

Different models

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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, ctzcctr, livecntr, cntbrth, gndr, edulvla, facntr, mocntr,
  plyr::rename(c("cntbrth"="birthplace", "blgetmg"="ethnic", "edulvla"="edu", "brncntr"="fborn", "wrkctr"="workctr"))
  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, ctzcctr, livecntr, cntbrtha, gndr, edulvla, facntr, mocntr,
  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, ctzcctr, livecntr, cntbrtha, gndr, edulvla, facntr, mocntr,
  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, ctzcctr, livecntr, cntbrthb, gndr, edulvla, facntr, mocntr,
  plyr::rename(c("cntbrthb"="birthplace", "blgetmg"="ethnic", "edulvla"="edu", "brncntr"="fborn", "hinctnt"="hinctnt"))
ess_2010 = ess_2010 %>%
  select(essround, cntry, agea, blgetmg, brncntr, ctzcctr, livecnta, cntbrthb, gndr, edulvlb, facntr, mocntr,
  plyr::rename(c("cntbrthb"="birthplace", "blgetmg"="ethnic", "edulvlb"="edu", "livecnta" = "livecntr", "brncntr"="fborn"))
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$citizen = ifelse(ess_raw$ctzcctr == 1, 1,
  ifelse(ess_raw$ctzcctr == 2, 0, NA))
ess_raw$residence = ifelse(ess_raw$livecntr <= 3, 1, 0) # 1 = lived less than 10 yrs, 0 = lived more than 10 yrs
ess_raw$birthplace = ifelse(ess_raw$birthplace %in% c(66,77,88,99,"02","03","04","06"), NA, ess_raw$birthplace)
# 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$edu)
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ess_raw$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))

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Playing with the models

Political Incorporation

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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$nwspol = ifelse(ess_raw$nwspol > 8, NA, ess_raw$nwspol)

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, nwspol)
  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.nwspol = mean(nwspol, 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,

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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 = "binomial")
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 = "contacted politicians",
  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 = "binomial")
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 = "binomial")
wrkprty.4 = lm(wrkprty.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

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

	contacted politicians			
	contplt	contplt.gap	contplt	contplt.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.022*** (0.006)	0.002*** (0.0005)	0.022*** (0.006)	0.002*** (0.0005)
Ethnicity	0.297* (0.158)	0.016 (0.013)	0.253 (0.157)	0.010 (0.012)
Female	-0.225 (0.139)	-0.019* (0.011)	-0.229* (0.139)	-0.020* (0.011)
Education	0.302*** (0.051)	0.017*** (0.004)	0.296*** (0.052)	0.019*** (0.004)
Born in Europe	0.603*** (0.161)	0.043*** (0.015)	0.605*** (0.162)	0.049*** (0.015)
CIVIX	-0.063** (0.028)	-0.005** (0.002)		
civix.d			-0.246 (0.159)	0.023 (0.014)
Constant	-3.974*** (0.333)	-0.154*** (0.025)	-4.036*** (0.342)	-0.200*** (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 <i>logistic</i> Abs. Level	wrkprty.gap <i>OLS</i> Gap w/ Natives	wrkprty <i>logistic</i>	wrkprty.gap <i>OLS</i>
	(1)	(2)	(3)	(4)
Age	0.010 (0.012)	0.0001 (0.0002)	0.010 (0.012)	0.0001 (0.0002)
Ethnicity	0.200 (0.317)	0.005 (0.006)	0.163 (0.313)	0.004 (0.006)
Female	-0.124 (0.282)	-0.002 (0.006)	-0.140 (0.282)	-0.002 (0.006)
Education	0.082 (0.098)	0.003 (0.002)	0.101 (0.100)	0.003 (0.002)
Born in Europe	0.452 (0.336)	0.007 (0.007)	0.518 (0.337)	0.008 (0.007)
civix	-0.026 (0.057)	-0.001 (0.001)		
civix.d			0.380 (0.382)	0.006 (0.007)
Constant	-4.479*** (0.632)	-0.035*** (0.012)	-4.977*** (0.686)	-0.043*** (0.013)
Observations	2,582	2,582	2,582	2,582
R ²		0.002		0.002
Adjusted R ²		-0.001		-0.0004
Log Likelihood	-252.180		-251.758	
Akaike Inf. Crit.	518.359		517.516	
Residual Std. Error (df = 2575)		0.141		0.141
F Statistic (df = 6; 2575)		0.780		0.845

Note:

*p<0.1; **p<0.05; ***p<0.01

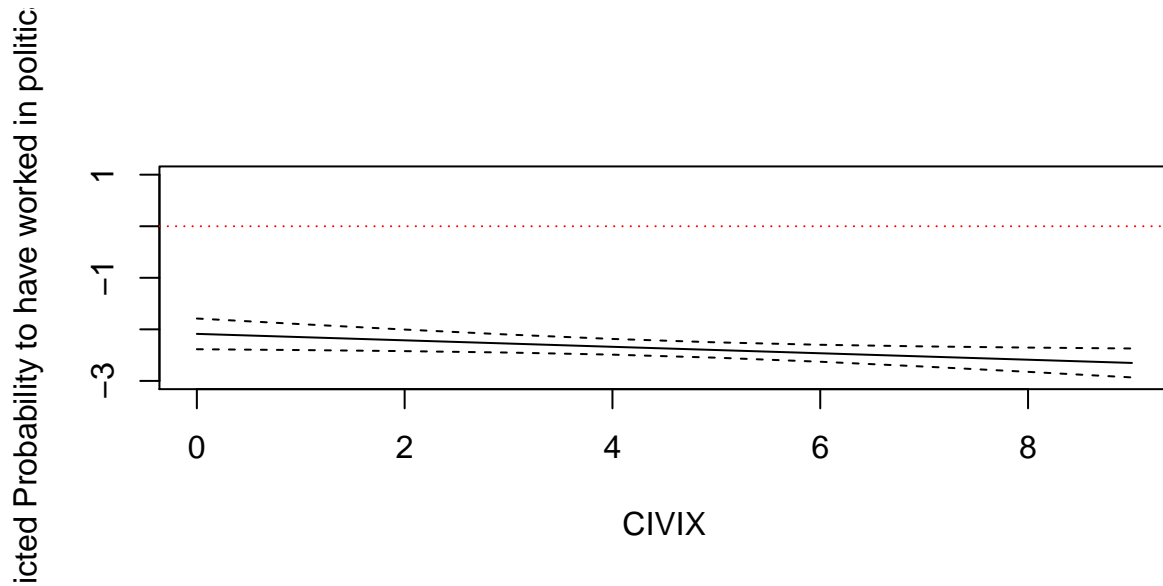


Figure 1: Predicted Probability to have contacted politician

```
#
# 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 <i>logistic</i> Abs. Level (1)	wrkorg.gap <i>OLS</i> Gap w/ Natives (2)	wrkorg <i>logistic</i> (3)	wrkorg.gap <i>OLS</i> (4)
Age	0.011* (0.006)	0.0004 (0.0005)	0.011* (0.006)	0.0004 (0.0005)
Ethnicity	0.326* (0.168)	0.023* (0.012)	0.317* (0.166)	0.017 (0.012)
Female	-0.149 (0.149)	-0.017 (0.011)	-0.149 (0.149)	-0.018* (0.011)
Education	0.305*** (0.055)	0.020*** (0.004)	0.301*** (0.056)	0.020*** (0.004)
Born in Europe	0.589*** (0.174)	0.039*** (0.014)	0.582*** (0.175)	0.041*** (0.014)
CIVIX	-0.016 (0.030)	-0.006*** (0.002)		
civix.d			-0.120 (0.174)	-0.006 (0.014)
Constant	-4.034*** (0.357)	-0.130*** (0.023)	-3.996*** (0.368)	-0.152*** (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 = "binomial")
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 = "binomial")
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
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.006 (0.005)	−0.001 (0.001)	−0.006 (0.005)	−0.001 (0.001)
Ethnicity	0.065 (0.136)	0.004 (0.015)	0.105 (0.134)	0.001 (0.015)
Female	0.015 (0.117)	0.005 (0.014)	0.025 (0.117)	0.003 (0.014)
Education	0.319*** (0.043)	0.023*** (0.005)	0.314*** (0.044)	0.025*** (0.005)
Born in Europe	1.009*** (0.133)	0.143*** (0.018)	0.984*** (0.133)	0.148*** (0.018)
CIVIX	0.044* (0.023)	−0.002 (0.003)		
civix.d			−0.016 (0.138)	0.031* (0.017)
Constant	−3.227*** (0.277)	−0.181*** (0.029)	−2.988*** (0.284)	−0.218*** (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

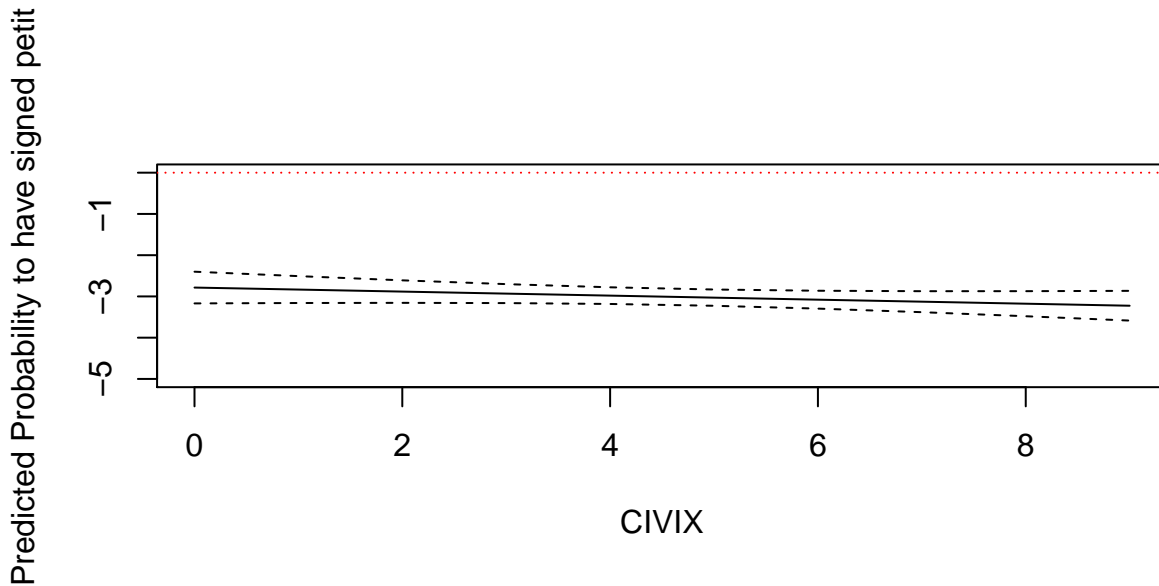


Figure 2: Signed petition

```

)
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 = "binom")
pbldmn.4 = lm(pbldmn.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_pol) # gap

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

```

Table 5:

	Taken part in lawful public demonstration			
	pblmnn	pblmnn.gap	pblmnn	pblmnn.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.020** (0.008)	−0.001*** (0.0004)	−0.020** (0.008)	−0.001*** (0.0004)
Ethnicity	0.158 (0.179)	0.022** (0.011)	0.121 (0.177)	0.023** (0.011)
Female	−0.262* (0.157)	−0.014 (0.010)	−0.268* (0.157)	−0.013 (0.010)
Education	0.168*** (0.057)	0.014*** (0.003)	0.166*** (0.057)	0.013*** (0.003)
Born in Europe	0.559*** (0.185)	0.058*** (0.013)	0.564*** (0.186)	0.053*** (0.013)
CIVIX	−0.046 (0.032)	−0.001 (0.002)		
civix.d			−0.111 (0.187)	−0.034*** (0.013)
Constant	−2.359*** (0.355)	−0.029 (0.022)	−2.474*** (0.368)	0.0001 (0.023)
Observations	2,581	2,581	2,581	2,581
R ²		0.019		0.022
Adjusted R ²		0.017		0.020
Log Likelihood	−629.579		−630.461	
Akaike Inf. Crit.	1,273.158		1,274.921	
Residual Std. Error (df = 2574)		0.253		0.253
F Statistic (df = 6; 2574)		8.425***		9.607***

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
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.002 (0.006)	0.0001 (0.001)	0.002 (0.006)	0.00002 (0.001)
Ethnicity	0.116 (0.155)	0.012 (0.013)	0.147 (0.153)	0.005 (0.013)
Female	-0.059 (0.132)	-0.009 (0.012)	-0.053 (0.132)	-0.011 (0.012)
Education	0.384*** (0.050)	0.025*** (0.004)	0.387*** (0.051)	0.026*** (0.004)
Born in Europe	1.144*** (0.146)	0.147*** (0.016)	1.141*** (0.147)	0.154*** (0.016)
CIVIX	0.043* (0.026)	-0.007*** (0.002)		
civix.d			0.154 (0.157)	0.025* (0.015)
Constant	-4.100*** (0.325)	-0.130*** (0.026)	-4.033*** (0.334)	-0.187*** (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)
```

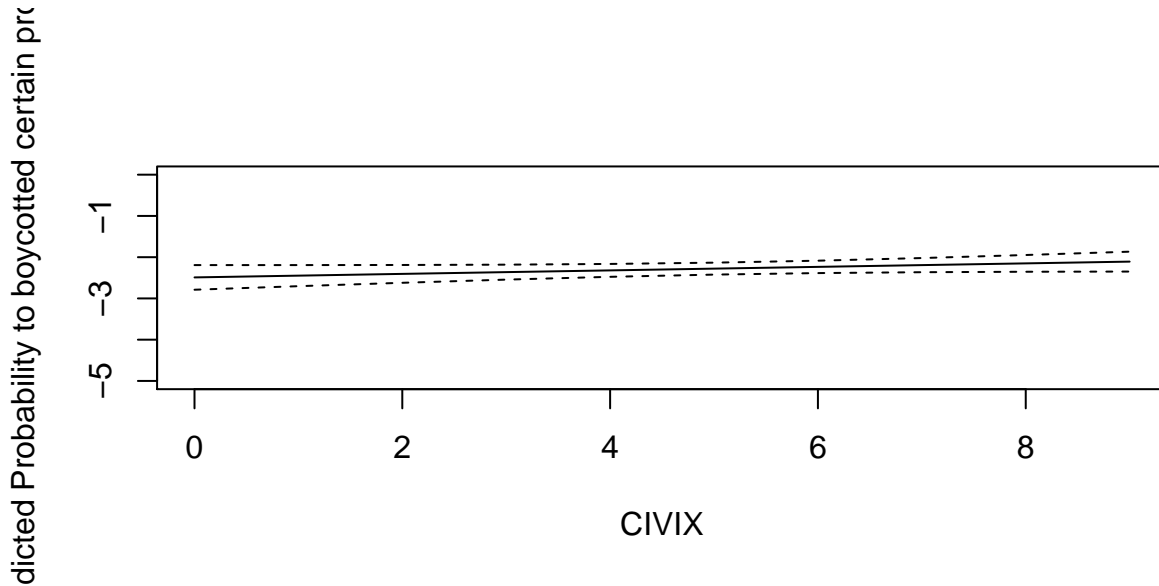


Figure 3: boycotted certain products

```
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 level
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 (0.004)	−0.002 (0.004)	−0.001 (0.004)	−0.002 (0.004)
Ethnicity	−0.005 (0.109)	−0.075 (0.107)	−0.030 (0.108)	−0.094 (0.105)
Female	0.032 (0.098)	0.020 (0.095)	0.030 (0.098)	0.011 (0.095)
Education	−0.054 (0.034)	−0.099*** (0.033)	−0.062* (0.034)	−0.089*** (0.033)
Born in Europe	−0.642*** (0.130)	−0.810*** (0.127)	−0.650*** (0.130)	−0.785*** (0.127)
CIVIX	−0.035* (0.020)	−0.012 (0.019)		
civix.d			−0.197 (0.128)	0.197 (0.125)
Constant	5.679*** (0.213)	1.691*** (0.208)	5.704*** (0.228)	1.450*** (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*** (0.002)	0.020*** (0.002)	0.019*** (0.002)	0.020*** (0.002)
Ethnicity	-0.020 (0.061)	-0.055 (0.060)	-0.037 (0.060)	-0.076 (0.059)
Female	-0.129** (0.054)	-0.133** (0.054)	-0.133** (0.054)	-0.141*** (0.054)
Education	0.081*** (0.019)	0.062*** (0.019)	0.083*** (0.019)	0.069*** (0.019)
Born in Europe	-0.133* (0.072)	-0.163** (0.072)	-0.121* (0.073)	-0.137* (0.072)
CIVIX	-0.017 (0.011)	-0.016 (0.011)		
civix.d			0.014 (0.070)	0.112 (0.069)
Constant	1.039*** (0.117)	-0.883*** (0.116)	0.949*** (0.125)	-1.060*** (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*** (0.003)	0.015*** (0.003)	0.016*** (0.003)	0.015*** (0.003)
Ethnicity	-0.033 (0.074)	-0.071 (0.074)	-0.045 (0.073)	-0.061 (0.073)
Female	-0.110* (0.065)	-0.095 (0.065)	-0.106 (0.065)	-0.099 (0.064)
Education	0.127*** (0.023)	0.083*** (0.023)	0.115*** (0.023)	0.095*** (0.023)
Born in Europe	0.126 (0.081)	-0.001 (0.080)	0.100 (0.082)	0.027 (0.081)
CIVIX	-0.023* (0.013)	0.020 (0.013)		
civix.d			-0.247*** (0.081)	0.249*** (0.081)
Constant	0.426*** (0.144)	-1.144*** (0.142)	0.562*** (0.152)	-1.293*** (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*** (0.002)	0.009*** (0.002)	0.009*** (0.002)	0.009*** (0.002)
Ethnicity	0.053 (0.052)	0.046 (0.052)	0.040 (0.051)	0.033 (0.052)
Female	-0.139*** (0.046)	-0.145*** (0.046)	-0.142*** (0.046)	-0.149*** (0.046)
Education	0.109*** (0.016)	0.109*** (0.016)	0.110*** (0.016)	0.113*** (0.017)
Born in Europe	0.154*** (0.058)	0.125** (0.058)	0.161*** (0.058)	0.142** (0.059)
CIVIX	-0.011 (0.009)	-0.006 (0.009)		
civix.d			0.006 (0.055)	0.102* (0.055)
Constant	0.522*** (0.101)	-0.719*** (0.102)	0.467*** (0.105)	-0.836*** (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
```

```

## 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$lnghoma # Language most often spoken at home: first mentioned *** COME BACK FOR THIS
#
# ### citizen involvement
#
# ess_raw$sptcftp # Sports/outdoor activity club, last 12 months: participated
#
# ess_raw$cltoftp # Cultural/hobby activity organisation, last 12 months: participated
#
# ess_raw$truptp # Trade union, last 12 months: participated
#
# ess_raw$prfoftp # Business/profession/farmers organisation, last 12 months: participated
#
# ess_raw$cnsotfp # Consumer/automobile organisation, last 12 months: participated
#
# ess_raw$hmnofp # Humanitarian organisation etc., last 12 months: participated
#
# ess_raw$epaotfp # Environmental/peace/animal organisation, last 12 months: participated
#
# ess_raw$rlgotfp # Religious/church organisation, last 12 months: participated
#
# ess_raw$prtyftp # Political party, last 12 months: participated
#
# ess_raw$setotfp # Science/education/teacher organisation, last 12 months: participated
#
# ess_raw$scldftp # Social club etc., last 12 months: participated
#
# ess_raw$othvftp # 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) %>%

```

```

    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
)

stflife.1 = lm(stflife ~ agea + ethnic + female + edu + eubirth + civix, data = ess_soc) # absolute level
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 level
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"))

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 level
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 (0.004)	−0.006* (0.004)	−0.005 (0.004)	−0.007* (0.004)
Ethnicity	−0.262*** (0.097)	−0.338*** (0.097)	−0.267*** (0.096)	−0.368*** (0.096)
Female	0.063 (0.087)	0.076 (0.087)	0.065 (0.087)	0.066 (0.087)
Education	0.098*** (0.030)	0.051* (0.030)	0.091*** (0.030)	0.063** (0.030)
Born in Europe	0.470*** (0.115)	0.267** (0.115)	0.451*** (0.116)	0.310*** (0.115)
CIVIX	−0.014 (0.018)	−0.022 (0.018)		
civix.d			−0.181 (0.112)	0.221** (0.111)
Constant	6.662*** (0.190)	−0.097 (0.189)	6.767*** (0.201)	−0.408** (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*** (0.004)	0.015*** (0.004)	0.015*** (0.004)	0.015*** (0.004)
Ethnicity	-0.045 (0.106)	-0.201** (0.101)	-0.029 (0.103)	-0.206** (0.099)
Female	0.075 (0.095)	0.111 (0.090)	0.101 (0.093)	0.108 (0.090)
Education	0.101*** (0.033)	-0.035 (0.031)	0.047 (0.033)	-0.031 (0.031)
Born in Europe	0.166 (0.125)	-0.134 (0.119)	0.012 (0.124)	-0.122 (0.120)
CIVIX	-0.029 (0.019)	-0.002 (0.018)		
civix.d			-1.152*** (0.119)	0.070 (0.115)
Constant	4.318*** (0.206)	-0.270 (0.196)	5.267*** (0.215)	-0.347* (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*** (0.003)	−0.013*** (0.003)	−0.013*** (0.003)	−0.013*** (0.003)
Ethnicity	−0.283*** (0.085)	−0.340*** (0.085)	−0.288*** (0.083)	−0.345*** (0.084)
Female	−0.018 (0.076)	−0.008 (0.076)	−0.017 (0.076)	−0.012 (0.076)
Education	0.094*** (0.026)	0.051** (0.026)	0.088*** (0.026)	0.060** (0.026)
Born in Europe	0.413*** (0.100)	0.267*** (0.100)	0.398*** (0.101)	0.291*** (0.101)
CIVIX	−0.011 (0.015)	0.002 (0.015)		
civix.d			−0.141 (0.097)	0.173* (0.097)
Constant	7.470*** (0.165)	0.234 (0.165)	7.553*** (0.175)	0.079 (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

```

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*** (0.001)	-0.004*** (0.001)	-0.004*** (0.001)	-0.004*** (0.001)
Ethnicity	0.040 (0.033)	0.032 (0.034)	0.053 (0.033)	0.046 (0.033)
Female	0.337*** (0.030)	0.345*** (0.030)	0.339*** (0.030)	0.349*** (0.030)
Education	-0.035*** (0.010)	-0.034*** (0.010)	-0.035*** (0.010)	-0.036*** (0.011)
Born in Europe	-0.055 (0.039)	-0.036 (0.040)	-0.059 (0.040)	-0.046 (0.040)
CIVIX	0.015** (0.006)	0.014** (0.006)		
civix.d			0.026 (0.038)	-0.019 (0.039)
Constant	2.033*** (0.065)	-0.051 (0.066)	2.079*** (0.069)	0.034 (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

```

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*** (0.001)	0.014*** (0.001)	0.014*** (0.001)	0.014*** (0.001)
Ethnicity	-0.032 (0.034)	0.023 (0.034)	-0.028 (0.034)	0.026 (0.033)
Female	0.095*** (0.031)	0.090*** (0.030)	0.093*** (0.031)	0.094*** (0.030)
Education	-0.050*** (0.011)	-0.027*** (0.010)	-0.043*** (0.011)	-0.035*** (0.011)
Born in Europe	-0.114*** (0.041)	-0.003 (0.040)	-0.096** (0.041)	-0.026 (0.040)
CIVIX	0.011* (0.006)	-0.004 (0.006)		
civix.d			0.157*** (0.039)	-0.165*** (0.039)
Constant	1.473*** (0.067)	-0.718*** (0.066)	1.375*** (0.071)	-0.579*** (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 + female + edu + eubirth + civix, data = ess_soc, family = "binomial") #
dscrgrp.2 = lm(dscrgrp.gap ~ agea + female + edu + eubirth + civix, data = ess_soc) # gap
dscrgrp.3 = glm(dscrgrp ~ agea + female + edu + eubirth + civix.d, data = ess_soc, family = "binomial")
dscrgrp.4 = lm(dscrgrp.gap ~ agea + 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", "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 <i>logistic</i> Abs. Level	dscrgrp.gap <i>OLS</i> Gap w/ Natives	dscrgrp <i>logistic</i>	dscrgrp.gap <i>OLS</i>
	(1)	(2)	(3)	(4)
Age	-0.003 (0.004)	-0.0003 (0.001)	-0.003 (0.004)	-0.0003 (0.001)
Female	-0.135 (0.093)	-0.023 (0.017)	-0.139 (0.093)	-0.023 (0.017)
Education	-0.195*** (0.032)	-0.038*** (0.006)	-0.179*** (0.033)	-0.036*** (0.006)
Born in Europe	-0.854*** (0.146)	-0.124*** (0.022)	-0.828*** (0.147)	-0.121*** (0.022)
CIVIX	0.044** (0.019)	0.005 (0.003)		
civix.d			0.398*** (0.131)	0.049** (0.021)
Constant	-0.431** (0.195)	0.342*** (0.036)	-0.590*** (0.213)	0.322*** (0.038)
Observations	2,624	2,624	2,624	2,624
R ²		0.039		0.040
Adjusted R ²		0.037		0.038
Log Likelihood	-1,412.667		-1,410.632	
Akaike Inf. Crit.	2,837.335		2,833.265	
Residual Std. Error (df = 2618)		0.425		0.425
F Statistic (df = 5; 2618)		21.056***		21.624***

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 = "b
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"))

pred.soc.dat = with(ess_soc, data.frame(agea = mean(agea, na.rm = T),
  ethnic = mean(ethnic, na.rm = T),
```

Table 17:

	language spoken at home			
	main.lan	lan.gap	main.lan	lan.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.010** (0.004)	0.002** (0.001)	0.010** (0.004)	0.002*** (0.001)
Ethnicity	-0.464*** (0.092)	-0.108*** (0.021)	-0.419*** (0.091)	-0.098*** (0.020)
Female	0.086 (0.084)	0.018 (0.019)	0.080 (0.084)	0.017 (0.019)
Education	-0.052* (0.029)	-0.012* (0.006)	-0.019 (0.029)	-0.005 (0.006)
Born in Europe	0.530*** (0.118)	0.107*** (0.025)	0.613*** (0.120)	0.123*** (0.025)
CIVIX	0.087*** (0.017)	0.019*** (0.004)		
civix.d			0.767*** (0.106)	0.176*** (0.024)
Constant	0.038 (0.183)	-0.457*** (0.041)	-0.280 (0.193)	-0.535*** (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

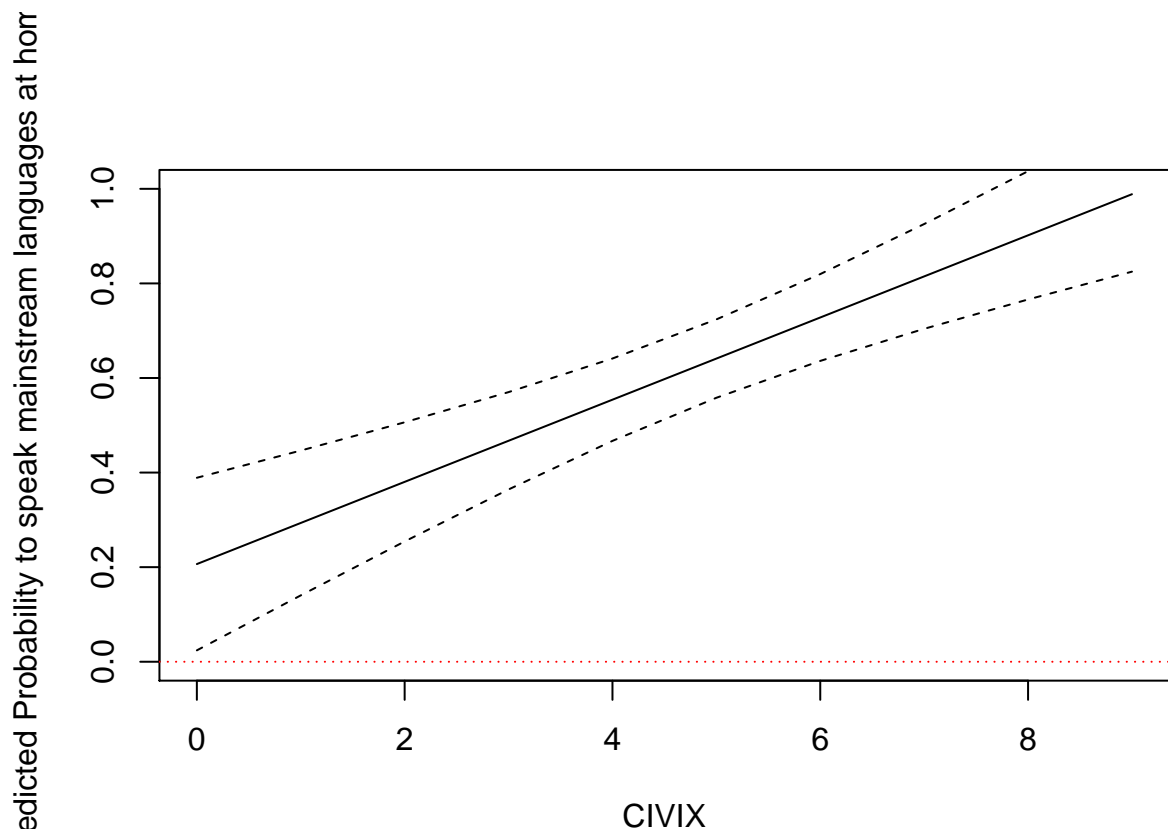
```

        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) %>%
  select(pdjobev, pdjobyr, emplno, wrkctr, jbspv, wkdcorga, wkhtot, skill, blue, contract, hinctnt, uemp3m, uemp12m, uemp5yr, soc.welfare, brwmny)
  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))

```

```

pdjobev.1 = glm(pdjobev ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial")
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 = "binomial")
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 level
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.empty.1 = glm(self.empty ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial")

# stargazer(self.empty.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 = "binomial")
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 = "binomial")
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)

```

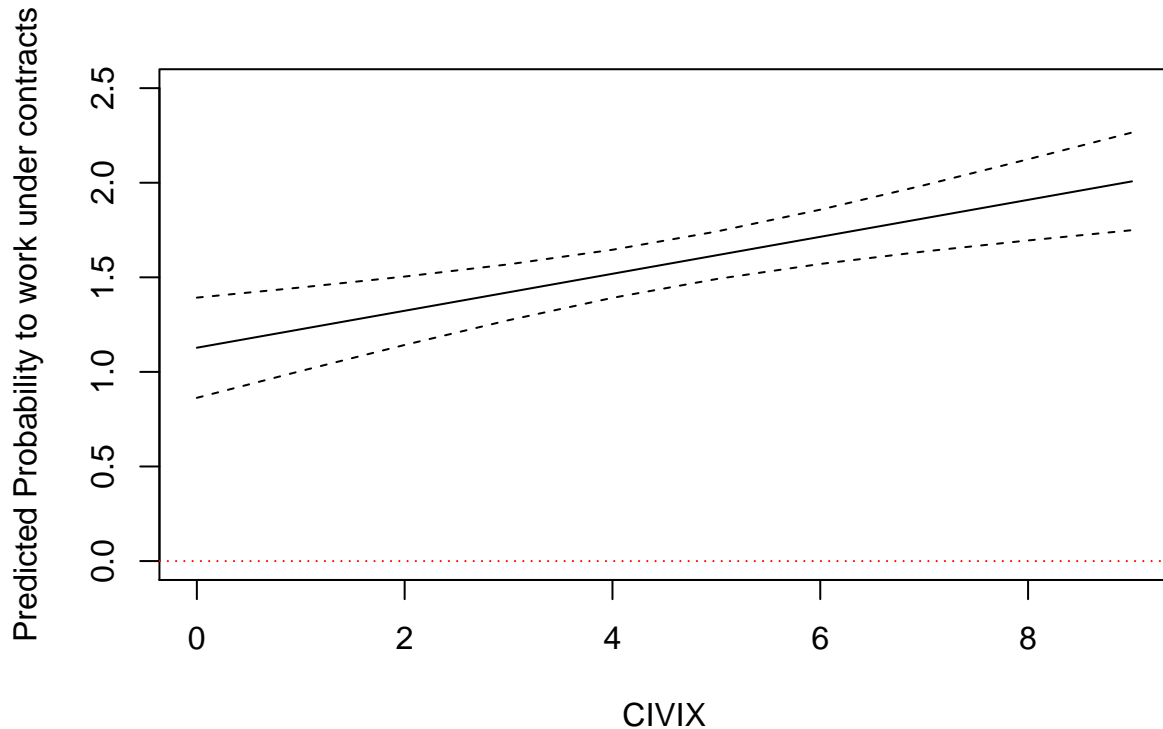
Table 18:

	working under contract			
	contract <i>logistic</i> Abs. Level (1)	contract.gap <i>OLS</i> Gap w/ Natives (2)	contract <i>logistic</i> (3)	contract.gap <i>OLS</i> (4)
Age	0.006 (0.006)	0.001 (0.001)	0.007 (0.006)	0.001 (0.001)
Ethnicity	-0.264* (0.136)	-0.014 (0.019)	-0.216 (0.134)	-0.015 (0.018)
Female	-0.138 (0.124)	-0.024 (0.016)	-0.152 (0.125)	-0.024 (0.016)
Education	0.234*** (0.043)	0.042*** (0.006)	0.284*** (0.045)	0.041*** (0.006)
Born in Europe	0.397** (0.180)	0.073*** (0.021)	0.512*** (0.184)	0.069*** (0.022)
CIVIX	0.098*** (0.026)	-0.002 (0.003)		
civix.d			0.866*** (0.149)	-0.033 (0.021)
Constant	0.242 (0.278)	-0.188*** (0.038)	-0.161 (0.292)	-0.166*** (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

```
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")
```



```
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 = "binomial")
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)
```


Table 19:

	working under contract			
	jbspv	jbspv.gap	jbspv	jbspv.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.018*** (0.005)	0.003*** (0.001)	0.018*** (0.005)	0.003*** (0.001)
Ethnicity	-0.046 (0.124)	-0.018 (0.019)	-0.063 (0.122)	-0.031 (0.019)
Female	-0.575*** (0.108)	-0.090*** (0.017)	-0.577*** (0.108)	-0.093*** (0.017)
Education	0.475*** (0.041)	0.064*** (0.006)	0.471*** (0.042)	0.064*** (0.006)
Born in Europe	0.367*** (0.127)	0.041* (0.022)	0.364*** (0.128)	0.047** (0.022)
CIVIX	-0.023 (0.021)	-0.014*** (0.003)		
civix.d			-0.111 (0.126)	-0.012 (0.022)
Constant	-3.259*** (0.267)	-0.276*** (0.039)	-3.257*** (0.277)	-0.329*** (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

```

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

stargazer(wkdorga.1, wkdorga.2, wkdorga.3, wkdorga.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 20:

	control over organization of daily work			
	wkdorga Abs. Level	wkdorga.gap Gap w/ Natives	wkdorga	wkdorga.gap
	(1)	(2)	(3)	(4)
Age	0.036*** (0.007)	0.036*** (0.007)	0.036*** (0.007)	0.035*** (0.007)
Ethnicity	-0.669*** (0.171)	-0.674*** (0.168)	-0.734*** (0.169)	-0.806*** (0.167)
Female	-0.088 (0.152)	-0.115 (0.150)	-0.109 (0.152)	-0.143 (0.151)
Education	0.642*** (0.053)	0.607*** (0.052)	0.658*** (0.054)	0.610*** (0.053)
Born in Europe	0.966*** (0.196)	0.954*** (0.193)	1.029*** (0.198)	1.006*** (0.196)
CIVIX	-0.062** (0.031)	-0.145*** (0.031)		
civix.d			0.233 (0.193)	-0.094 (0.191)
Constant	1.936*** (0.352)	-3.699*** (0.348)	1.423*** (0.375)	-4.270*** (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

```

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 level
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"))

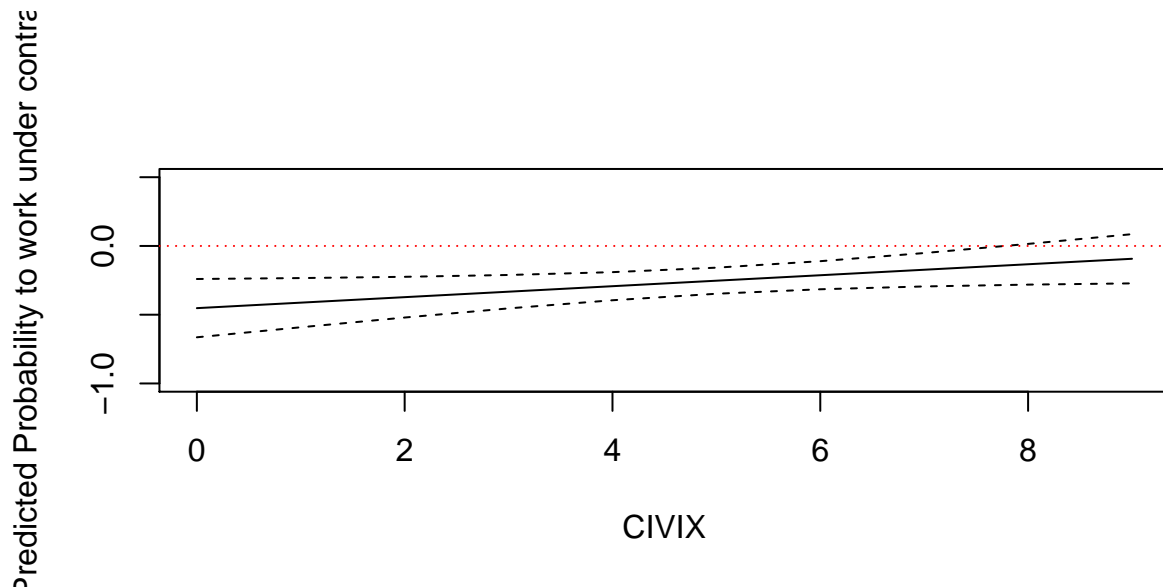
skill.1 = glm(skill ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses, family = "binomial")
skill.2 = lm(skill.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
skill.3 = glm(skill ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binomial")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

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")

```



```

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
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"),

```

Table 21:

	Skilled worker or not			
	skill	skill.gap	skill	skill.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	0.020*** (0.004)	0.004*** (0.001)	0.020*** (0.004)	0.004*** (0.001)
Ethnicity	-0.020 (0.108)	-0.003 (0.022)	0.001 (0.106)	-0.006 (0.022)
Female	-1.197*** (0.098)	-0.259*** (0.020)	-1.204*** (0.098)	-0.261*** (0.020)
Education	0.497*** (0.035)	0.106*** (0.007)	0.516*** (0.036)	0.109*** (0.007)
Born in Europe	0.522*** (0.122)	0.106*** (0.025)	0.565*** (0.124)	0.115*** (0.025)
CIVIX	0.040** (0.019)	-0.002 (0.004)		
civix.d			0.395*** (0.121)	0.049** (0.025)
Constant	-2.203*** (0.224)	-0.424*** (0.045)	-2.413*** (0.240)	-0.479*** (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

```
dep.var.caption = "Skilled worker or not",
column.labels = c("Abs. Level", "Gap w/ Natives"))
```

Table 22:

	Skilled worker or not			
	blue <i>logistic</i> Abs. Level (1)	blue.gap <i>OLS</i> Gap w/ Natives (2)	blue <i>logistic</i> (3)	blue.gap <i>OLS</i> (4)
Age	0.009* (0.005)	0.002* (0.001)	0.008* (0.005)	0.002** (0.001)
Ethnicity	-0.097 (0.113)	-0.001 (0.021)	-0.108 (0.111)	0.009 (0.020)
Female	-1.127*** (0.102)	-0.216*** (0.018)	-1.134*** (0.103)	-0.213*** (0.018)
Education	-0.650*** (0.038)	-0.119*** (0.006)	-0.641*** (0.038)	-0.120*** (0.007)
Born in Europe	-1.340*** (0.144)	-0.184*** (0.023)	-1.309*** (0.145)	-0.190*** (0.024)
CIVIX	-0.004 (0.021)	0.011*** (0.004)		
civix.d			0.164 (0.132)	0.003 (0.023)
Constant	2.464*** (0.236)	0.519*** (0.042)	2.290*** (0.251)	0.566*** (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

```
# 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"))

```

Table 23:

	Skilled worker or not			
	hinctnt Abs. Level	hinctnt.gap Gap w/ Natives	hinctnt	hinctnt.gap
	(1)	(2)	(3)	(4)
Age	0.009** (0.004)	0.009** (0.004)	0.009** (0.004)	0.009** (0.004)
Ethnicity	-0.254** (0.107)	-0.347*** (0.106)	-0.263** (0.106)	-0.399*** (0.104)
Female	-0.169* (0.097)	-0.213** (0.096)	-0.172* (0.097)	-0.224** (0.096)
Education	0.395*** (0.033)	0.340*** (0.033)	0.403*** (0.034)	0.349*** (0.033)
Born in Europe	0.763*** (0.127)	0.583*** (0.126)	0.779*** (0.128)	0.620*** (0.126)
CIVIX	-0.001 (0.019)	-0.048*** (0.019)		
civix.d			0.163 (0.121)	0.141 (0.120)
Constant	3.301*** (0.219)	-1.465*** (0.216)	3.143*** (0.230)	-1.826*** (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

```

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"))

```

Table 24:

	unemployed for three months			
	uemp3m <i>logistic</i> Abs. Level	uemp3m.gap <i>OLS</i> Gap w/ Natives	uemp3m <i>logistic</i>	uemp3m.gap <i>OLS</i>
	(1)	(2)	(3)	(4)
Age	0.011*** (0.004)	0.002*** (0.001)	0.011*** (0.004)	0.002*** (0.001)
Ethnicity	0.259*** (0.090)	0.073*** (0.021)	0.275*** (0.088)	0.077*** (0.021)
Female	-0.247*** (0.081)	-0.060*** (0.019)	-0.244*** (0.081)	-0.059*** (0.019)
Education	-0.057** (0.028)	-0.012* (0.007)	-0.056** (0.028)	-0.013** (0.007)
Born in Europe	-0.471*** (0.112)	-0.088*** (0.025)	-0.474*** (0.112)	-0.094*** (0.026)
CIVIX	0.020 (0.016)	0.003 (0.004)		
civix.d			0.051 (0.106)	-0.027 (0.025)
Constant	-0.528*** (0.177)	0.126*** (0.042)	-0.484** (0.188)	0.167*** (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

```

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 = "b
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"))

```

Table 25:

	unemployed for three months			
	uemp12m <i>logistic</i> Abs. Level	uemp12m.gap <i>OLS</i> Gap w/ Natives	uemp12m <i>logistic</i>	uemp12m.gap <i>OLS</i>
	(1)	(2)	(3)	(4)
Age	0.030*** (0.007)	0.007*** (0.002)	0.031*** (0.007)	0.007*** (0.002)
Ethnicity	0.269* (0.137)	0.067** (0.033)	0.335** (0.135)	0.081** (0.033)
Female	0.361*** (0.130)	0.074** (0.031)	0.365*** (0.130)	0.076** (0.031)
Education	-0.103** (0.045)	-0.025** (0.011)	-0.097** (0.045)	-0.024** (0.011)
Born in Europe	-0.035 (0.187)	0.017 (0.044)	-0.036 (0.187)	0.014 (0.045)
CIVIX	0.079*** (0.026)	0.016*** (0.006)		
civix.d			0.211 (0.174)	0.029 (0.041)
Constant	-1.662*** (0.301)	-0.345*** (0.070)	-1.516*** (0.319)	-0.304*** (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

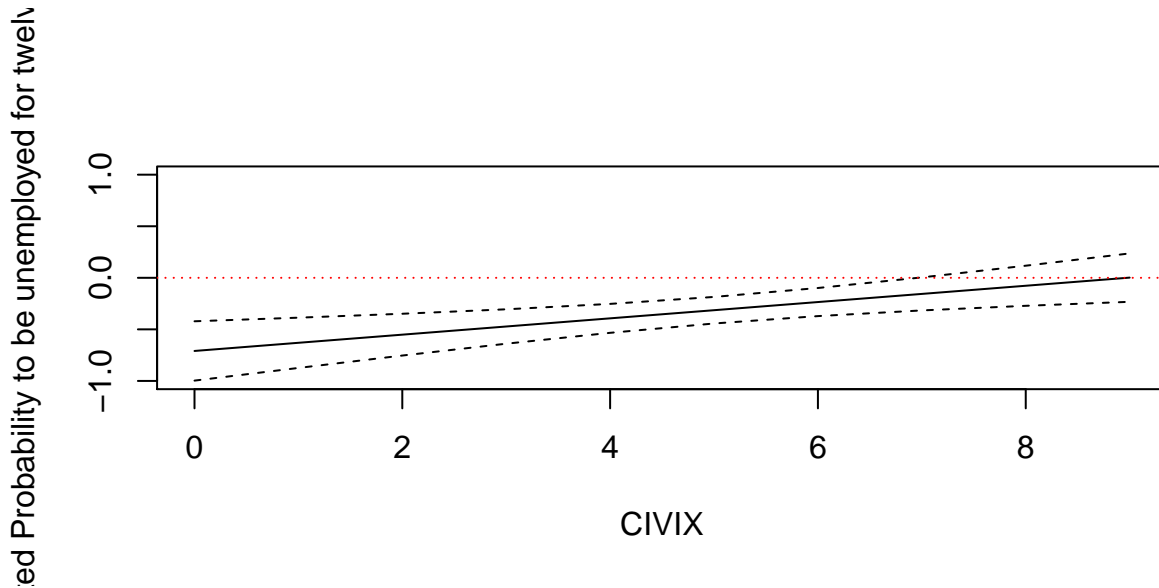


Figure 4: unemployed for twelve months

```

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 = "binomial")
uemp5yr.2 = lm(uemp5yr.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # gap
uemp5yr.3 = glm(uemp5yr ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binomial")
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))
#
#

```

Table 26:

	unemployed for five years			
	uemp5yr	uemp5yr.gap	uemp5yr	uemp5yr.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.022*** (0.007)	−0.004*** (0.001)	−0.024*** (0.007)	−0.004*** (0.001)
Ethnicity	0.287* (0.160)	0.065** (0.029)	0.235 (0.157)	0.062** (0.029)
Female	0.058 (0.147)	0.011 (0.028)	0.036 (0.147)	0.005 (0.028)
Education	−0.050 (0.050)	−0.006 (0.009)	−0.040 (0.051)	−0.001 (0.010)
Born in Europe	−0.229 (0.198)	−0.028 (0.039)	−0.188 (0.200)	−0.015 (0.039)
CIVIX	−0.046 (0.029)	0.001 (0.005)		
civix.d			0.110 (0.190)	0.087** (0.037)
Constant	2.189*** (0.338)	0.382*** (0.063)	1.899*** (0.355)	0.312*** (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

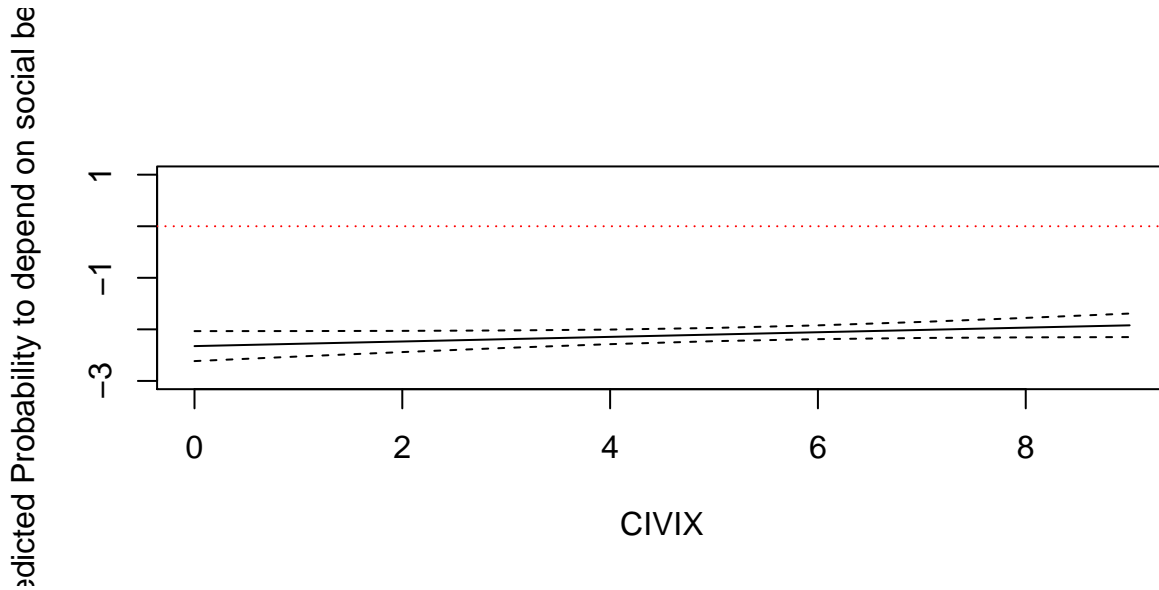


Figure 5: Depend on social benefits

```
# 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 = "binomial")
soc.welfare.2 = lm(soc.welfare.gap ~ agea + ethnic + female + edu + eubirth + civix, data = ess_ses) # absolute level
soc.welfare.3 = glm(soc.welfare ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses, family = "binomial")
soc.welfare.4 = lm(soc.welfare.gap ~ agea + ethnic + female + edu + eubirth + civix.d, data = ess_ses) # gap

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"))

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"),
```

Table 27:

	unemployed for five years			
	soc.welfare	soc.welfare.gap	soc.welfare	soc.welfare.gap
	<i>logistic</i>	<i>OLS</i>	<i>logistic</i>	<i>OLS</i>
	Abs. Level	Gap w/ Natives		
	(1)	(2)	(3)	(4)
Age	−0.007 (0.006)	−0.001 (0.001)	−0.007 (0.006)	−0.001 (0.001)
Ethnicity	0.527*** (0.134)	0.046*** (0.014)	0.594*** (0.133)	0.051*** (0.014)
Female	0.242* (0.128)	0.026** (0.012)	0.267** (0.128)	0.028** (0.012)
Education	−0.106** (0.043)	−0.017*** (0.004)	−0.146*** (0.044)	−0.019*** (0.004)
Born in Europe	0.016 (0.180)	−0.014 (0.016)	−0.123 (0.183)	−0.021 (0.017)
CIVIX	0.045* (0.026)	0.005** (0.003)		
civix.d			−0.674*** (0.153)	−0.023 (0.016)
Constant	−2.031*** (0.280)	0.084*** (0.027)	−1.188*** (0.287)	0.131*** (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

```
#      dep.var.caption = "Difficulty to borrow money",  
#      column.labels = c("Abs. Level", "Gap w/ Natives"))
```