Replication of Satyanath, Voigtländer, and Voth (2017)

Load in the data:

```
nazi_data = read_dta("../datasets/4-satyanath-voigtlander-voth/Dataset_Bowling_Replication_J
```

Generate relevant variables:

The following code reproduces Column 1 of Panel B of Table 4. The first equation follows Satyanath et al., the second introduces share Protestant as an additional control. The final equation reproduces Column 3 of the same panel as a median regression.

```
landweimar = nazi_int |> pull(landweimar)
mod1 = lm(pcNSentry_std ~ clubs_all_pc + lnpop25 + share_cath25 + bcollar25,
          data = nazi int)
rob1 = coeftest(mod1, vcov = vcovCL(mod1, cluster = landweimar))[, "Std. Error"]
mod2 = lm(pcNSentry_std ~ clubs_all_pc + lnpop25 + share_cath25 + bcollar25 +
            share_prot25,
          data = nazi int)
rob2 = coeftest(mod2, vcov = vcovCL(mod2, cluster = landweimar))[, "Std. Error"]
mod3 = rq(pcNSentry_std ~ clubs_all_pc + lnpop25 + share_cath25 + bcollar25,
          data = nazi_int)
summary(mod3, se = "boot", R = 1000)
Call: rq(formula = pcNSentry_std ~ clubs_all_pc + lnpop25 + share_cath25 +
    bcollar25, data = nazi_int)
tau: [1] 0.5
Coefficients:
                     Std. Error t value Pr(>|t|)
            Value
(Intercept) -0.83010 0.72666 -1.14234 0.25454
clubs_all_pc 0.07130 0.05635 1.26550 0.20702
lnpop25
             0.16657 0.05813 2.86522 0.00457
share_cath25 -0.89615 0.18599 -4.81839 0.00000
bcollar25
            -2.27175 0.41413
                                -5.48564 0.00000
```

Extract first principal component of government stability measures. I recoded the value representing the percentage of time a state was governed by at least one party from the 'Weimar coalition' (SPD, DDP, Zentrum) from 0 to 1 for Bavaria to reflect the agreement between the BVP and Zentrum.

The following regressions replicate Columns 3 and 4 of Table 7. I report two possible specifications: in the first two regressions, the non-Prussian state with the median principal component value is coded as stable, while in the next two, it is coded as unstable.

The following code replicates Column 5 of Table 7. Instead of treating pc1 as a binary indicator, I keep it as a continuous variable and report the results.

t test of coefficients:

```
Estimate Std. Error t value Pr(>|t|)

(Intercept) -0.894277    1.006652 -0.8884   0.37656

clubs_all_pc   0.176490   0.053066   3.3259   0.00125 **

share_cath25 -1.129235   0.548408 -2.0591   0.04219 *

lnpop25   0.143411   0.057288   2.5033   0.01399 *

bcollar25   -0.652492   0.482408 -1.3526   0.17937

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Signif. codes: 0 '***' 0.001 '**' 0.05 '.' 0.1 ' ' 1
```