

Anti-immigrant and CIVIX

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1/24/2020

Two-by-two table

```
t1 = ess_h.tenyr %>% group_by(cntry) %>% filter(anti1 > 2)
table(t1$cntry) # high CIVIX high anti-immigrant sentiments
```

```
##
## AT DE DK FR GB GR NL
## 128 285 107 155 368 350 170
```

```
t2 = ess_l.tenyr %>% group_by(cntry) %>% filter(anti1 > 2)
table(t2$cntry) # low CIVIX high anti-immigrant sentiments
```

```
##
## BE FI IE IT LU PT
## 216 88 690 16 278 242
```

```
t3 = ess_l.tenyr %>% group_by(cntry) %>% filter(anti1 < 2)
table(t3$cntry) # low CIVIX low anti-immigrant sentiments
```

```
##
## ES SE
## 530 177
```

```
t4 = ess_h.tenyr %>% group_by(cntry) %>% filter(anti3 > 5)
table(t4$cntry)
```

```
##
## AT DE DK FR GB GR NL
## 128 285 107 155 368 350 170
```

```
t5 = ess_l.tenyr %>% group_by(cntry) %>% filter(anti3 > 5)
table(t5$cntry)
```

```
##
## BE FI IE IT LU PT
## 216 88 690 16 278 242
```

```
t6 = ess_l.tenyr %>% group_by(cntry) %>% filter(anti3 < 5)
table(t6$cntry)
```

```
##
## ES SE
## 530 177
```

Interactions

Political Interests

```
summary(ess_tenyr$polintr) # political interests
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.   Max.    NA's  
##      1.000  2.000   3.000   2.777  4.000   4.000     25
```

```
summary(ess_tenyr$poli.gap) # gap with native citizens
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.   Max.    NA's  
## -2.0314 -0.5194  0.2885  0.1875  1.0166  1.6829     25
```

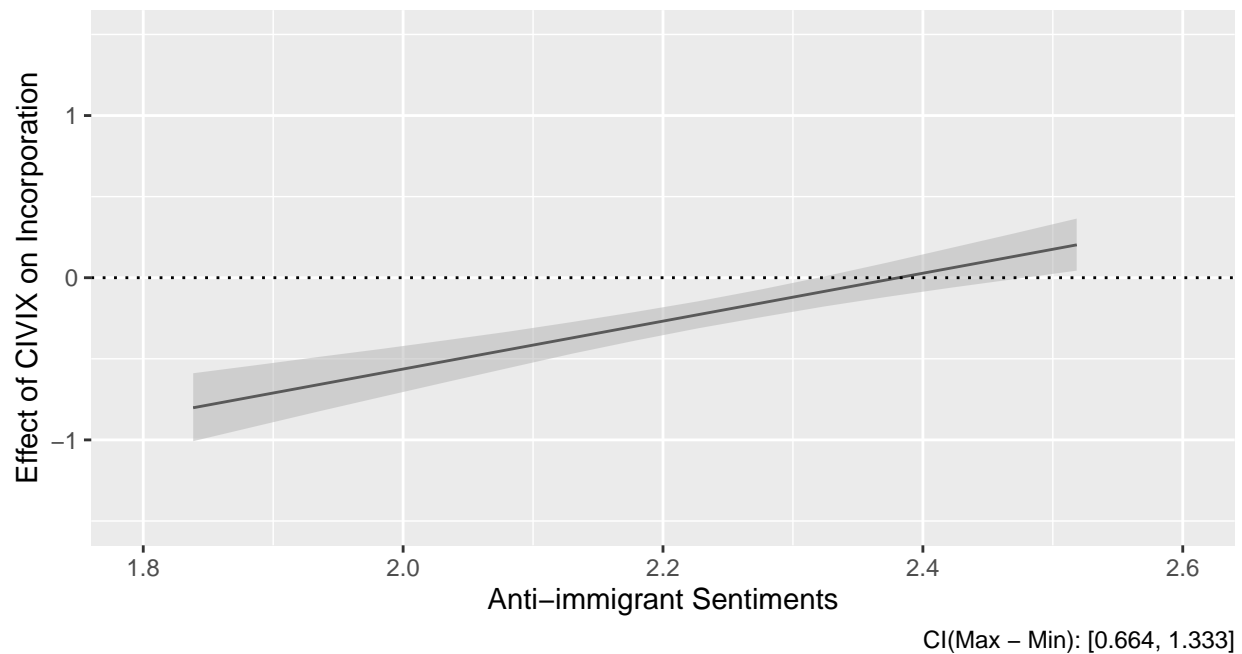


Figure 1: Effect of CIVIX conditional on Anti-immigrant Sentiments: Interests in Politics (Abs. Level)

Politics as Complicated

```
summary(ess_tenyr$polcmpl) # absolute level
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.   Max.    NA's  
##      1.000  2.000   3.000   3.217  4.000   5.000   1278
```

```
summary(ess_tenyr$polcmpl.gap) # gap w/natives
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.   Max.    NA's  
## -2.5385 -0.8931 -0.0183  0.1163  0.9817  2.1278   1278
```

Table 1:

	<i>Dependent variable:</i>	
	polintr (1)	poli.gap (2)
agea	−0.009*** (0.002)	−0.009*** (0.002)
ethnic	0.059 (0.040)	0.081** (0.039)
female	0.181*** (0.035)	0.181*** (0.034)
edu	−0.179*** (0.012)	−0.166*** (0.012)
eubirth	−0.110** (0.044)	−0.057 (0.043)
citizen	−0.087** (0.042)	−0.067 (0.041)
civix.d	−3.510*** (0.553)	−0.715 (0.549)
anti1	0.136 (0.139)	−0.113 (0.138)
civix.d:anti1	1.474*** (0.247)	0.318 (0.245)
Constant	3.351*** (0.303)	1.137*** (0.301)
Observations	2,776	2,776
R ²	0.139	0.102
Adjusted R ²	0.136	0.099
Residual Std. Error (df = 2766)	0.905	0.899
F Statistic (df = 9; 2766)	49.624***	34.795***
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

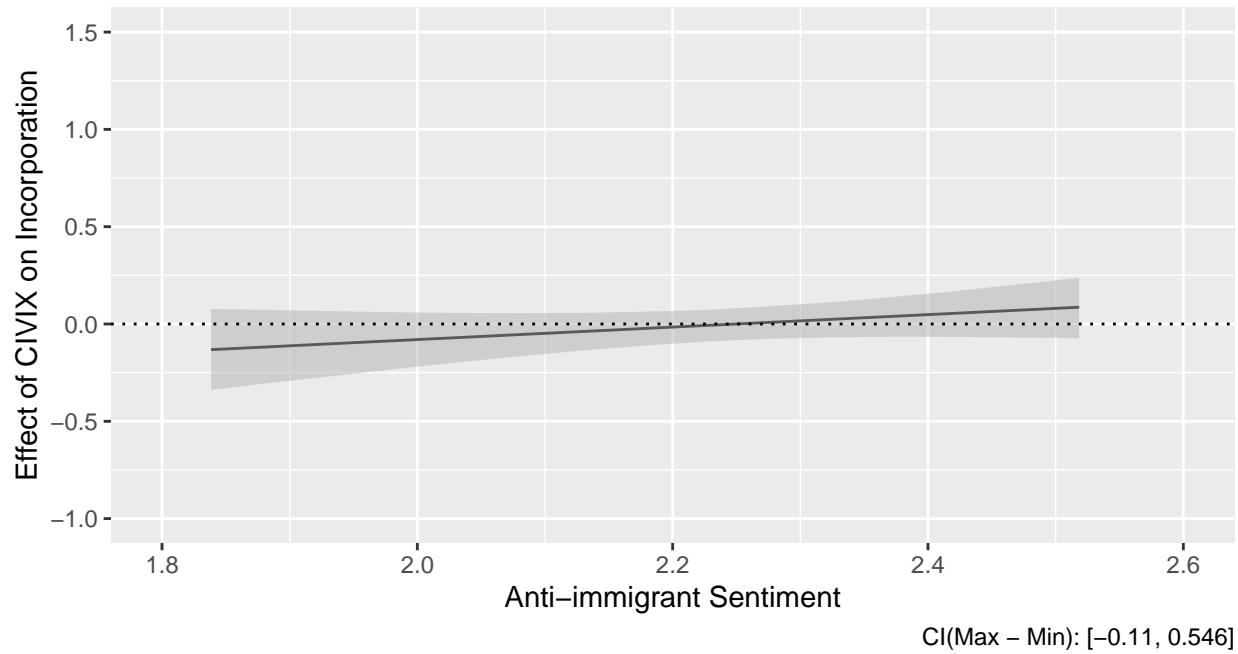


Figure 2: Effect of CIVIX conditional on Anti-immigrant Sentiments: Interests in Politics (Gap w/Natives)

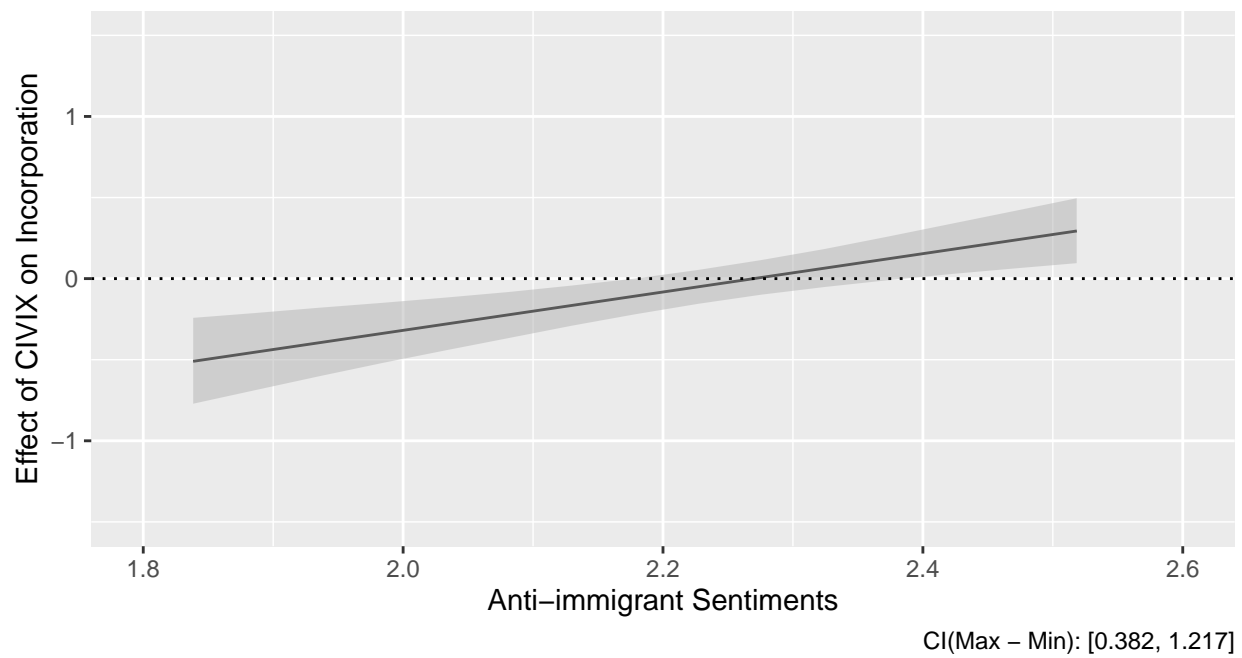


Figure 3: Effect of CIVIX conditional on Anti-immigrant Sentiments: Politics as Complicated (Abs. Level)

Table 2:

	<i>Dependent variable:</i>	
	polcmpl (1)	polcmpl.gap (2)
agea	−0.005** (0.002)	−0.005** (0.002)
ethnic	0.204*** (0.051)	0.210*** (0.051)
female	0.353*** (0.044)	0.343*** (0.044)
edu	−0.188*** (0.015)	−0.181*** (0.015)
eubirth	−0.225*** (0.055)	−0.175*** (0.056)
citizen	−0.018 (0.053)	−0.027 (0.053)
civix.d	−2.683*** (0.711)	−1.277* (0.713)
anti1	−0.154 (0.178)	−0.200 (0.179)
civix.d:anti1	1.181*** (0.317)	0.532* (0.318)
Constant	4.168*** (0.389)	1.148*** (0.390)
Observations	2,683	2,683
R ²	0.109	0.093
Adjusted R ²	0.106	0.090
Residual Std. Error (df = 2673)	1.140	1.144
F Statistic (df = 9; 2673)	36.459***	30.533***
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	

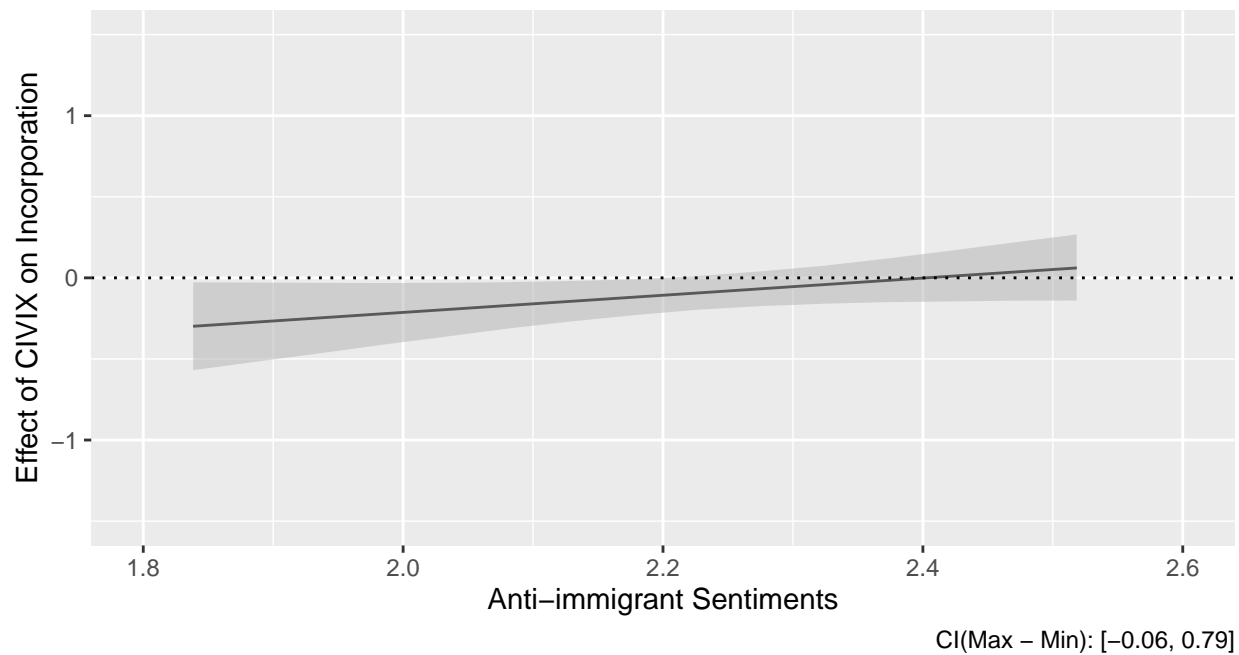


Figure 4: Effect of CIVIX conditional on Anti-immigrant Sentiments: Politics as Complicated (Gap w/Natives)

Difficulty in making political decisions

```
summary(ess_tenyr$poldcs) # absolute level
```

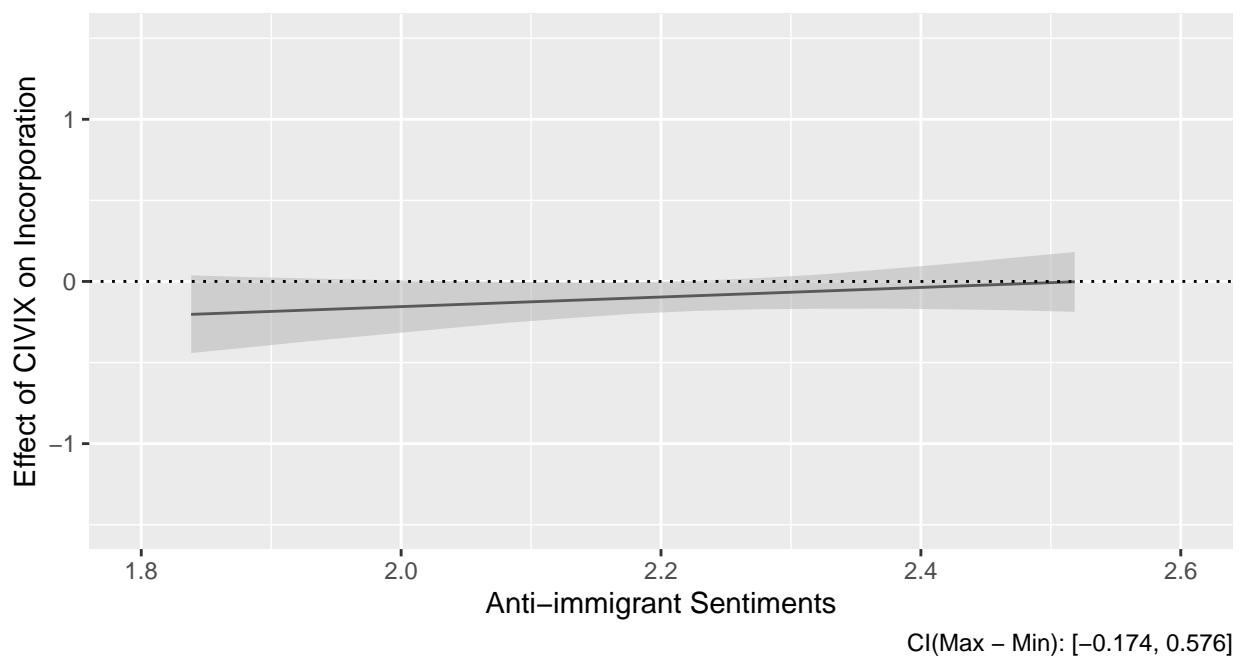
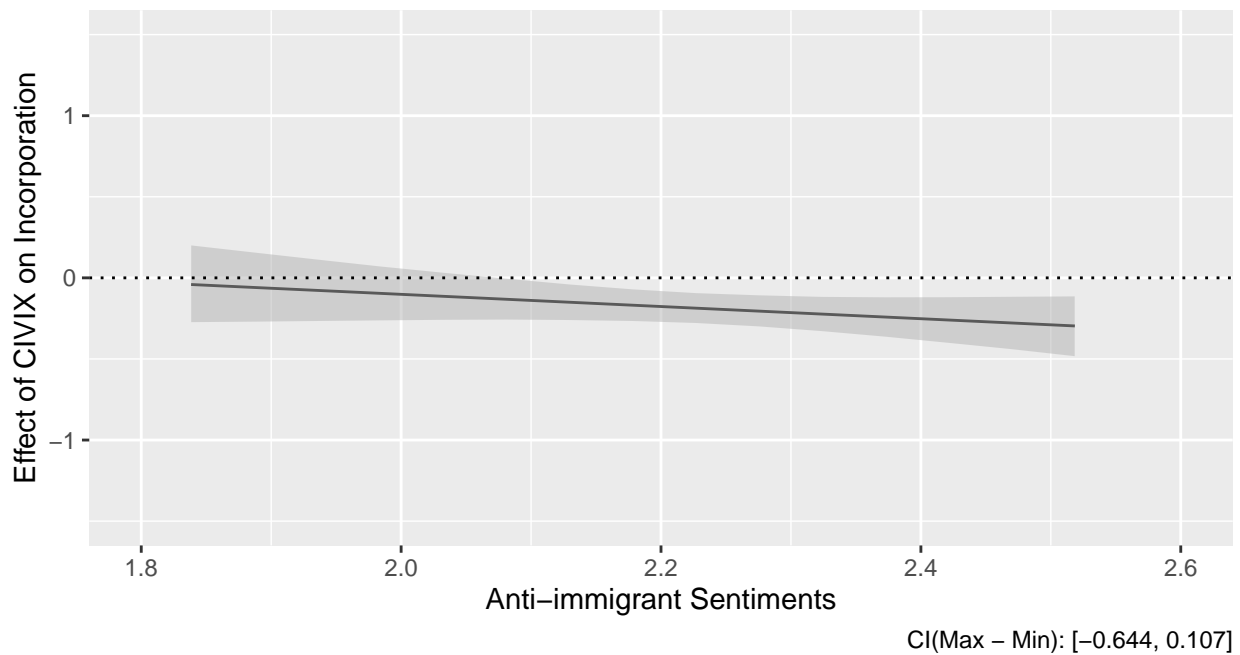
```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##  1.000  3.000   3.000  3.258  4.000   5.000   1291
```

```
summary(ess_tenyr$poldcs.gap)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
## -2.5302 -0.5302  0.0595  0.1824  0.9531  2.3333   1291
```

Table 3:

	<i>Dependent variable:</i>	
	poldcs (1)	poldcs.gap (2)
agea	−0.005*** (0.002)	−0.005*** (0.002)
ethnic	0.098** (0.045)	0.111** (0.046)
female	0.268*** (0.039)	0.263*** (0.039)
edu	−0.187*** (0.014)	−0.178*** (0.014)
eubirth	−0.281*** (0.049)	−0.267*** (0.050)
citizen	−0.075 (0.047)	−0.085* (0.047)
civix.d	0.654 (0.628)	−0.729 (0.631)
anti1	0.447*** (0.158)	0.036 (0.159)
civix.d:anti1	−0.377 (0.280)	0.288 (0.282)
Constant	3.106*** (0.346)	0.812** (0.347)
Observations	2,670	2,670
R ²	0.117	0.107
Adjusted R ²	0.114	0.104
Residual Std. Error (df = 2660)	1.008	1.013
F Statistic (df = 9; 2660)	39.048***	35.357***
<i>Note:</i>	*p<0.1; **p<0.05; ***p<0.01	



Employment status

```
summary(ess_tenyr$employ)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## 0.0000  1.0000  1.0000  0.9098  1.0000  1.0000
```

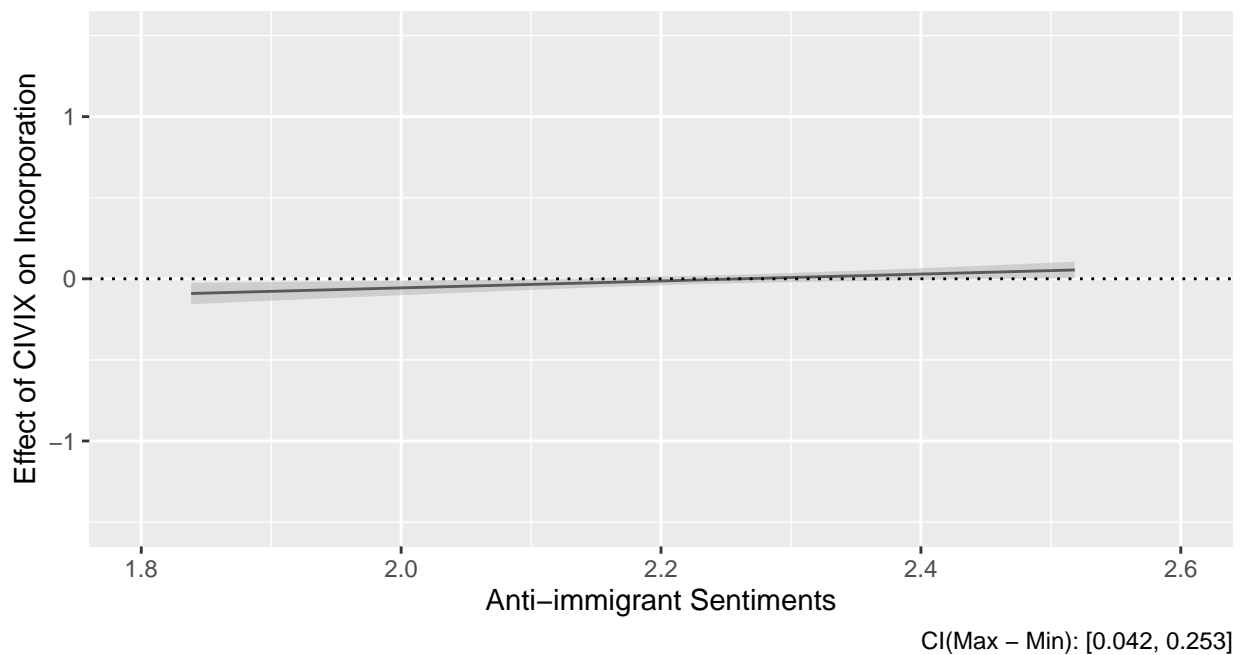
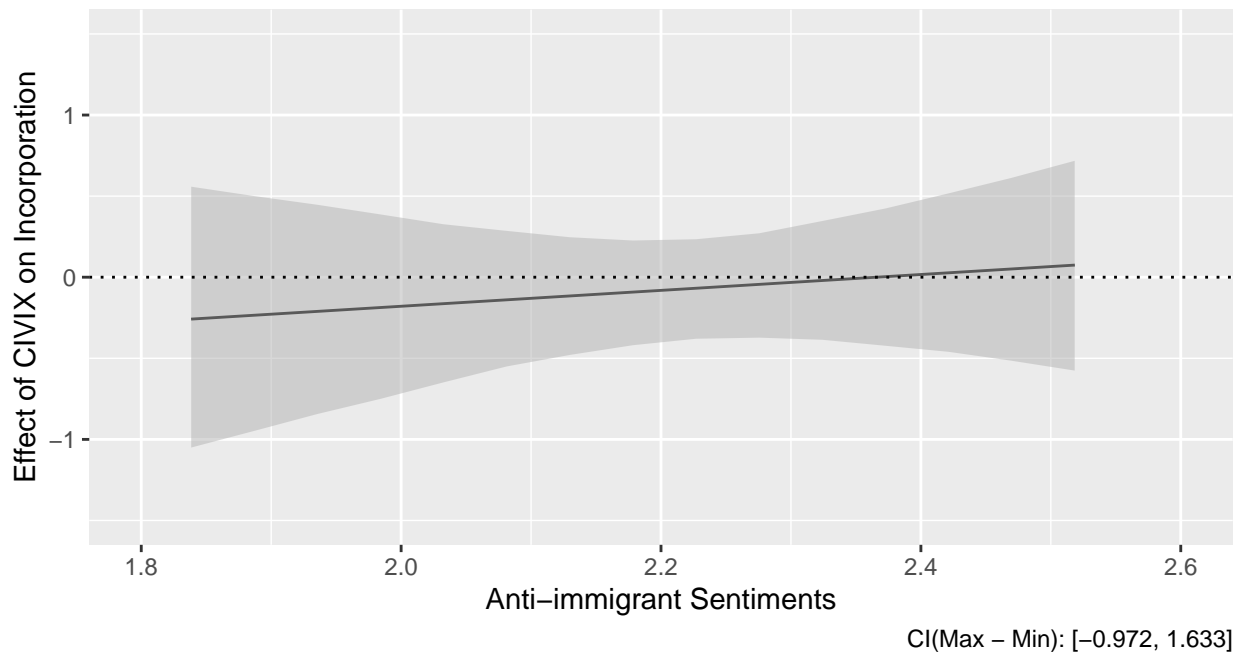
```
summary(ess_tenyr$employ.gap)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -0.98621  0.03096  0.05172 -0.02994  0.08309  0.10860
```



```
##
## Call:
## glm(formula = employ ~ agea + ethnic + female + edu + eubirth +
##       citizen + civix.d * anti1, family = "binomial", data = ess_tenyr)
##
## Deviance Residuals:
##      Min       1Q   Median       3Q      Max
## -2.3758   0.3900   0.4471   0.4701   0.5448
##
## Coefficients:
##              Estimate Std. Error z value Pr(>|z|)
## (Intercept)   1.423530   1.167978   1.219   0.2229
## agea          0.002363   0.005910   0.400   0.6893
## ethnic        0.019275   0.147565   0.131   0.8961
## female        0.098059   0.130648   0.751   0.4529
## edu           0.021917   0.044757   0.490   0.6244
## eubirth       0.364438   0.178231   2.045   0.0409 *
## citizen      -0.088817   0.153487  -0.579   0.5628
## civix.d      -1.131252   2.127318  -0.532   0.5949
## anti1         0.270939   0.539549   0.502   0.6156
## civix.d:anti1  0.478051   0.952965   0.502   0.6159
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for binomial family taken to be 1)
##
##      Null deviance: 1737.5  on 2786  degrees of freedom
## Residual deviance: 1728.7  on 2777  degrees of freedom
## (2325 observations deleted due to missingness)
## AIC: 1748.7
##
## Number of Fisher Scoring iterations: 5
##
## Call:
## lm(formula = employ.gap ~ agea + ethnic + female + edu + eubirth +
##     citizen + civix.d * anti1, data = ess_tenyr)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.98430   0.06692   0.09162   0.10907   0.15571
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.1712604  0.0974197   1.758   0.07886 .
## agea          0.0002882  0.0004954   0.582   0.56076
## ethnic        0.0010113  0.0127740   0.079   0.93690
## female        0.0090933  0.0111237   0.817   0.41373
## edu           0.0013797  0.0038055   0.363   0.71697
## eubirth       0.0186137  0.0140379   1.326   0.18496
## citizen      -0.0092840  0.0133478  -0.696   0.48677
## civix.d      -0.4779313  0.1777091  -2.689   0.00720 **
## anti1        -0.1019547  0.0446265  -2.285   0.02241 *
## civix.d:anti1  0.2113625  0.0792435   2.667   0.00769 **
```

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.2915 on 2777 degrees of freedom
## (2325 observations deleted due to missingness)
## Multiple R-squared:  0.004409,   Adjusted R-squared:  0.001182
## F-statistic: 1.366 on 9 and 2777 DF,  p-value: 0.1977
```



Subjective financial status

```
summary(ess_tenyr$hincfel)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
##    1.000  2.000  2.000  2.202  3.000  4.000   120
```

```
summary(ess_tenyr$hincfel.gap)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.   NA's
## -2.34211 -0.65651  0.07872  0.14518  0.90367  2.43568   120
```

```
hincfel.1 = lm(hincfel ~ agea + ethnic + female + edu + eubirth + citizen + civix.d*anti1, data = ess_tenyr)
summary(hincfel.1)
```

```
##
## Call:
## lm(formula = hincfel ~ agea + ethnic + female + edu + eubirth +
##      citizen + civix.d * anti1, data = ess_tenyr)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.04750 -0.57527 -0.08774  0.56305  2.52745
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   2.352990   0.276028   8.524 < 2e-16 ***
## agea          0.002580   0.001417   1.821  0.0688 .
## ethnic        0.226028   0.036411   6.208 6.20e-10 ***
## female        0.013362   0.031646   0.422  0.6729
## edu          -0.139462   0.010846 -12.859 < 2e-16 ***
## eubirth       -0.380721   0.039956  -9.528 < 2e-16 ***
## citizen       0.005188   0.038147   0.136  0.8918
## civix.d      -3.949437   0.501660  -7.873 4.98e-15 ***
## anti1         0.084767   0.126409   0.671  0.5025
## civix.d:anti1  1.752596   0.223785   7.832 6.86e-15 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.8186 on 2703 degrees of freedom
## (2399 observations deleted due to missingness)
## Multiple R-squared:  0.1735, Adjusted R-squared:  0.1707
## F-statistic: 63.04 on 9 and 2703 DF,  p-value: < 2.2e-16
hincfel.2 = lm(hincfel.gap ~ agea + ethnic + female + edu + eubirth + citizen + civix.d*anti1, data = ess_tenyr)
summary(hincfel.2)
```

```
##
## Call:
## lm(formula = hincfel.gap ~ agea + ethnic + female + edu + eubirth +
##      citizen + civix.d * anti1, data = ess_tenyr)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -2.09689 -0.58889 -0.06794  0.50447  2.52671
##
```

```
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)   0.314506   0.276421   1.138   0.2553
## agea          0.002403   0.001419   1.693   0.0905 .
## ethnic        0.249169   0.036462   6.834 1.02e-11 ***
## female        0.010613   0.031691   0.335   0.7377
## edu           -0.129147   0.010861 -11.891 < 2e-16 ***
## eubirth       -0.263569   0.040013  -6.587 5.37e-11 ***
## citizen       -0.026651   0.038201  -0.698   0.4855
## civix.d        0.772592   0.502374   1.538   0.1242
## anti1          0.078630   0.126589   0.621   0.5346
## civix.d:anti1 -0.357570   0.224103  -1.596   0.1107
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.8198 on 2703 degrees of freedom
## (2399 observations deleted due to missingness)
## Multiple R-squared:  0.1033, Adjusted R-squared:  0.1003
## F-statistic: 34.61 on 9 and 2703 DF,  p-value: < 2.2e-16
```

