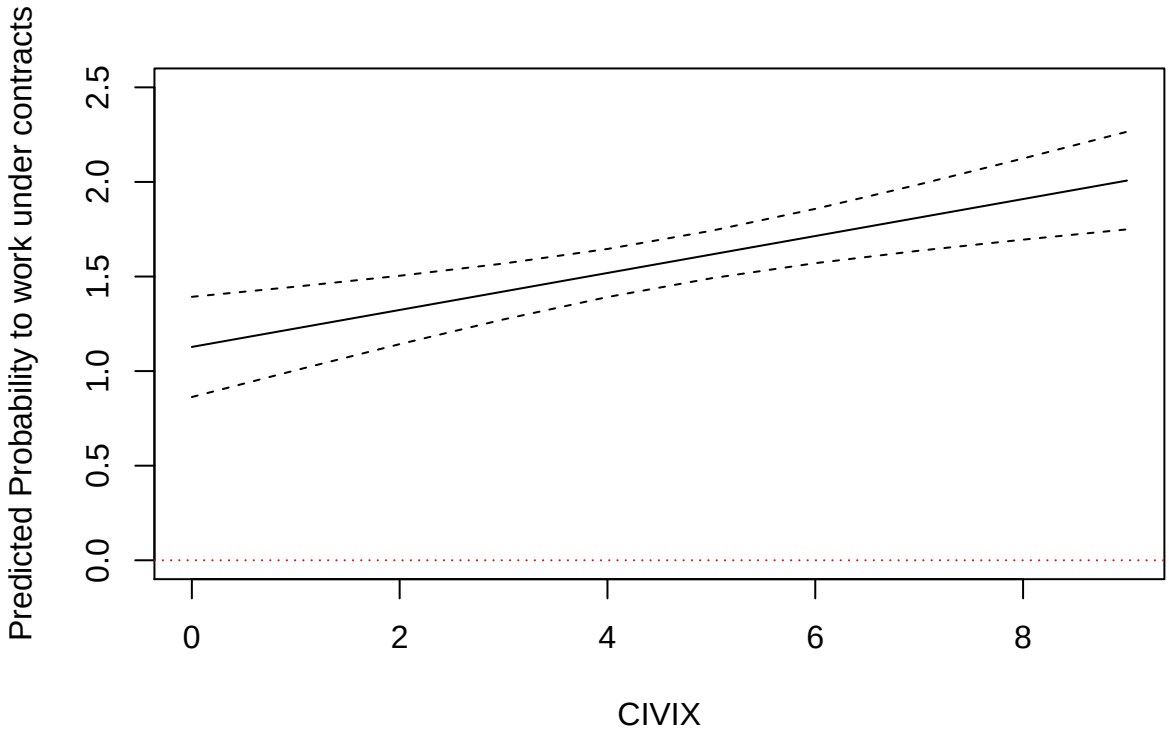
```
contract.1 = glm(contract ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "b
contract.2 = lm(contract.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
contract.3 = glm(contract ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family =
contract.4 = lm(contract.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(contract.1, contract.2, contract.3, contract.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "working under contract",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
pred.ses = contract.1 %>%
  broom::augment(newdata = ses.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.ses$.fitted, type = "l",
     ylab = "Predicted Probability to work under contracts",
     xlab = "CIVIX"  ,ylim = c(0,2.5)
     )
  lines(0:9, pred.ses$lower, lty = 2)
  lines(0:9, pred.ses$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```

Table 18:

	working under contract			
	contract	contract.gap	contract	contract.gap
	logistic Abs. Level	*OLS* Gap w/ Natives	*logistic*	*OLS*
	(1)	(2)	(3)	(4)
Age	0.006	0.001	0.007	0.001
	(0.006)	(0.001)	(0.006)	(0.001)
Ethnicity	−0.264*	−0.014	−0.216	−0.015
	(0.136)	(0.019)	(0.134)	(0.018)
Female	−0.138	−0.024	−0.152	−0.024
	(0.124)	(0.016)	(0.125)	(0.016)
Education	0.234***	0.042***	0.284***	0.041***
	(0.043)	(0.006)	(0.045)	(0.006)
Born in Europe	0.397**	0.073***	0.512***	0.069***
	(0.180)	(0.021)	(0.184)	(0.022)
CIVIX	0.098***	−0.002		
	(0.026)	(0.003)		
civix.d			0.866***	−0.033
			(0.149)	(0.021)
Constant	0.242	−0.188***	−0.161	−0.166***
	(0.278)	(0.038)	(0.292)	(0.040)
Observations	1,911	1,911	1,911	1,911
R^2		0.042		0.043
Adjusted R^2		0.039		0.040
Log Likelihood	−844.070		−835.192	
Akaike Inf. Crit.	1,702.139		1,684.384	
Residual Std. Error (df = 1904)		0.358		0.358
F Statistic (df = 6; 1904)		13.941***		14.318***

Note: *p<0.1; **p<0.05; ***p<0.01




```
jbspv.1 = glm(jbspv ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial
jbspv.2 = lm(jbspv.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
jbspv.3 = glm(jbspv ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binom
jbspv.4 = lm(jbspv.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(jbspv.1, jbspv.2, jbspv.3, jbspv.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "working under contract",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
# pred.ses = jbspv.1 %>%
#   broom::augment(newdata = ses.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.ses$.fitted, type = "l",
#      ylab = "Predicted Probability to work under contracts",
#      xlab = "CIVIX"  ,ylim = c(0,2.5)
#      )
#   lines(0:9, pred.ses$lower, lty = 2)
#   lines(0:9, pred.ses$upper, lty = 2)
```

```
wkdcorga.1 = lm(wkdcorga ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute l
wkdcorga.2 = lm(wkdcorga.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
wkdcorga.3 = lm(wkdcorga ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # absolute
wkdcorga.4 = lm(wkdcorga.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(wkdcorga.1, wkdcorga.2, wkdcorga.3, wkdcorga.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "control over organization of daily work",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 19:

	working under contract			
	jbspv	jbspv.gap	jbspv	jbspv.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.018***	0.003***	0.018***	0.003***
	(0.005)	(0.001)	(0.005)	(0.001)
Ethnicity	−0.046	−0.018	−0.063	−0.031
	(0.124)	(0.019)	(0.122)	(0.019)
Female	−0.575***	−0.090***	−0.577***	−0.093***
	(0.108)	(0.017)	(0.108)	(0.017)
Education	0.475***	0.064***	0.471***	0.064***
	(0.041)	(0.006)	(0.042)	(0.006)
Born in Europe	0.367***	0.041*	0.364***	0.047**
	(0.127)	(0.022)	(0.128)	(0.022)
CIVIX	−0.023	−0.014***		
	(0.021)	(0.003)		
civix.d			−0.111	−0.012
			(0.126)	(0.022)
Constant	−3.259***	−0.276***	−3.257***	−0.329***
	(0.267)	(0.039)	(0.277)	(0.041)
Observations	2,199	2,199	2,199	2,199
R^2		0.084		0.077
Adjusted R^2		0.082		0.075
Log Likelihood	−1,079.669		−1,079.863	
Akaike Inf. Crit.	2,173.338		2,173.725	
Residual Std. Error (df = 2192)		0.397		0.398
F Statistic (df = 6; 2192)		33.690***		30.621***
Note:				*p<0.1; **p<0.05; ***p<0.01

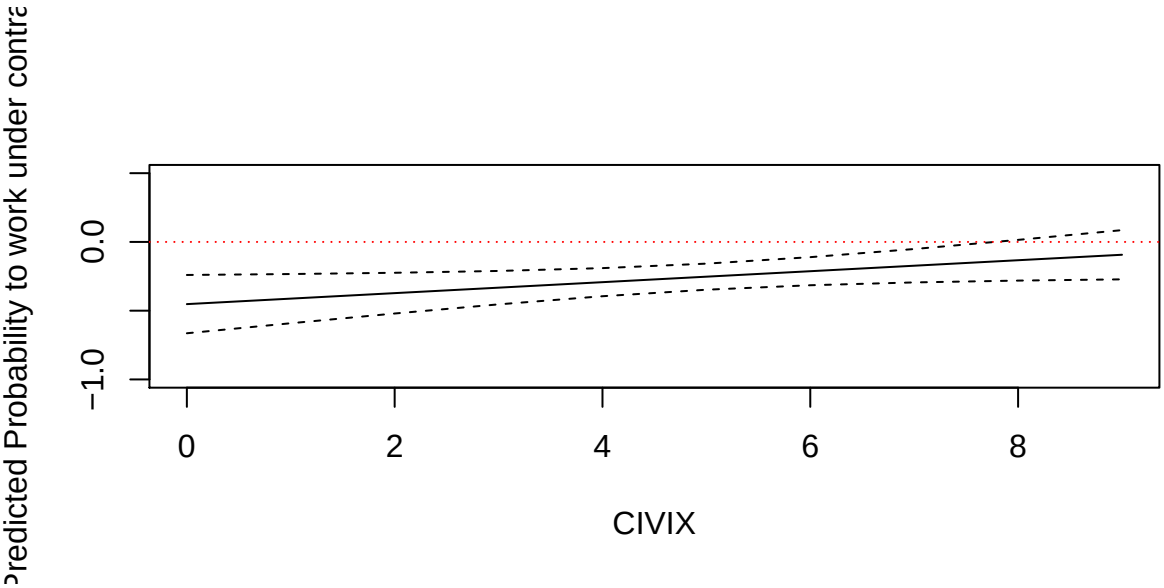
Table 20:

	control over organization of daily work			
	wkdcorga Abs. Level	wkdcorga.gap Gap w/ Natives	wkdcorga	wkdcorga.gap
	(1)	(2)	(3)	(4)
Age	0.036***	0.036***	0.036***	0.035***
	(0.007)	(0.007)	(0.007)	(0.007)
Ethnicity	−0.669***	−0.674***	−0.734***	−0.806***
	(0.171)	(0.168)	(0.169)	(0.167)
Female	−0.088	−0.115	−0.109	−0.143
	(0.152)	(0.150)	(0.152)	(0.151)
Education	0.642***	0.607***	0.658***	0.610***
	(0.053)	(0.052)	(0.054)	(0.053)
Born in Europe	0.966***	0.954***	1.029***	1.006***
	(0.196)	(0.193)	(0.198)	(0.196)
CIVIX	−0.062**	−0.145***		
	(0.031)	(0.031)		
civix.d			0.233	−0.094
			(0.193)	(0.191)
Constant	1.936***	−3.699***	1.423***	−4.270***
	(0.352)	(0.348)	(0.375)	(0.372)
Observations	1,991	1,991	1,991	1,991
R^2	0.127	0.134	0.126	0.125
Adjusted R^2	0.125	0.132	0.124	0.122
Residual Std. Error (df = 1984)	3.369	3.322	3.371	3.340
F Statistic (df = 6; 1984)	48.273***	51.363***	47.790***	47.098***
Note:				*p<0.1; **p<0.05; ***p<0.01

```r
wkhtot.1 = lm(wkhtot ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute level
wkhtot.2 = lm(wkhtot.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
wkhtot.3 = lm(wkhtot ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # absolute lev
wkhtot.4 = lm(wkhtot.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

# stargazer(wkhtot.1, wkhtot.2, wkhtot.3, wkhtot.4, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "hours worked per week",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```r
skill.1 = glm(skill ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial
skill.2 = lm(skill.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
skill.3 = glm(skill ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binom
skill.4 = lm(skill.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(skill.1, skill.2, skill.3, skill.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Skilled worker or not",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```r
pred.ses = skill.1 %>%
  broom::augment(newdata = ses.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.ses$.fitted, type = "l",
     ylab = "Predicted Probability to work under contracts",
     xlab = "CIVIX" ,ylim = c(-1, 0.5)
     )
  lines(0:9, pred.ses$lower, lty = 2)
  lines(0:9, pred.ses$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```




```r
blue.1 = glm(blue ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial"
blue.2 = lm(blue.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
```

Table 21:

	Skilled worker or not			
	skill	skill.gap	skill	skill.gap
	logistic Abs. Level	*OLS* Gap w/ Natives	*logistic*	*OLS*
	(1)	(2)	(3)	(4)
Age	0.020***	0.004***	0.020***	0.004***
	(0.004)	(0.001)	(0.004)	(0.001)
Ethnicity	−0.020	−0.003	0.001	−0.006
	(0.108)	(0.022)	(0.106)	(0.022)
Female	−1.197***	−0.259***	−1.204***	−0.261***
	(0.098)	(0.020)	(0.098)	(0.020)
Education	0.497***	0.106***	0.516***	0.109***
	(0.035)	(0.007)	(0.036)	(0.007)
Born in Europe	0.522***	0.106***	0.565***	0.115***
	(0.122)	(0.025)	(0.124)	(0.025)
CIVIX	0.040**	−0.002		
	(0.019)	(0.004)		
civix.d			0.395***	0.049**
			(0.121)	(0.025)
Constant	−2.203***	−0.424***	−2.413***	−0.479***
	(0.224)	(0.045)	(0.240)	(0.048)
Observations	2,186	2,186	2,186	2,186
R^2		0.176		0.178
Adjusted R^2		0.174		0.175
Log Likelihood	−1,305.462		−1,302.210	
Akaike Inf. Crit.	2,624.924		2,618.419	
Residual Std. Error (df = 2179)		0.456		0.455
F Statistic (df = 6; 2179)		77.688***		78.444***
Note:				*p<0.1; **p<0.05; ***p<0.01

```r
blue.3 = glm(blue ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binomial")
blue.4 = lm(blue.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(blue.1, blue.2, blue.3, blue.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Skilled worker or not",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 22:

	Skilled worker or not			
	blue	blue.gap	blue	blue.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.009*	0.002*	0.008*	0.002**
	(0.005)	(0.001)	(0.005)	(0.001)
Ethnicity	−0.097	−0.001	−0.108	0.009
	(0.113)	(0.021)	(0.111)	(0.020)
Female	−1.127***	−0.216***	−1.134***	−0.213***
	(0.102)	(0.018)	(0.103)	(0.018)
Education	−0.650***	−0.119***	−0.641***	−0.120***
	(0.038)	(0.006)	(0.038)	(0.007)
Born in Europe	−1.340***	−0.184***	−1.309***	−0.190***
	(0.144)	(0.023)	(0.145)	(0.024)
CIVIX	−0.004	0.011***		
	(0.021)	(0.004)		
civix.d			0.164	0.003
			(0.132)	(0.023)
Constant	2.464***	0.519***	2.290***	0.566***
	(0.236)	(0.042)	(0.251)	(0.044)
Observations	2,186	2,186	2,186	2,186
R^2		0.236		0.233
Adjusted R^2		0.234		0.231
Log Likelihood	−1,183.450		−1,182.689	
Akaike Inf. Crit.	2,380.899		2,379.378	
Residual Std. Error (df = 2179)		0.424		0.425
F Statistic (df = 6; 2179)		112.483***		110.595***
Note:				*p<0.1; **p<0.05; ***p<0.01

```r
# pred.ses = blue.1 %>%
#   broom::augment(newdata = ses.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
```

```
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.ses$.fitted, type = "l",
#      ylab = "Predicted Probability to work under contracts",
#      xlab = "CIVIX" ,ylim = c(-1, 0.5)
#      )
#   lines(0:9, pred.ses$lower, lty = 2)
#   lines(0:9, pred.ses$upper, lty = 2)
```

```
hinctnt.1 = lm(hinctnt ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute lev
hinctnt.2 = lm(hinctnt.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
hinctnt.3 = lm(hinctnt ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # absolute l
hinctnt.4 = lm(hinctnt.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(hinctnt.1, hinctnt.2, hinctnt.3, hinctnt.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "Skilled worker or not",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
uemp3m.1 = glm(uemp3m ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binom
uemp3m.2 = lm(uemp3m.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
uemp3m.3 = glm(uemp3m ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "bin
uemp3m.4 = lm(uemp3m.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(uemp3m.1, uemp3m.2, uemp3m.3, uemp3m.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "unemployed for three months",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
uemp12m.1 = glm(uemp12m ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "bin
uemp12m.2 = lm(uemp12m.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
uemp12m.3 = glm(uemp12m ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "bi
uemp12m.4 = lm(uemp12m.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(uemp12m.1, uemp12m.2,uemp12m.3, uemp12m.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "unemployed for three months",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
pred.ses = uemp12m.1 %>%
  broom::augment(newdata = ses.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.ses$.fitted, type = "l",
     ylab = "Predicted Probability to be unemployed for twelve months",
     xlab = "CIVIX" ,ylim = c(-1, 1)
     )
  lines(0:9, pred.ses$lower, lty = 2)
  lines(0:9, pred.ses$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```

```
uemp5yr.1 = glm(uemp5yr ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "bin
uemp5yr.2 = lm(uemp5yr.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
```

Table 23:

	Skilled worker or not			
	hinctnt Abs. Level	hinctnt.gap Gap w/ Natives	hinctnt	hinctnt.gap
	(1)	(2)	(3)	(4)
Age	0.009**	0.009**	0.009**	0.009**
	(0.004)	(0.004)	(0.004)	(0.004)
Ethnicity	−0.254**	−0.347***	−0.263**	−0.399***
	(0.107)	(0.106)	(0.106)	(0.104)
Female	−0.169*	−0.213**	−0.172*	−0.224**
	(0.097)	(0.096)	(0.097)	(0.096)
Education	0.395***	0.340***	0.403***	0.349***
	(0.033)	(0.033)	(0.034)	(0.033)
Born in Europe	0.763***	0.583***	0.779***	0.620***
	(0.127)	(0.126)	(0.128)	(0.126)
CIVIX	−0.001	−0.048***		
	(0.019)	(0.019)		
civix.d			0.163	0.141
			(0.121)	(0.120)
Constant	3.301***	−1.465***	3.143***	−1.826***
	(0.219)	(0.216)	(0.230)	(0.227)
Observations	1,892	1,892	1,892	1,892
R^2	0.114	0.099	0.115	0.097
Adjusted R^2	0.111	0.096	0.112	0.094
Residual Std. Error (df = 1885)	2.097	2.066	2.096	2.069
F Statistic (df = 6; 1885)	40.339***	34.639***	40.680***	33.662***
Note:				*p<0.1; **p<0.05; ***p<0.01

Table 24:

	unemployed for three months			
	uemp3m	uemp3m.gap	uemp3m	uemp3m.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.011***	0.002***	0.011***	0.002***
	(0.004)	(0.001)	(0.004)	(0.001)
Ethnicity	0.259***	0.073***	0.275***	0.077***
	(0.090)	(0.021)	(0.088)	(0.021)
Female	−0.247***	−0.060***	−0.244***	−0.059***
	(0.081)	(0.019)	(0.081)	(0.019)
Education	−0.057**	−0.012*	−0.056**	−0.013**
	(0.028)	(0.007)	(0.028)	(0.007)
Born in Europe	−0.471***	−0.088***	−0.474***	−0.094***
	(0.112)	(0.025)	(0.112)	(0.026)
CIVIX	0.020	0.003		
	(0.016)	(0.004)		
civix.d			0.051	−0.027
			(0.106)	(0.025)
Constant	−0.528***	0.126***	−0.484**	0.167***
	(0.177)	(0.042)	(0.188)	(0.044)
Observations	2,588	2,588	2,588	2,588
R^2		0.021		0.021
Adjusted R^2		0.019		0.019
Log Likelihood	−1,717.183		−1,717.786	
Akaike Inf. Crit.	3,448.366		3,449.572	
Residual Std. Error (df = 2581)		0.486		0.486
F Statistic (df = 6; 2581)		9.192***		9.288***
Note:				*p<0.1; **p<0.05; ***p<0.01

Table 25:

	unemployed for three months			
	uemp12m	uemp12m.gap	uemp12m	uemp12m.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.030***	0.007***	0.031***	0.007***
	(0.007)	(0.002)	(0.007)	(0.002)
Ethnicity	0.269*	0.067**	0.335**	0.081**
	(0.137)	(0.033)	(0.135)	(0.033)
Female	0.361***	0.074**	0.365***	0.076**
	(0.130)	(0.031)	(0.130)	(0.031)
Education	−0.103**	−0.025**	−0.097**	−0.024**
	(0.045)	(0.011)	(0.045)	(0.011)
Born in Europe	−0.035	0.017	−0.036	0.014
	(0.187)	(0.044)	(0.187)	(0.045)
CIVIX	0.079***	0.016***		
	(0.026)	(0.006)		
civix.d			0.211	0.029
			(0.174)	(0.041)
Constant	−1.662***	−0.345***	−1.516***	−0.304***
	(0.301)	(0.070)	(0.319)	(0.075)
Observations	1,049	1,049	1,049	1,049
R^2		0.043		0.037
Adjusted R^2		0.037		0.031
Log Likelihood	−692.271		−696.278	
Akaike Inf. Crit.	1,398.542		1,406.556	
Residual Std. Error (df = 1042)		0.493		0.494
F Statistic (df = 6; 1042)		7.745***		6.620***
Note:				*p<0.1; **p<0.05; ***p<0.01

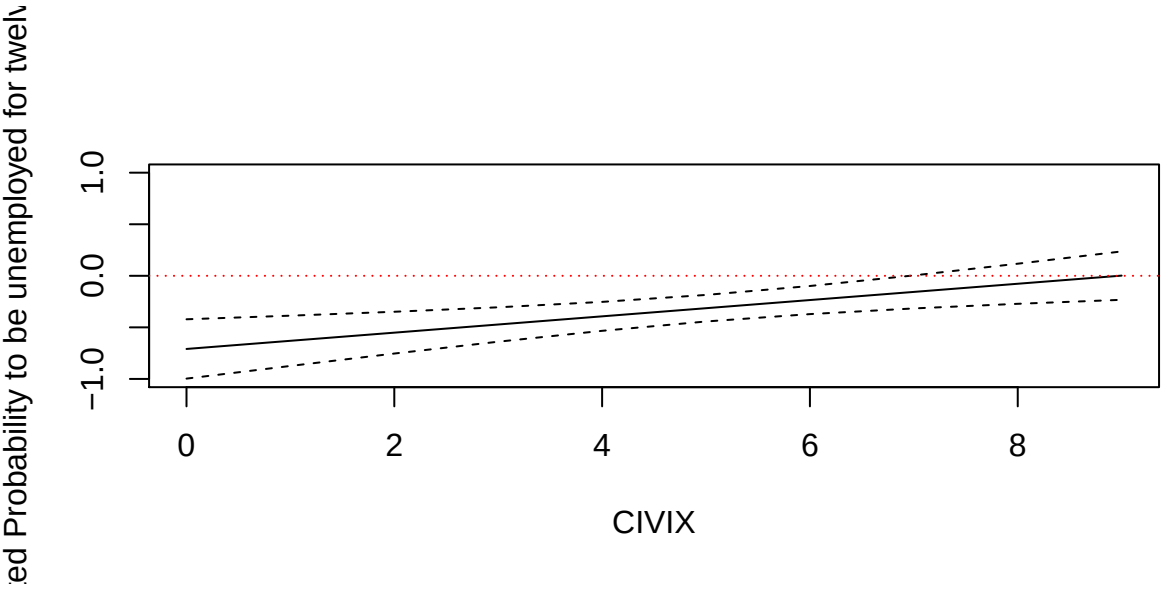


Figure 4: unemployed for twelve months

```
uemp5yr.3 = glm(uemp5yr ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "bi
uemp5yr.4 = lm(uemp5yr.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

stargazer(uemp5yr.1, uemp5yr.2, uemp5yr.3, uemp5yr.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "unemployed for five years",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

```
# pred.ses = uemp5yr.1 %>%
#   broom::augment(newdata = ses.dat, predict = "response") %>%
#   mutate(upper = .fitted + 1.96 * .se.fit,
#          lower = .fitted - 1.96 * .se.fit)
#
# plot(0:9, pred.ses$.fitted, type = "l",
#      ylab = "Predicted Probability to be unemployed for twelve months",
#      xlab = "CIVIX" ,ylim = c(-1, 1)
#      )
#   lines(0:9, pred.ses$lower, lty = 2)
#   lines(0:9, pred.ses$upper, lty = 2)
#   abline(h = 0, lty=3, col="red")
```

```
soc.welfare.1 = glm(soc.welfare ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family
soc.welfare.2 = lm(soc.welfare.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # g
soc.welfare.3 = glm(soc.welfare ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, fami
soc.welfare.4 = lm(soc.welfare.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) #

stargazer(soc.welfare.1, soc.welfare.2, soc.welfare.3, soc.welfare.4, type = "latex", header = FALSE,
          covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
          dep.var.caption  = "unemployed for five years",
          column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 26:

	unemployed for five years			
	uemp5yr	uemp5yr.gap	uemp5yr	uemp5yr.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.022***	−0.004***	−0.024***	−0.004***
	(0.007)	(0.001)	(0.007)	(0.001)
Ethnicity	0.287*	0.065**	0.235	0.062**
	(0.160)	(0.029)	(0.157)	(0.029)
Female	0.058	0.011	0.036	0.005
	(0.147)	(0.028)	(0.147)	(0.028)
Education	−0.050	−0.006	−0.040	−0.001
	(0.050)	(0.009)	(0.051)	(0.010)
Born in Europe	−0.229	−0.028	−0.188	−0.015
	(0.198)	(0.039)	(0.200)	(0.039)
CIVIX	−0.046	0.001		
	(0.029)	(0.005)		
civix.d			0.110	0.087**
			(0.190)	(0.037)
Constant	2.189***	0.382***	1.899***	0.312***
	(0.338)	(0.063)	(0.355)	(0.067)
Observations	1,039	1,039	1,039	1,039
R^2		0.015		0.021
Adjusted R^2		0.010		0.015
Log Likelihood	−575.981		−577.089	
Akaike Inf. Crit.	1,165.963		1,168.179	
Residual Std. Error (df = 1032)		0.438		0.436
F Statistic (df = 6; 1032)		2.704**		3.649***

Note: *p<0.1; **p<0.05; ***p<0.01

Table 27:

	unemployed for five years			
	soc.welfare	soc.welfare.gap	soc.welfare	soc.welfare.gap
	logistic	*OLS*	*logistic*	*OLS*
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.007	−0.001	−0.007	−0.001
	(0.006)	(0.001)	(0.006)	(0.001)
Ethnicity	0.527***	0.046***	0.594***	0.051***
	(0.134)	(0.014)	(0.133)	(0.014)
Female	0.242*	0.026**	0.267**	0.028**
	(0.128)	(0.012)	(0.128)	(0.012)
Education	−0.106**	−0.017***	−0.146***	−0.019***
	(0.043)	(0.004)	(0.044)	(0.004)
Born in Europe	0.016	−0.014	−0.123	−0.021
	(0.180)	(0.016)	(0.183)	(0.017)
CIVIX	0.045*	0.005**		
	(0.026)	(0.003)		
civix.d			−0.674***	−0.023
			(0.153)	(0.016)
Constant	−2.031***	0.084***	−1.188***	0.131***
	(0.280)	(0.027)	(0.287)	(0.029)
Observations	2,533	2,533	2,533	2,533
R^2		0.019		0.019
Adjusted R^2		0.017		0.016
Log Likelihood	−880.953		−873.331	
Akaike Inf. Crit.	1,775.905		1,760.662	
Residual Std. Error (df = 2526)		0.312		0.312
F Statistic (df = 6; 2526)		8.337***		7.972***
Note:				*p<0.1; **p<0.05; ***p<0.01

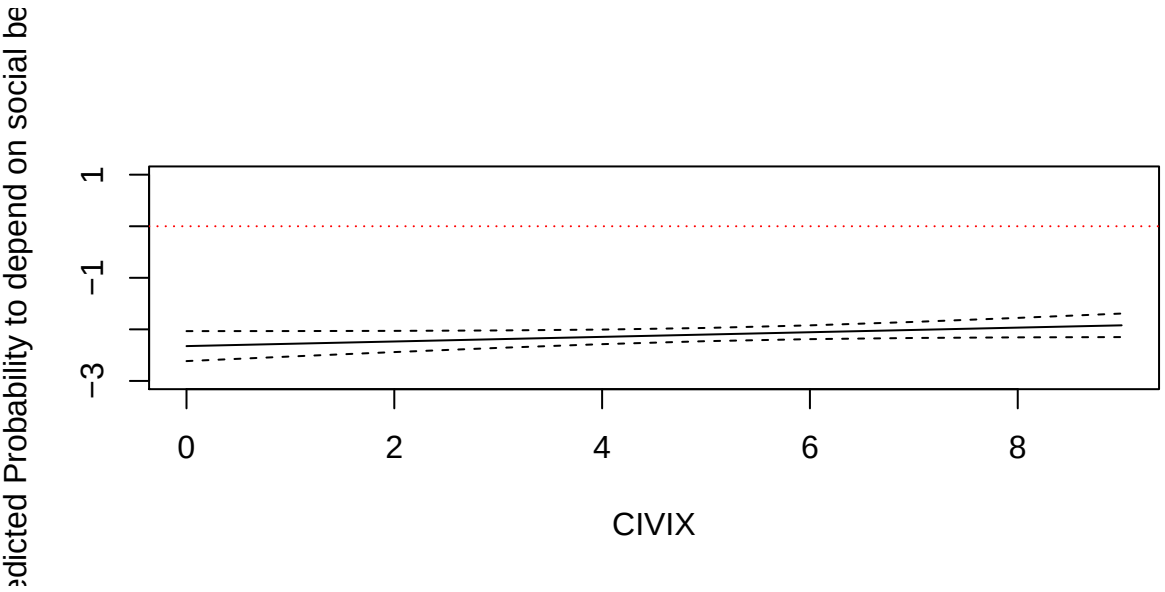


Figure 5: Depend on social benefits

```
pred.ses = soc.welfare.1 %>%
  broom::augment(newdata = ses.dat, predict = "response") %>%
  mutate(upper = .fitted + 1.96 * .se.fit,
         lower = .fitted - 1.96 * .se.fit)

plot(0:9, pred.ses$.fitted, type = "l",
     ylab = "Predicted Probability to depend on social benefits",
     xlab = "CIVIX" ,ylim = c(-3, 1)
     )
  lines(0:9, pred.ses$lower, lty = 2)
  lines(0:9, pred.ses$upper, lty = 2)
  abline(h = 0, lty=3, col="red")
```

```
brwmny.1 = lm(brwmny ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute level
brwmny.2 = lm(brwmny.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap

# stargazer(brwmny.1, brwmny.2, type = "latex", header = FALSE,
#           covariate.labels = c("Age", "Ethnicity", "Female", "Education", "Born in Europe", "CIVIX"),
#           dep.var.caption  = "Difficulty to borrow money",
#           column.labels = c("Abs. Level", "Gap w/ Natives"))
```