My document

First Extract the Data from the World Bank API using an R Script.

**Extract**

source("load\_worldbank.R")

Installing package into '/usr/local/lib/R/site-library'  
(as 'lib' is unspecified)  
Installing package into '/usr/local/lib/R/site-library'  
(as 'lib' is unspecified)

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':  
  
 filter, lag

The following objects are masked from 'package:base':  
  
 intersect, setdiff, setequal, union

[1] "Script is pulling 10 countries: FRA, DEU, HUN, ITA, POL, ESP, SWE, NLD, NOR, DNK"  
[1] "Script is pulling 4 World Bank Indicators: SL.UEM.TOTL.ZS, SI.POV.GINI, NY.GDP.PCAP.PP.KD, SM.POP.NETM"  
[1] "There are 10 Countries in the wb\_data.csv: Denmark, France, Germany, Hungary, Italy, Netherlands, Norway, Poland, Spain, Sweden"  
[1] "All Years in the wb\_data.csv 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022"

**Transform**

Use Python for Data Engineering and Data Cleaning.

exec(open("transform\_merge\_data\_.py").read())

Status:Merged Together World Bank and EVS data  
Here are the Country and Year Values we will be studying: [['Denmark', 'France', 'Germany', 'Hungary', 'Italy', 'Netherlands', 'Norway', 'Poland', 'Spain', 'Sweden'], [1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022]]  
Last Dataset, Manifesto Project will be merged with World Bank and EVS Data  
Status: Merged Manifesto Project with World Bank and EVS Data  
These are the countries and years in the final merged\_dataframe [['Denmark', 'France', 'Germany', 'Hungary', 'Italy', 'Netherlands', 'Norway', 'Poland', 'Spain', 'Sweden'], [1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022]]  
Saving Final Merged Dataframe to csv: merged\_mpd.csv  
  
<string>:12: SettingWithCopyWarning:   
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row\_indexer,col\_indexer] = value instead  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy  
<string>:15: SettingWithCopyWarning:   
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row\_indexer,col\_indexer] = value instead  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy  
<string>:55: SettingWithCopyWarning:   
A value is trying to be set on a copy of a slice from a DataFrame  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy  
<string>:56: SettingWithCopyWarning:   
A value is trying to be set on a copy of a slice from a DataFrame.  
Try using .loc[row\_indexer,col\_indexer] = value instead  
  
See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy

merged\_mpd <- read.csv("merged\_mpd.csv")

Country and Partynames,

| Country | New Radical Right Party |
| --- | --- |
| Denmark | Danish People’s Party |
| France | National Front |
| Germany | Alternative for Germany |
| Hungary | Fidesz |
| Italy | Brothers of Italy |
| Italy | Northern League |
| Norway | Progress Party |
| Poland | Law and Justice Party |
| Sweden | Sweden Democrats |

Create Dummy Variables for each New Radical Right Party.

## Dummy Variable for National Front, France's NRR Party.  
merged\_mpd$nf\_dummy <- ifelse(merged\_mpd$partyname == "National Front", 1, 0)

## Dummy Variable for Alternative for Germany, Germany's NRR Party.  
merged\_mpd$afd <- ifelse(merged\_mpd$partyname == "Alternative for Germany", 1, 0)

## Dummy Variable for Voice(Vox), Spain's NRR Party.  
merged\_mpd$spain\_dummy <- ifelse(merged\_mpd$partyname == "Voice", 1, 0)

## Dummy Variable for Danish People's Party, Denmark's NRR Party.  
merged\_mpd$dk\_dummy <- ifelse(merged\_mpd$partyname == "Danish People’s Party", 1, 0)

## Dummy Variable for Sweden Democrats, Sweden's NRR Party.  
merged\_mpd$sd\_dummy <- ifelse(merged\_mpd$partyname == "Sweden Democrats", 1, 0)

## Dummy Variable for Law and Justice, Poland's NRR Party.  
merged\_mpd$pd\_dummy <- ifelse(merged\_mpd$partyname == "Law and Justice", 1, 0)

## Dummy Variable for Progress Party, Norway's NRR Party.  
merged\_mpd$pp\_dummy <- ifelse(merged\_mpd$partyname == "Progress Party", 1, 0)

## Italy has Two New Radical Right Parties, Brothers of Italy is the Party of the current far-right Prime Minister, Meloni but the Northern League is also a Coaltion Party and has been aroudn longer..  
merged\_mpd$brothers\_of\_italy <- ifelse(merged\_mpd$partyname == "Brothers of Italy", 1, 0)  
merged\_mpd$nord\_league <- ifelse(merged\_mpd$partyname == "Northern League", 1, 0)

## Fidesz has had multiple Coaltions with different Parties, so a dummy value for Each Coalition name. This is relevant as Fidesz started off as a Classcially Liberal Party but has since moved to the Far-Right. fidesz\_hdfa is the current Coalition Party of Fidesz and is the Far-Right Party used as comparsion against their fellow NRR counterparts.  
merged\_mpd$fidesz\_cdp <- ifelse(merged\_mpd$partyname == "Alliance of Federation of Young Democrats - Hungarian Civic Union - Christian Democratic People's Party", 1, 0)  
merged\_mpd$fidesz\_hdfa <- ifelse(merged\_mpd$partyname == "Federation of Young Democrats - Hungarian Civic Party - Hungarian Democratic Forum- Alliance", 1, 0)  
merged\_mpd$fidesz\_ <- ifelse(merged\_mpd$partyname == "Federation of Young Democrats", 1, 0)

library(lme4)

Loading required package: Matrix

Running a Regression Model for each NRR Party. ##Hypothesis 1 Hypothesis 1:NRR Parties shift their Economic positions during rates of higher unemployment or to match European sentiments.

First lets look at the welfare positions of all NRR parties The welfare variable measures how pro-welfare, a political party is based on their manifestos. The higher the number, the more pro-welfare the party is. The lower the number, the more anti-welfare the party is.

##Welfare

library(stargazer)

Please cite as:

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R package version 5.2.3. https://CRAN.R-project.org/package=stargazer

nrr\_welfare <-(lm(welfare ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa, data = merged\_mpd))  
party\_names <- c("National Front", "Alternative for Germany", "Voice", "Danish People's Party",  
 "Sweden Democrats", "Law and Justice", "Progress Party", "Brothers of Italy",  
 "Northern League", "Fidesz - HDFa")  
 stargazer(nrr\_welfare, type = "text", title = "Welfare Regression",  
 covariate.labels = party\_names)

Welfare Regression  
====================================================  
 Dependent variable:   
 ----------------------------  
 welfare   
----------------------------------------------------  
National Front -6.826\*\*\*   
 (0.129)   
   
Alternative for Germany -5.623\*\*\*   
 (0.202)   
   
Voice -0.363   
 (3.524)   
   
Danish People's Party 2.360   
 (1.884)   
   
Sweden Democrats 8.499\*\*\*   
 (0.220)   
   
Law and Justice 0.961   
 (2.035)   
   
Progress Party -5.093\*\*\*   
 (1.063)   
   
Brothers of Italy -1.368\*\*\*   
 (0.209)   
   
Northern League -6.165\*\*\*   
 (0.092)   
   
Fidesz - HDFa -1.470   
 (3.524)   
   
Constant 11.808\*\*\*   
 (0.016)   
   
----------------------------------------------------  
Observations 108,629   
R2 0.081   
Adjusted R2 0.081   
Residual Std. Error 4.984 (df = 108618)   
F Statistic 952.063\*\*\* (df = 10; 108618)  
====================================================  
Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01

It appears that only as a whole many NRR parties have an inverse relationship with Pro-Welfare policies. National Front for example has tried to shift towards a Welfare Chauvinist position but overall they seem anti-welfare.

Let’s try one multi-level regression to see if varies accross coderyear and add unemployment rates to see if there is a relationship between High Unemployment and welfare positions. The Coderyear refers to the year the manifesto was coded.

nrr\_welfare\_unemployment\_multi\_level <- lmer(welfare ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +SL.UEM.TOTL.ZS+(1 | coderyear), data = merged\_mpd)  
summary(nrr\_welfare\_unemployment\_multi\_level)

Linear mixed model fit by REML ['lmerMod']  
Formula: welfare ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 SL.UEM.TOTL.ZS + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 619708.9  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-5.5282 -0.3345 0.1130 0.3488 7.1314   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 13.75 3.708   
 Residual 18.05 4.249   
Number of obs: 108114, groups: coderyear, 28  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 20.656246 0.726581 28.429  
nf\_dummy -9.862372 0.114125 -86.417  
afd -14.239216 0.179872 -79.163  
spain\_dummy -2.645278 3.055708 -0.866  
dk\_dummy -2.718631 1.636607 -1.661  
sd\_dummy 2.337130 0.194279 12.030  
pd\_dummy -3.028304 1.776713 -1.704  
pp\_dummy -6.836495 1.222491 -5.592  
brothers\_of\_italy -0.736334 0.185950 -3.960  
nord\_league -3.921430 0.080786 -48.541  
fidesz\_hdfa -3.789455 3.083544 -1.229  
SL.UEM.TOTL.ZS -0.823818 0.009242 -89.142  
  
Correlation of Fixed Effects:  
 (Intr) nf\_dmm afd spn\_dm dk\_dmm sd\_dmm pd\_dmm pp\_dmm brth\_\_  
nf\_dummy -0.028   
afd -0.012 0.019   
spain\_dummy -0.004 -0.004 -0.001   
dk\_dummy -0.025 0.004 0.002 0.009   
sd\_dummy 0.007 -0.015 0.071 0.001 -0.001   
pd\_dummy -0.023 0.000 0.000 0.020 0.014 0.001   
pp\_dummy -0.033 0.006 0.002 0.000 0.020 -0.002 0.007   
brthrs\_f\_tl -0.001 0.000 0.000 0.000 0.002 0.000 0.000 0.001   
nord\_league -0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
fidesz\_hdfa -0.018 0.003 0.001 0.000 0.008 -0.001 0.008 0.006 0.000  
SL.UEM.TOTL -0.119 0.230 0.083 -0.018 0.018 -0.064 -0.001 0.025 -0.001  
 nrd\_lg fdsz\_h  
nf\_dummy   
afd   
spain\_dummy   
dk\_dummy   
sd\_dummy   
pd\_dummy   
pp\_dummy   
brthrs\_f\_tl   
nord\_league   
fidesz\_hdfa 0.000   
SL.UEM.TOTL 0.000 0.011

As a whole it also, seems that there actually is a Inverse relationship of unemployment and Political parties becoming more pro-welfare. So, we can overal reject that NRR parties become more pro-welfare during a crisis.

Among Individual parties, National Front and AfD have a positive correlation with welfare policies during higher unemployment rates. However, their t-value is overall negative. The only NRR party wth a positive t-value is the sd\_dmm which is the Swedish Democrats.

##Market Economy

This regression below tests suppor for Market Economy with markeco variable. I have also added a E036 variable which is a pro-free-market varabile from EVS, measuring European survey support Privatiziation

markeco\_evs<- lmer(markeco ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +SL.UEM.TOTL.ZS+(1 | coderyear), data = merged\_mpd)  
summary(markeco\_evs)

Linear mixed model fit by REML ['lmerMod']  
Formula: markeco ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 SL.UEM.TOTL.ZS + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 568763.7  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-3.7113 -0.8775 -0.2115 0.2497 8.8903   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 9.03 3.005   
 Residual 11.27 3.357   
Number of obs: 108114, groups: coderyear, 28  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 10.090819 0.587880 17.165  
nf\_dummy 2.798116 0.090167 31.033  
afd 2.895708 0.142110 20.376  
spain\_dummy 5.722052 2.414249 2.370  
dk\_dummy -3.470342 1.293106 -2.684  
sd\_dummy -0.110240 0.153493 -0.718  
pd\_dummy -0.853364 1.403877 -0.608  
pp\_dummy 8.577981 0.965931 8.881  
brothers\_of\_italy -1.532633 0.146913 -10.432  
nord\_league 1.021109 0.063826 15.998  
fidesz\_hdfa -2.447553 2.436449 -1.005  
SL.UEM.TOTL.ZS -0.720533 0.007302 -98.678  
  
Correlation of Fixed Effects:  
 (Intr) nf\_dmm afd spn\_dm dk\_dmm sd\_dmm pd\_dmm pp\_dmm brth\_\_  
nf\_dummy -0.027   
afd -0.012 0.019   
spain\_dummy -0.004 -0.004 -0.001   
dk\_dummy -0.024 0.004 0.002 0.009   
sd\_dummy 0.006 -0.015 0.071 0.001 -0.001   
pd\_dummy -0.023 0.000 0.000 0.020 0.014 0.001   
pp\_dummy -0.033 0.006 0.002 0.000 0.020 -0.002 0.007   
brthrs\_f\_tl -0.001 0.000 0.000 0.000 0.002 0.000 0.000 0.001   
nord\_league -0.001 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
fidesz\_hdfa -0.018 0.003 0.001 0.000 0.008 -0.001 0.008 0.006 0.000  
SL.UEM.TOTL -0.116 0.230 0.083 -0.018 0.018 -0.064 -0.001 0.025 -0.001  
 nrd\_lg fdsz\_h  
nf\_dummy   
afd   
spain\_dummy   
dk\_dummy   
sd\_dummy   
pd\_dummy   
pp\_dummy   
brthrs\_f\_tl   
nord\_league   
fidesz\_hdfa 0.000   
SL.UEM.TOTL 0.000 0.011

The T values of most parties except for dk\_dummy(Denmark), sd\_dummy(Sweden) and pp\_dummy(Nirway), are postive , showing that most NRR parties are extremely pro-free\_market.

The correlation of Fixed Effects, shows that Afd and National Front both have higher correlations of supporting more free-market policies during higher rates of unemployment. This is interesting as both parties have tried to shift towards a more pro-welfare position.

For the Scandinavian countries, Denmark,Sweden and Norway, only Sweden is shown to have a negative Cross-level interaction with unemployment and support for free-market policies. Overall it seems that NRR parties do not shift their economic positions to the center during increased time\_periods of unemployment. It even seems that for NRR parties, increased unemployment means more support for free-market policies, more privatization to address the issue.

##European Values Survey

Now I want to see if NRR parties shift their positions to match European sentiments. I will use the E036 variable from the European Values Survey, which measures support for privatization. The higher the number, the more support for privatization.

markeco\_evs<- lmer(markeco ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +E036+(1 |coderyear), data = merged\_mpd)

fixed-effect model matrix is rank deficient so dropping 5 columns / coefficients

summary(markeco\_evs)

Linear mixed model fit by REML ['lmerMod']  
Formula: markeco ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 E036 + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 573586.6  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-1.6244 -0.4876 -0.3980 0.2536 3.1684   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 1.579 1.257   
 Residual 12.211 3.494   
Number of obs: 107399, groups: coderyear, 5  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 2.358811 0.562376 4.194  
nf\_dummy 4.857273 0.091480 53.096  
afd 4.043232 0.147709 27.373  
sd\_dummy -1.077579 0.159823 -6.742  
brothers\_of\_italy -1.539758 0.152967 -10.066  
nord\_league 1.025260 0.066493 15.419  
E036 0.009058 0.003908 2.318  
  
Correlation of Fixed Effects:  
 (Intr) nf\_dmm afd sd\_dmm brth\_\_ nrd\_lg  
nf\_dummy -0.001   
afd -0.004 0.000   
sd\_dummy -0.004 0.000 0.078   
brthrs\_f\_tl -0.005 0.000 0.000 0.000   
nord\_league -0.002 0.000 0.000 0.000 0.000   
E036 -0.019 0.005 -0.005 0.004 0.000 0.000  
fit warnings:  
fixed-effect model matrix is rank deficient so dropping 5 columns / coefficients

There seems to be an overall wea relationship European support for privatization and NRR parties. The Cross Correlation among individual NRR parties shows very weak levels of correlation.

Now let’s try looking at the EVS Value for welfare, E037, the higher the number , the more a survey respondent supports Government providing welfare assitance.

welfare\_evs<- lmer(welfare ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +E037+(1 |coderyear), data = merged\_mpd)

fixed-effect model matrix is rank deficient so dropping 5 columns / coefficients

summary(welfare\_evs)

Linear mixed model fit by REML ['lmerMod']  
Formula: welfare ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 E037 + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 621990  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-2.6922 -0.4563 0.0753 0.2513 3.8054   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 15.72 3.965   
 Residual 19.16 4.378   
Number of obs: 107399, groups: coderyear, 5  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 12.590982 1.773388 7.100  
nf\_dummy -7.541325 0.114614 -65.797  
afd -12.941148 0.185050 -69.933  
sd\_dummy 1.174483 0.200223 5.866  
brothers\_of\_italy -0.712060 0.191634 -3.716  
nord\_league -3.913562 0.083299 -46.982  
E037 -0.043332 0.004895 -8.853  
  
Correlation of Fixed Effects:  
 (Intr) nf\_dmm afd sd\_dmm brth\_\_ nrd\_lg  
nf\_dummy -0.001   
afd -0.002 0.000   
sd\_dummy -0.002 0.000 0.078   
brthrs\_f\_tl -0.002 0.000 0.000 0.000   
nord\_league -0.001 0.000 0.000 0.000 0.000   
E037 -0.014 0.016 -0.009 0.007 0.000 0.000  
fit warnings:  
fixed-effect model matrix is rank deficient so dropping 5 columns / coefficients

Overall, there is a Negative Correlation in Polittical Parties becoming more pro-welfare and Europeans being more Pro-welfare at the same time. It’s an inverse relationship.

Hypopthesis 2: NRR parties shift their stance on immigration during higher migration rates. They also adopt anti-mulitcultural policies due to European sentiments.

immigration<- lmer(per601\_2 ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa+SM.POP.NETM+(1 |coderyear), data = merged\_mpd)

fixed-effect model matrix is rank deficient so dropping 2 columns / coefficients

summary(immigration)

Linear mixed model fit by REML ['lmerMod']  
Formula: per601\_2 ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 SM.POP.NETM + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 35390.3  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-3.847 -0.622 -0.024 0.005 33.516   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 0.2369 0.4868   
 Residual 0.6981 0.8355   
Number of obs: 14256, groups: coderyear, 7  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 2.430e-01 1.994e-01 1.219  
nf\_dummy 3.825e+00 8.357e-01 4.577  
afd 7.533e+00 3.699e-02 203.655  
spain\_dummy 3.686e+00 6.009e-01 6.134  
dk\_dummy 1.496e+01 5.934e-01 25.203  
sd\_dummy 3.475e+00 3.929e-02 88.447  
pd\_dummy -8.450e-01 6.009e-01 -1.406  
pp\_dummy 1.567e+00 6.055e-01 2.589  
brothers\_of\_italy 8.907e-01 3.657e-02 24.356  
SM.POP.NETM 1.172e-06 5.844e-08 20.054  
  
Correlation of Fixed Effects:  
 (Intr) nf\_dmm afd spn\_dm dk\_dmm sd\_dmm pd\_dmm pp\_dmm brth\_\_  
nf\_dummy -0.001   
afd 0.005 -0.001   
spain\_dummy -0.016 0.000 0.003   
dk\_dummy -0.009 0.000 -0.001 0.017   
sd\_dummy -0.010 0.007 0.000 -0.002 0.001   
pd\_dummy -0.017 0.000 -0.003 0.033 0.017 0.003   
pp\_dummy -0.047 0.000 0.000 0.001 0.000 0.000 0.001   
brthrs\_f\_tl -0.003 0.000 0.000 0.000 0.003 0.000 0.000 0.003   
SM.POP.NETM -0.032 0.016 -0.300 -0.010 0.004 0.237 0.010 0.001 0.000  
fit warnings:  
fixed-effect model matrix is rank deficient so dropping 2 columns / coefficients  
Some predictor variables are on very different scales: consider rescaling

Swedish Democrats seem to be the only NRR party that really has a Positive Correlation of Anti-Immigrant policy and Immigration Statisitcs. National Front has a positve weak correlation between migration rates and anit-Immigrant policy.

Now one last model to see if NRR parties adopt anti-multicultural policies during higher migration rates, and if it has relations with European sentiment, by adding the EVS variable G043, measuring anti-multiculturalism attitudes among europeans.

anti\_muliticultural\_model<- lmer(per607\_2 ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy + pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa+SM.POP.NETM+G043+(1 |coderyear), data = merged\_mpd)

fixed-effect model matrix is rank deficient so dropping 7 columns / coefficients

summary(anti\_muliticultural\_model)

Linear mixed model fit by REML ['lmerMod']  
Formula: per607\_2 ~ nf\_dummy + afd + spain\_dummy + dk\_dummy + sd\_dummy +   
 pd\_dummy + pp\_dummy + brothers\_of\_italy + nord\_league + fidesz\_hdfa +   
 SM.POP.NETM + G043 + (1 | coderyear)  
 Data: merged\_mpd  
  
REML criterion at convergence: 30189.8  
  
Scaled residuals:   
 Min 1Q Median 3Q Max   
-1.3052 -0.7428 -0.4951 0.5253 2.7002   
  
Random effects:  
 Groups Name Variance Std.Dev.  
 coderyear (Intercept) 0.004368 0.06609   
 Residual 0.495935 0.70423   
Number of obs: 14100, groups: coderyear, 2  
  
Fixed effects:  
 Estimate Std. Error t value  
(Intercept) 3.115e-01 4.911e-02 6.344  
afd -2.016e+00 3.121e-02 -64.602  
sd\_dummy -6.684e-01 3.313e-02 -20.176  
brothers\_of\_italy -3.487e-01 3.082e-02 -11.316  
SM.POP.NETM 3.850e-06 4.917e-08 78.296  
G043 -4.575e-06 2.100e-03 -0.002  
  
Correlation of Fixed Effects:  
 (Intr) afd sd\_dmm brth\_\_ SM.POP  
afd 0.015   
sd\_dummy -0.054 0.000   
brthrs\_f\_tl -0.029 0.000 0.002   
SM.POP.NETM -0.139 -0.301 0.235 0.003   
G043 -0.245 0.000 0.000 0.000 0.031  
fit warnings:  
fixed-effect model matrix is rank deficient so dropping 7 columns / coefficients  
Some predictor variables are on very different scales: consider rescaling

The model overall shows a inverse relationship that Europeans are not as anti-multicultural overall as NRR parties and there is no correlation between NRR parties becoming more anti-multicultural and Europeans becoming more anti-multicultural. Altough there is a small slight correlation between European becoming more anti-multicultural as migration rates increase.