Replication Code for 'The Role of Education in Shaping Political Participation Among Young Voters'

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Variable Recoding

Figure 1

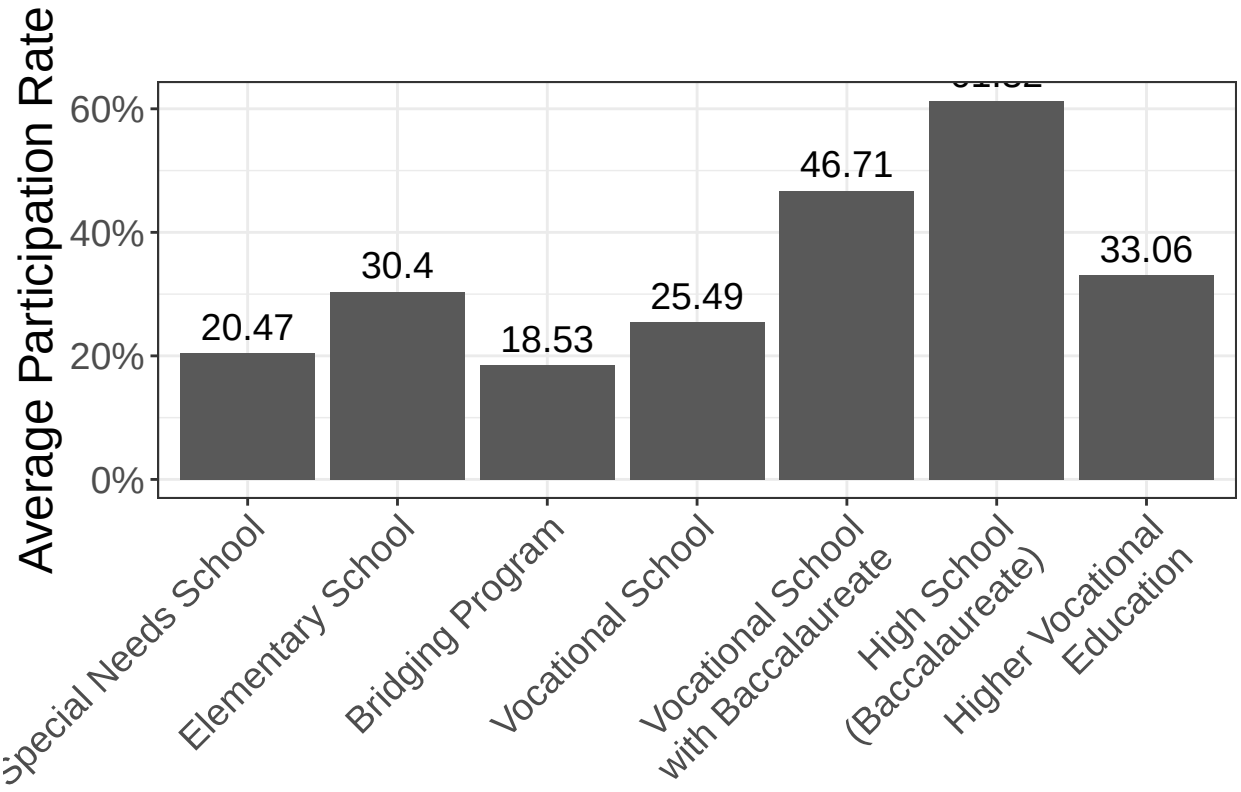
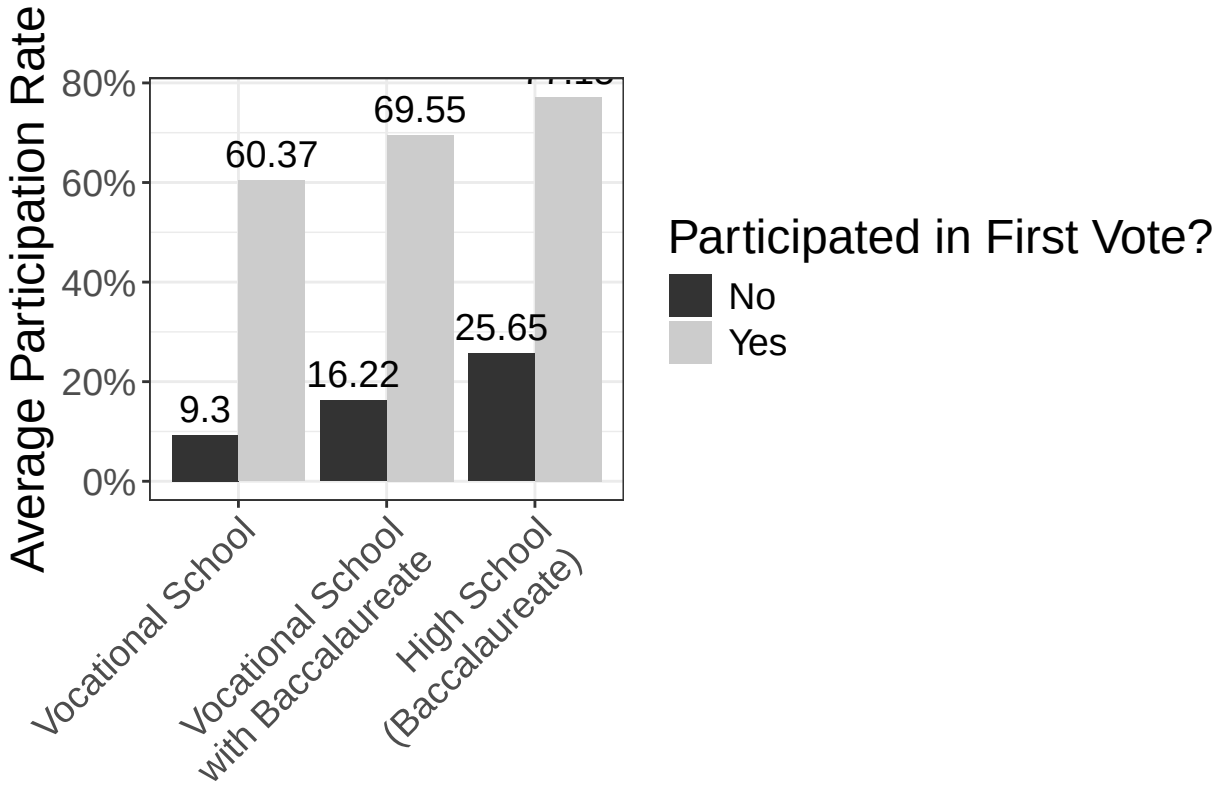


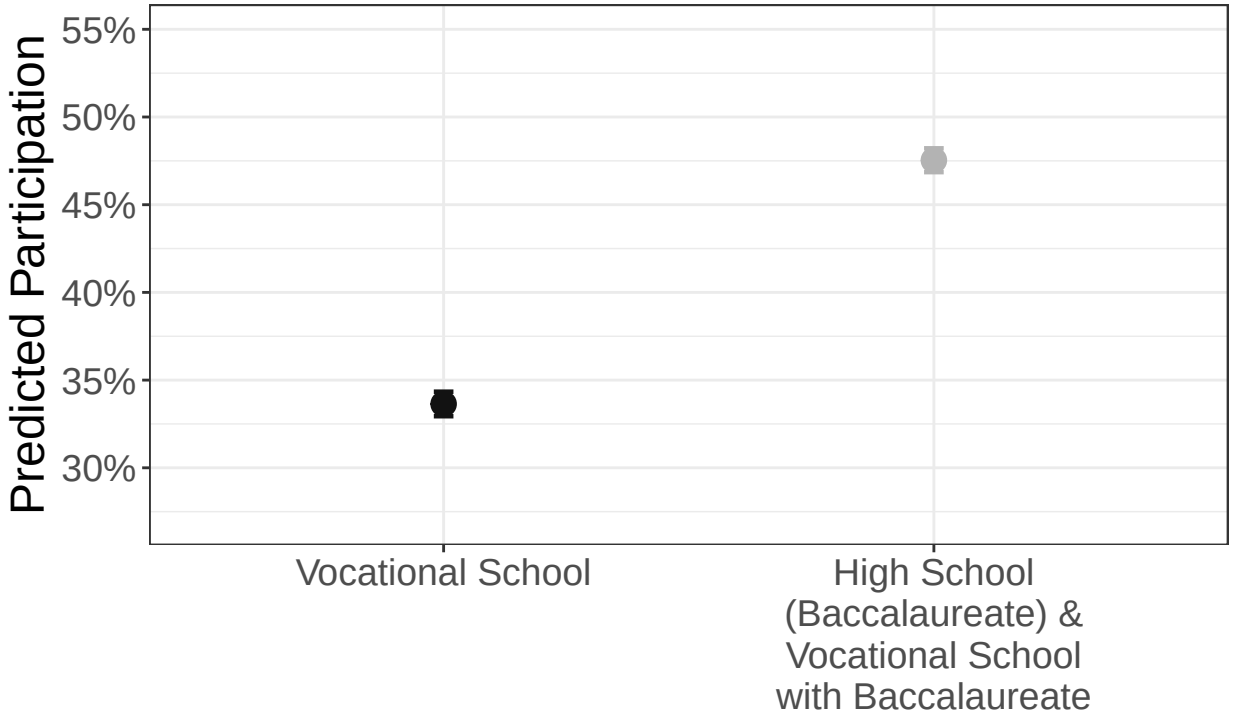
Figure 2

```
## `summarise()` has grouped output by 'schultyp_M_BM_B'. You can override using
## the `.groups` argument.
```

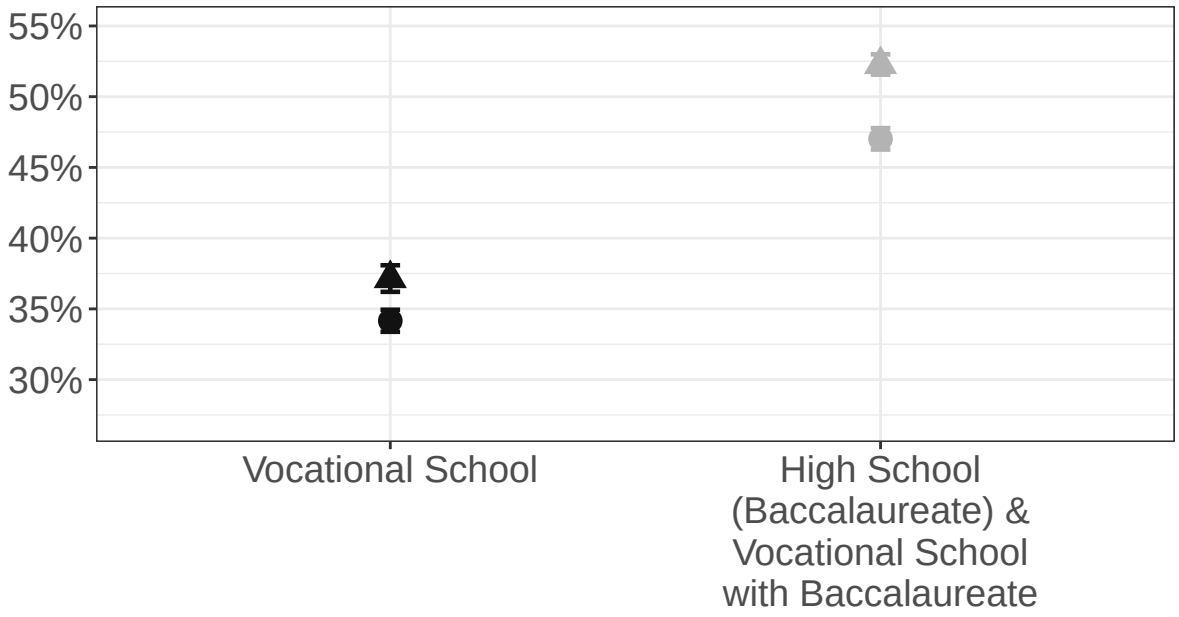


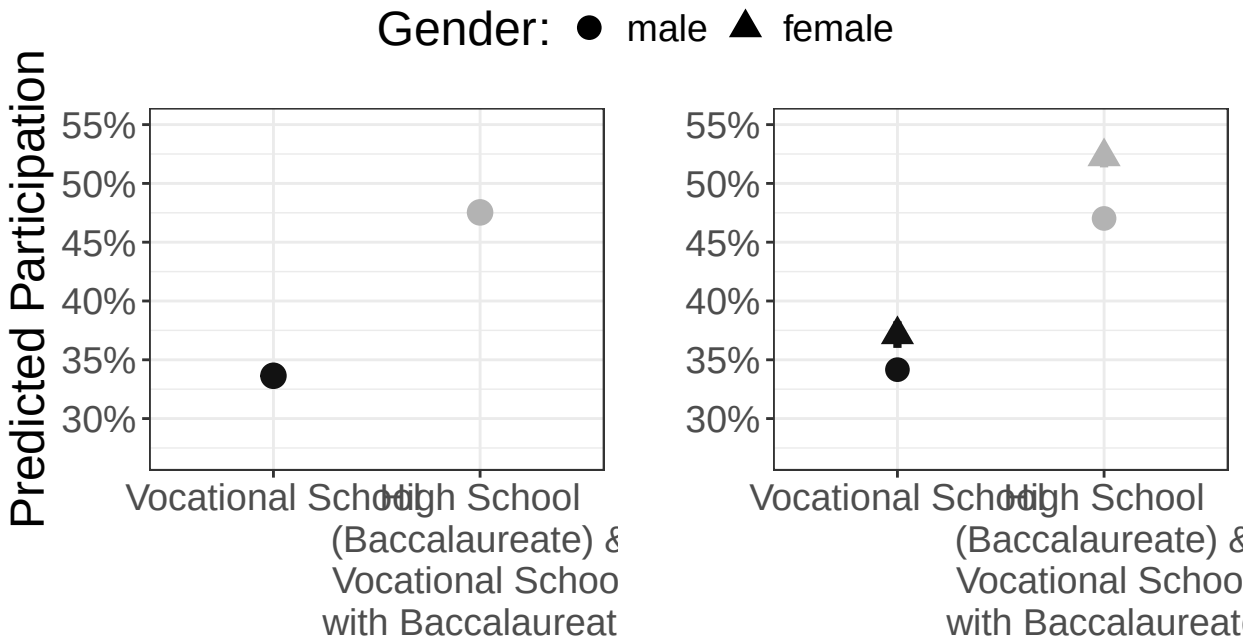
Regressionmodels

basic model

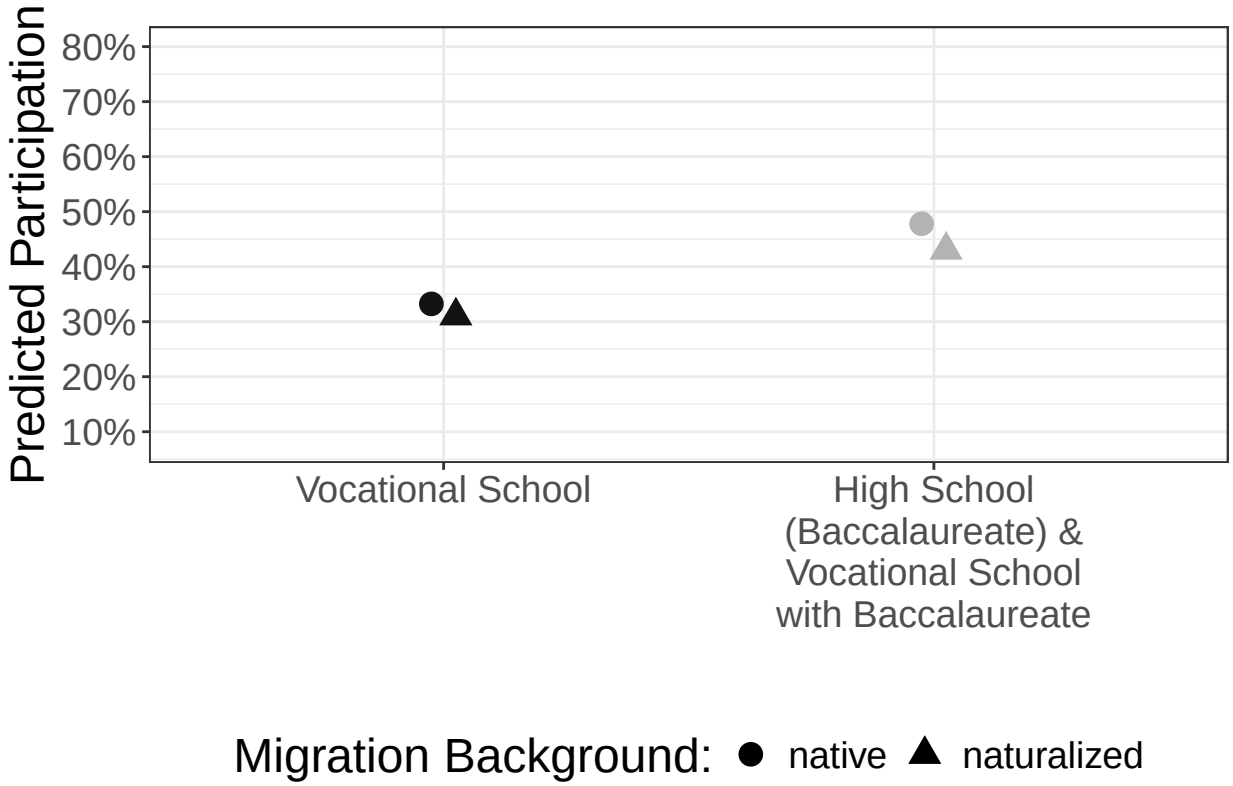


interaction model: educationXgender

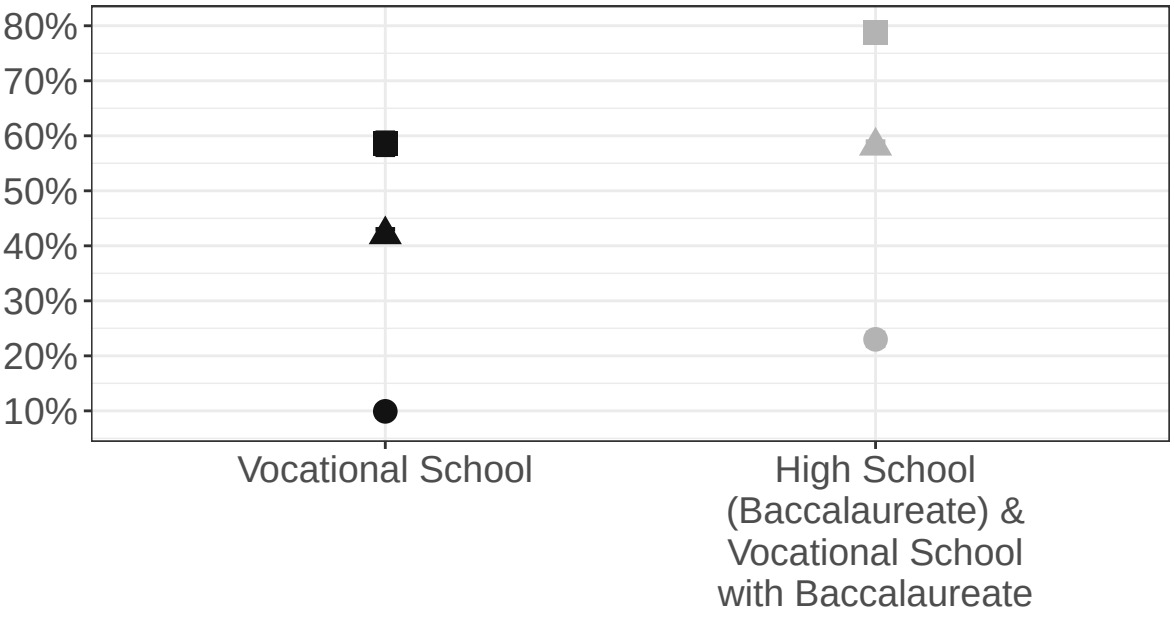


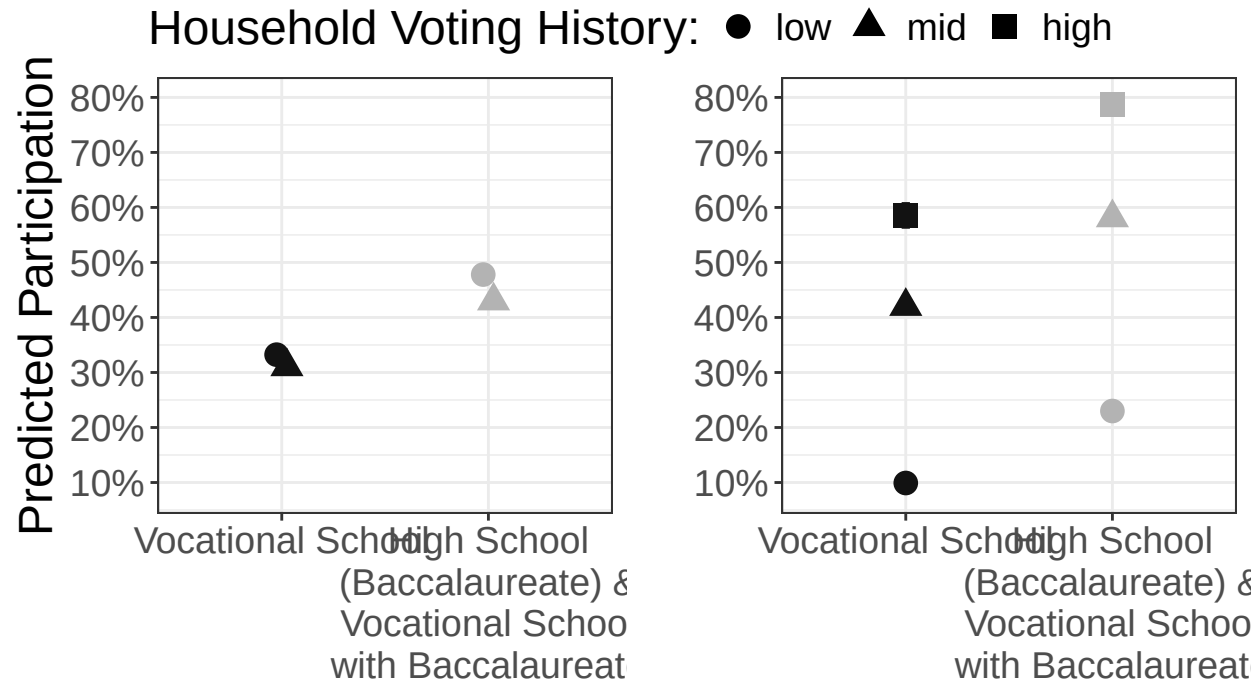


interaction model: educationXmigration



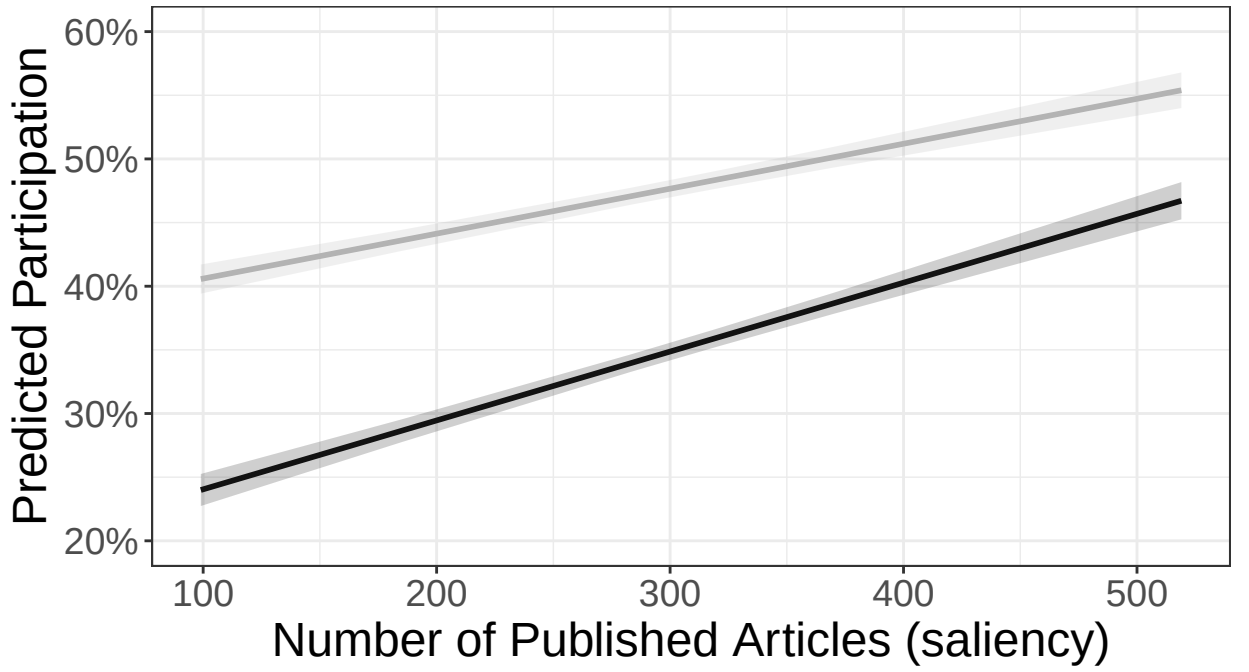
interaction model: educationXhousehold turnout





ration Background: na Household Voting History: low

interaction model: educationXsaliency



ack: Vocational School High School (Baccalaureate) & Vocational S

making Tables

summarystatistics

```
## \begin{table}[!htbp] \centering \renewcommand*{\arraystretch}{1.1}\caption{Summary Statistics}\resiz
## \begin{tabular}{lrrrrrrr}
## \hline
## \hline
## Variable & N & Mean & Std. Dev. & Min & Pctl. 25 & Pctl. 75 & Max \\
## \hline
## Education-Track & 60546 &  &  &  &  &  &  \\
## ... Vocational School & 27761 & 46\% &  &  &  &  &  \\
## ... High School (Baccalaureate) \& Vocational School with Baccalaureate & 32785 & 54\% &  &  &  &  &
## School Type & 68148 &  &  &  &  &  &  \\
## ... Special Needs School & 635 & 1\% &  &  &  &  &  \\
## ... Elementary School & 1684 & 2\% &  &  &  &  &  \\
## ... Bridging Program & 815 & 1\% &  &  &  &  &  \\
## ... Vocational School & 27761 & 41\% &  &  &  &  &  \\
## ... Vocational School with Baccalaureate & 13603 & 20\% &  &  &  &  &  \\
## ... High School (Baccalaureate) & 19182 & 28\% &  &  &  &  &  \\
## ... Higher Vocational Education & 4468 & 7\% &  &  &  &  &  \\
## Participated in First Vote & 12204 &  &  &  &  &  &  \\
## ... No & 6578 & 54\% &  &  &  &  &  \\
## ... Yes & 5626 & 46\% &  &  &  &  &  \\
## Gender & 72389 &  &  &  &  &  &  \\
## ... male & 37060 & 51\% &  &  &  &  &  \\
## ... female & 35329 & 49\% &  &  &  &  &  \\
```

Table 1: Summary Statistics

Variable	N	Mean	Std. Dev.	Min	Pctl. 25	P
Education-Track	60546					
... Vocational School	27761	46%				
... High School (Baccalaureate) & Vocational School with Baccalaureate	32785	54%				
School Type	68148					
... Special Needs School	635	1%				
... Elementary School	1684	2%				
... Bridging Program	815	1%				
... Vocational School	27761	41%				
... Vocational School with Baccalaureate	13603	20%				
... High School (Baccalaureate)	19182	28%				
... Higher Vocational Education	4468	7%				
Participated in First Vote	12204					
... No	6578	54%				
... Yes	5626	46%				
Gender	72389					
... male	37060	51%				
... female	35329	49%				
Migration Background	72389					
... native	51271	71%				
... naturalized	21118	29%				
Household Voting History (fct)	60620					
... low	22339	37%				
... mid	28801	48%				
... high	9480	16%				
Saliency	72389	285	121	99	185	3
Age	72389	21	2.1	18	20	2
Marital Status	72389					
... single	71399	99%				
... divorced	23	0%				
... married	967	1%				
... widowed	0	0%				
Household Voting History (num)	60620	0.37	0.29	0	0.077	0
Turnout per Municipality	72389	53	8.8	30	49	5

```
## Migration Background & 72389 &  &  &  &  &  &  \\
## ... native & 51271 & 71\% &  &  &  &  &  \\
## ... naturalized & 21118 & 29\% &  &  &  &  &  \\
## Household Voting History (fct) & 60620 &  &  &  &  &  &  \\
## ... low & 22339 & 37\% &  &  &  &  &  \\
## ... mid & 28801 & 48\% &  &  &  &  &  \\
## ... high & 9480 & 16\% &  &  &  &  &  \\
## Saliency & 72389 & 285 & 121 & 99 & 185 & 322 & 519 \\
## Age & 72389 & 21 & 2.1 & 18 & 20 & 23 & 26 \\
## Marital Status & 72389 &  &  &  &  &  &  \\
## ... single & 71399 & 99\% &  &  &  &  &  \\
## ... divorced & 23 & 0\% &  &  &  &  &  \\
## ... married & 967 & 1\% &  &  &  &  &  \\
## ... widowed & 0 & 0\% &  &  &  &  &  \\
## Household Voting History (num) & 60620 & 0.37 & 0.29 & 0 & 0.077 & 0.65 & 1 \\
## Turnout per Municipality & 72389 & 53 & 8.8 & 30 & 49 & 57 & 76\\
## \hline
## \hline
## \end{tabular}
## }
## \end{table}
```

Regressiontable

Regressiontable 2.0

```
##
## Regression Results
## ==========================================================================================
##
##                                                                  ---------------------------
##
##                                                                                (1)
## ------------------------------------------------------------------------------------------
## High School/Voc. School with Baccalaureate (ref: Voc. School)                  0.139***
##                                                                                (0.004)
## High School/Voc. School with Baccalaureate and Female
##
## High School/Voc. School with Baccalaureate and Naturalizes
##
## High School/Voc. School with Baccalaureate and High Household Turnout
##
## High School/Voc. School with Baccalaureate and Middle Household Turnout
##
## High School/Voc. School with Baccalaureate and Saliency
##
## Female                                                                         0.043***
##                                                                                (0.004)
## Naturalized                                                                   -0.034***
##                                                                                (0.005)
## High Household Turnout
##
## Middle Household Turnout
##
```

```
## Saliency
##
## Age                                                                                                  -0.009***
##                                                                                                       (0.001)
## Marital Status: Divorced (ref: single)                                                                -0.108
##                                                                                                       (0.143)
## Marital Status: Married (ref: single)                                                                 -0.040
##                                                                                                       (0.025)
## Household Turnout (numeric)                                                                          0.734***
##                                                                                                       (0.007)
## Turnout per Municipality
##
## Constant                                                                                             0.248***
##                                                                                                       (0.020)
## ---------------------------------------------------------------------------------------------------------------
## Observations                                                                                          51,532
## R2                                                                                                    0.257
## Adjusted R2                                                                                           0.256
## Residual Std. Error                                                                  0.428 (df = 51524)
## F Statistic                                                                 2,540.026*** (df = 7; 51524)
## ===============================================================================================================
## Note:
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Oct 21, 2025 - 09:36:25
## % Requires LaTeX packages: dcolumn
## \begin{table}[!htbp] \centering
##   \caption{Regression Results}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lD{.}{.}{-3} D{.}{.}{-3} D{.}{.}{-3} D{.}{.}{-3} D{.}{.}{-3} }
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{5}{c}{\textit{Dependent variable:}} \\
## \cline{2-6}
## \\[-1.8ex] & \multicolumn{5}{c}{Political Participation} \\
## \\[-1.8ex] & \multicolumn{1}{c}{(1)} & \multicolumn{1}{c}{(2)} & \multicolumn{1}{c}{(3)} & \multicolu
## \hline \\[-1.8ex]
##  High School/Voc. School with Baccalaureate (ref: Voc. School) & 0.139^{***} & 0.129^{***} & 0.146^{*
##   & (0.004) & (0.005) & (0.005) & (0.007) & (0.010) \\
##   High School/Voc. School with Baccalaureate and Female &  & 0.023^{***} &  &  &  \\
##   &  & (0.008) &  &  &  \\
##   High School/Voc. School with Baccalaureate and Naturalizes &  &  & -0.026^{***} &  &  \\
##   &  &  & (0.009) &  &  \\
##   High School/Voc. School with Baccalaureate and High Household Turnout &  &  &  & 0.071^{***} &  \\
##   &  &  &  & (0.013) &  \\
##   High School/Voc. School with Baccalaureate and Middle Household Turnout &  &  &  & 0.030^{***} &
##   &  &  &  & (0.009) &  \\
##   High School/Voc. School with Baccalaureate and Saliency &  &  &  &  & -0.0002^{***} \\
##   &  &  &  &  & (0.00003) \\
##   Female & 0.043^{***} & 0.030^{***} & 0.043^{***} & 0.043^{***} & 0.044^{***} \\
##   & (0.004) & (0.006) & (0.004) & (0.004) & (0.004) \\
##   Naturalized & -0.034^{***} & -0.034^{***} & -0.022^{***} & -0.047^{***} & -0.035^{***} \\
##   & (0.005) & (0.005) & (0.006) & (0.005) & (0.004) \\
```

```
##   High Household Turnout &  &  &  & 0.486^{***} &  \\
##   &  &  &  & (0.011) &  \\
##   Middle Household Turnout &  &  &  & 0.321^{***} &  \\
##   &  &  &  & (0.006) &  \\
##   Saliency &  &  &  &  & 0.001^{***} \\
##   &  &  &  &  & (0.00003) \\
##   Age & -0.009^{***} & -0.009^{***} & -0.009^{***} & -0.008^{***} & -0.002^{**} \\
##   & (0.001) & (0.001) & (0.001) & (0.001) & (0.001) \\
##   Marital Status: Divorced (ref: single) & -0.108 & -0.102 & -0.112 & -0.071 & -0.118 \\
##   & (0.143) & (0.143) & (0.143) & (0.145) & (0.140) \\
##   Marital Status: Married (ref: single) & -0.040 & -0.036 & -0.041 & -0.029 & -0.031 \\
##   & (0.025) & (0.025) & (0.025) & (0.026) & (0.025) \\
##   Household Turnout (numeric) & 0.734^{***} & 0.734^{***} & 0.734^{***} &  & 0.722^{***} \\
##   & (0.007) & (0.007) & (0.007) &  & (0.007) \\
##   Turnout per Municipality &  &  &  &  & 0.004^{***} \\
##   &  &  &  &  & (0.0003) \\
##   Constant & 0.248^{***} & 0.253^{***} & 0.245^{***} & 0.273^{***} & -0.257^{***} \\
##   & (0.020) & (0.020) & (0.020) & (0.021) & (0.025) \\
##  \hline \\[-1.8ex]
## Observations & \multicolumn{1}{c}{51,532} & \multicolumn{1}{c}{51,532} & \multicolumn{1}{c}{51,532} &
## R$^{2}$ & \multicolumn{1}{c}{0.257} & \multicolumn{1}{c}{0.257} & \multicolumn{1}{c}{0.257} & \multi
## Adjusted R$^{2}$ & \multicolumn{1}{c}{0.256} & \multicolumn{1}{c}{0.257} & \multicolumn{1}{c}{0.257}
## Residual Std. Error & \multicolumn{1}{c}{0.428 (df = 51524)} & \multicolumn{1}{c}{0.428 (df = 51523)
## F Statistic & \multicolumn{1}{c}{2,540.026$^{***}$ (df = 7; 51524)} & \multicolumn{1}{c}{2,223.942$^
## \hline
## \hline \\[-1.8ex]
## \textit{Note:}  & \multicolumn{5}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
## \end{tabular}
## \end{table}
```