Geographic Representation and Requests for Federal Funds in the U.S. Senate (Appendix Analysis 3)

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Table A.1

```
# Loading the data
load("county_level_allocation_data.RData")

print.xtable(xtable(table(senators_appropriations_matched$subcommittee, senators_appropriations_matched$
                    caption="Total Number of Requests by Committee and Fiscal Year",label="descriptive-t
             hline.after=c(-1, 0),
             add.to.row = list(pos = list(9),
                               command = paste0("\\hline \n","\\multicolumn{3}{l}{\\parbox[t]{1\\textwid
                               to each of the subcommittees of the Appropriations Committee for earmarks
```

```
## % latex table generated in R 4.4.1 by xtable 1.8-4 package
## % Tue Jul  2 12:50:43 2024
## \begin{table}[ht]
## \centering
## \caption{Total Number of Requests by Committee and Fiscal Year}
## \label{descriptive-to-subcommittee}
## \begin{tabular}{rrr}
##   \hline
##  & 2021 & 2022 \\
##   \hline
## Agriculture, Rural Development, Food and Drug Administration, and Related Agencies & 425 & 718 \\
##   Commerce, Justice, Science, and Related Agencies & 551 & 924 \\
##   Energy and Water Development & 489 & 712 \\
##   Financial Services and General Government & 190 & 322 \\
##   Homeland Security & 218 & 359 \\
##   Interior, Environment, and Related Agencies & 1237 & 2214 \\
##   Labor, Health and Human Services, Education, and Related Agencies & 2199 & 4038 \\
##   Military Construction, Veterans Affairs, and Related Agencies & 135 & 293 \\
##   Transportation, Housing and Urban Development, and Related Agencies & 2356 & 4078 \\
##    \hline
## \multicolumn{3}{l}{\parbox[t]{1\textwidth}{\footnotesize \textit{Note}: The table presents the total
##                                 to each of the subcommittees of the Appropriations Committee for earma
## \end{table}
```

Table A.4

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Limiting to observations used in analysis
senators_appropriations_matched <- senators_appropriations_matched[!is.na(senators_appropriations_matche

# Making a table of means and standard deviations for county-level request (non-standardized) variables
# Variables to use
cols <- c("request_granted","percent_request_fulfilled","amount_percapita",
          "log.total.requests.made", "joint_request", "num_counties",
          "dem", "on_appropriations", "meddist", "mean_core_county", "mean_swing_county",
          "logpop", "female", "seniority", "party_leader", "freshman", "mean_pct_urban", "mean_median_
          "any_capital")

stargazer(as.data.frame(senators_appropriations_matched[,cols]), covariate.labels=c("Request Granted",
                                                                                    "Request Amount (Per Capita
                                                                                    "Joint Request", "Number of
                                                                                    "Distance from DW-NOMINATE
                                                                                    "Log Total Population in Af
                                                                                    "Freshman Senator","Average
                                                                                    "Capital City"),
          title="Summary Statistics of Dataset Analyzing County-Level Outcomes", digits=2, summary.stat=
          notes='\\parbox[t]{1\\textwidth}{\\footnotesize \\textit{Note}: Table presents summary statis
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:44
## \begin{table}[!htbp] \centering
##   \caption{Summary Statistics of Dataset Analyzing County-Level Outcomes}
##   \label{}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## Statistic & \multicolumn{1}{c}{Mean} & \multicolumn{1}{c}{St. Dev.} & \multicolumn{1}{c}{Min} & \mul
## \hline \\[-1.8ex]
## Request Granted & 0.34 & 0.47 & 0 & 1 \\
## Proportion of Request Fulfilled & 0.32 & 0.58 & 0.00 & 28.77 \\
## Request Amount (Per Capita) & 47.53 & 589.14 & 0.001 & 78,502.42 \\
## Total Amount of Senator Requests (Log) & 20.28 & 0.82 & 17.60 & 21.76 \\
## Joint Request & 0.42 & 0.49 & 0 & 1 \\
## Number of Counties Affected & 1.23 & 1.00 & 1 & 28 \\
## Democrat (Majority Party Member) & 0.90 & 0.30 & 0 & 1 \\
## Member of Appropriations Committee & 0.30 & 0.46 & 0 & 1 \\
## Distance from DW-NOMINATE Median & 0.37 & 0.13 & 0.09 & 0.79 \\
## Percent Core Counties & 0.61 & 0.48 & 0.00 & 1.00 \\
## Percent Swing Counties & 0.23 & 0.41 & 0.00 & 1.00 \\
## Log Total Population in Affected Counties & 12.44 & 1.59 & 6.60 & 16.70 \\
## Senator is a Woman & 0.34 & 0.47 & 0 & 1 \\
## Seniority & 7.23 & 3.95 & 1 & 24 \\
```

```
## Party Leader & 0.29 & 0.46 & 0 & 1 \\
## Freshman Senator & 0.07 & 0.25 & 0 & 1 \\
## Average Percent Urban Population in Affected Counties & 74.16 & 27.18 & 0.00 & 100.00 \\
## Average Median Household Income in Affected Counties & 6.68 & 1.79 & 2.39 & 14.71 \\
## Capital City & 0.13 & 0.34 & 0 & 1 \\
## \hline \\[-1.8ex]
## \multicolumn{5}{l}{\parbox[t]{1\textwidth}{\footnotesize \textit{Note}: Table presents summary statis
## \end{tabular}
## \end{table}
```

Table C.3 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# FY 2022
# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_fy_2022 <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_cap
                      cluster = "senator", data=senators_appropriations_matched[senators_appropriations_
```

```
## Loading required namespace: sandwich
```

```
reg1_fy_2022 <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint_re
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fact

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_fy_2022 <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.m
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_cap
                      cluster = "senator", data=senators_appropriations_matched[senators_appropriations_

reg2_fy_2022 <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scaled
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital  + fac


# Save coefficients and standard errors from the model
cond_fy_2022 <- data.frame(summary(reg1_fe_fy_2022))
cond2_fy_2022  <- data.frame(summary(reg2_fe_fy_2022))

coefs_fy_2022 <- c(cond_fy_2022[,1])
ses_fy_2022 <- c(cond_fy_2022[,2])
coefs2_fy_2022 <- c(cond2_fy_2022[,1])
ses2_fy_2022 <- c(cond2_fy_2022[,2])
```

```r
# FY 2023
# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_fy_2023 <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled
                              dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_s
                              logpop_scaled + female + seniority_scaled + party_leader +
                              freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + an
                            cluster = "senator", data=senators_appropriations_matched[senators_appropriat

reg1_fy_2023 <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint_re
                   dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county
                   logpop_scaled + female + seniority_scaled + party_leader +
                   freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital +

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_fy_2023 <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.m
                              dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_s
                              logpop_scaled + female + seniority_scaled + party_leader +
                              freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + an
                            cluster = "senator", data=senators_appropriations_matched[senators_appropriat

reg2_fy_2023 <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scaled
                   dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county
                   logpop_scaled + female + seniority_scaled + party_leader +
                   freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital

# Save coefficients and standard errors from the model
cond_fy_2023  <- data.frame(summary(reg1_fe_fy_2023))
cond2_fy_2023  <- data.frame(summary(reg2_fe_fy_2023))

coefs_fy_2023 <- c(cond_fy_2023[,1])
ses_fy_2023 <- c(cond_fy_2023[,2])
coefs2_fy_2023 <- c(cond2_fy_2023[,1])
ses2_fy_2023 <- c(cond2_fy_2023[,2])
```

Table C.3 Output

```r
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_fy_2022, reg2_fy_2022,reg1_fy_2023, reg2_fy_2023,
          add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkmark","\\checkmark","\\che
                         c("Year Fixed Effects","\\checkmark","\\checkmark","\\checkmark","\\checkmark"
          omit=c("Constant", "subcommittee", "year"),
          notes.append = FALSE,notes.label = "",
          report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.space = TRUE,
          font.size = "footnotesize", model.numbers = FALSE,
          column.labels = c("2022", "2023"), column.separate = c(2,2),
          dep.var.labels = c("Request Granted","Pct. Granted","Request Granted","Pct. Granted"),column.s
          covariate.labels=c( "Request Amount (Per Capita)", "Total Amount of Senator Requests (Log)",
                              "Member of Appropriations Committee","Distance from DW-NOMINATE Median", "
                              "Log Total Population in Affected Counties", "Senator is a Woman","Seniorit
                              "Freshman Senator", "Average Pct. Urban Pop in Affected Counties", "Log Avg
```

```
                              "Capital City"),
          notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The table shows the results fr
          senator's county-level appropriation request behavior. Note that these models are limited to s
          label="tab1_county_matched_sepyear",
          digits=3,
          coef=list(coefs_fy_2022, coefs2_fy_2022,coefs_fy_2023, coefs2_fy_2023),
          se=list(ses_fy_2022, ses2_fy_2022,ses_fy_2023, ses2_fy_2023),
          digits.extra = 0,
          title="Predictors of Approved Spending Requests Subset by Fiscal Year",
          omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:45
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests Subset by Fiscal Year}
##   \label{tab1_county_matched_sepyear}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{4}{c}{\textit{Dependent variable:}} \\
## \cline{2-5}
## \\[-1.8ex] & Request Granted & Pct. Granted & Request Granted & Pct. Granted \\
##  & \multicolumn{2}{c}{2022} & \multicolumn{2}{c}{2023} \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.005$^{**}$ & $-$0.006$^{**}$ & $-$0.040$^{**}$ & $-$0.065$^{**}$
##   & (0.002) & (0.003) & (0.012) & (0.014) \\
##   Total Amount of Senator Requests (Log) & $-$0.133$^{**}$ & $-$0.136$^{**}$ & $-$0.123$^{**}$ & $-$0
##   & (0.012) & (0.012) & (0.012) & (0.012) \\
##   Joint Request & 0.105$^{**}$ & 0.112$^{**}$ & 0.072$^{**}$ & 0.064$^{**}$ \\
##   & (0.021) & (0.023) & (0.016) & (0.020) \\
##   Number of Counties Affected & $-$0.000 & $-$0.004 & 0.006 & 0.007 \\
##   & (0.009) & (0.008) & (0.005) & (0.005) \\
##   Democrat (Majority Party Member) & $-$0.263$^{**}$ & $-$0.244$^{**}$ & $-$0.184$^{**}$ & $-$0.124$
##   & (0.038) & (0.035) & (0.044) & (0.040) \\
##   Member of Appropriations Committee & 0.102$^{**}$ & 0.104$^{**}$ & 0.110$^{**}$ & 0.115$^{**}$ \\
##   & (0.026) & (0.026) & (0.025) & (0.022) \\
##   Distance from DW-NOMINATE Median & $-$0.026$^{**}$ & $-$0.031$^{**}$ & $-$0.013 & $-$0.016$^{*}$ \
##   & (0.012) & (0.013) & (0.010) & (0.010) \\
##   Percent Core Counties & 0.002 & $-$0.000 & $-$0.003 & 0.000 \\
##   & (0.011) & (0.011) & (0.010) & (0.010) \\
##   Percent Swing Counties & $-$0.007 & $-$0.008 & $-$0.001 & $-$0.002 \\
##   & (0.008) & (0.007) & (0.008) & (0.007) \\
##   Log Total Population in Affected Counties & 0.003 & $-$0.001 & $-$0.005 & 0.003 \\
##   & (0.018) & (0.020) & (0.015) & (0.015) \\
##   Senator is a Woman & $-$0.023 & $-$0.020 & $-$0.017 & $-$0.021 \\
##   & (0.026) & (0.028) & (0.022) & (0.021) \\
##   Seniority & 0.037$^{**}$ & 0.034$^{**}$ & 0.023$^{*}$ & 0.022$^{*}$ \\
##   & (0.015) & (0.015) & (0.012) & (0.012) \\
##   Party Leader & 0.000 & 0.001 & 0.018 & 0.000 \\
##   & (0.028) & (0.029) & (0.022) & (0.021) \\
##   Freshman Senator & 0.110 & 0.092 & 0.017 & $-$0.008 \\
##   & (0.070) & (0.069) & (0.046) & (0.044) \\
```

```
##   Average Pct. Urban Pop in Affected Counties & 0.000 & $-$0.002 & 0.001 & $-$0.005 \\
##   & (0.016) & (0.017) & (0.013) & (0.011) \\
##   Log Avg. Median Household Income & $-$0.028$^{**}$ & $-$0.020$^{**}$ & $-$0.023$^{**}$ & $-$0.018$
##   & (0.010) & (0.010) & (0.007) & (0.008) \\
##   Capital City & 0.053$^{**}$ & 0.059$^{**}$ & $-$0.006 & $-$0.004 \\
##   & (0.019) & (0.022) & (0.015) & (0.019) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark & \checkmark & \checkmark \\
## Observations & 7,360 & 7,360 & 12,916 & 12,916 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##           senator's county-level appropriation request behavior. Note that these models are limited
## \end{tabular}
## \end{table}
```

Table C.17 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_alt_cut <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_scale
                        dem + on_appropriations + meddist_scaled + mean_core_county_alt_scaled + mean_s
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_ca
                      cluster = "senator", data=senators_appropriations_matched)

reg1_alt_cut <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint_r
             dem + on_appropriations + meddist_scaled + mean_core_county_alt_scaled + mean_swing_county
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fac

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_alt_cut <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.
                        dem + on_appropriations + meddist_scaled + mean_core_county_alt_scaled + mean_s
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_ca
                      cluster = "senator", data=senators_appropriations_matched)

reg2_alt_cut <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scaled
             dem + on_appropriations + meddist_scaled + mean_core_county_alt_scaled + mean_swing_county
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fac


# Save coefficients and standard errors from the model
cond_alt_cut  <- data.frame(summary(reg1_fe_alt_cut))
cond2_alt_cut  <- data.frame(summary(reg2_fe_alt_cut))
```

```r
coefs_alt_cut <- c(cond_alt_cut[,1])
ses_alt_cut <- c(cond_alt_cut[,2])
coefs2_alt_cut <- c(cond2_alt_cut[,1])
ses2_alt_cut <- c(cond2_alt_cut[,2])
```

Table C.17 Output

```r
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_alt_cut, reg2_alt_cut,
          add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkmark"),
                         c("Year Fixed Effects","\\checkmark","\\checkmark")),
          omit=c("Constant", "subcommittee", "year"),
          notes.append = FALSE,notes.label = "",
          report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.space = TRUE,
          font.size = "footnotesize", model.numbers = FALSE,
          dep.var.labels = c("Request Granted (Binary)","Percent of Request Granted"),column.sep.width=
          covariate.labels=c("Request Amount (Per Capita)", "Total Amount of Senator Requests (Log)", "
                             "Member of Appropriations Committee","Distance from DW-NOMINATE Median", "P
                              "Log Total Population in Affected Counties", "Senator is a Woman","Seniori
                              "Freshman Senator", "Average Percent Urban Population in Affected Counties
                               "Capital City"),
           notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The table shows the results fi
           senator's county-level appropriation request behavior. Note that these models are limited to
           label="tab1_county_matched_altcoreswing",
           digits=3,
           coef=list(coefs_alt_cut, coefs2_alt_cut),
           se=list(ses_alt_cut, ses2_alt_cut),
           digits.extra = 0,
           title="Predictors of Approved Spending Requests Using Alternative Cutpoints for Core and Swi
           omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:46
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests Using Alternative Cutpoints for Core and Swing C
##   \label{tab1_county_matched_altcoreswing}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.007$^{**}$ & $-$0.010 \\
##   & (0.004) & (0.006) \\
##   Total Amount of Senator Requests (Log) & $-$0.130$^{**}$ & $-$0.131$^{**}$ \\
##   & (0.010) & (0.009) \\
##   Joint Request & 0.085$^{**}$ & 0.083$^{**}$ \\
```

```
##   & (0.016) & (0.018) \\
##   Number of Counties Affected & 0.004 & 0.004 \\
##   & (0.004) & (0.005) \\
##   Democrat (Majority Party Member) & $-$0.209$^{**}$ & $-$0.163$^{**}$ \\
##   & (0.035) & (0.031) \\
##   Member of Appropriations Committee & 0.108$^{**}$ & 0.112$^{**}$ \\
##   & (0.023) & (0.021) \\
##   Distance from DW-NOMINATE Median & $-$0.019$^{*}$ & $-$0.022$^{**}$ \\
##   & (0.010) & (0.009) \\
##   Percent Core Counties (57.5) & $-$0.003 & $-$0.001 \\
##   & (0.009) & (0.010) \\
##   Percent Swing Counties (47.5) & $-$0.006 & $-$0.008 \\
##   & (0.006) & (0.006) \\
##   Log Total Population in Affected Counties & $-$0.000 & 0.005 \\
##   & (0.013) & (0.013) \\
##   Senator is a Woman & $-$0.018 & $-$0.019 \\
##   & (0.021) & (0.020) \\
##   Seniority & 0.028$^{**}$ & 0.026$^{**}$ \\
##   & (0.012) & (0.012) \\
##   Party Leader & 0.014 & 0.004 \\
##   & (0.021) & (0.020) \\
##   Freshman Senator & 0.048 & 0.027 \\
##   & (0.048) & (0.044) \\
##   Average Percent Urban Population in Affected Counties & 0.002 & $-$0.003 \\
##   & (0.012) & (0.010) \\
##   Average Median Household Income in Affected Counties & $-$0.024$^{**}$ & $-$0.018$^{**}$ \\
##   & (0.007) & (0.007) \\
##   Capital City & 0.014 & 0.018 \\
##   & (0.012) & (0.016) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark \\
## Observations & 20,276 & 20,276 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##            senator's county-level appropriation request behavior. Note that these models are limited
## \end{tabular}
## \end{table}
```

Table C.18 Analysis

```r
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_continuous_safety <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.r
                        dem + on_appropriations + meddist_scaled + mean_same_partyvote_scaled +
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_cap
```

```
                      cluster = "senator", data=senators_appropriations_matched)

reg1_continuous_safety <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled
             dem + on_appropriations + meddist_scaled + mean_same_partyvote_scaled+
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fac

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_continuous_safety <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total
                        dem + on_appropriations + meddist_scaled + mean_same_partyvote_scaled +
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_ca
                      cluster = "senator", data=senators_appropriations_matched)

reg2_continuous_safety <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.ma
             dem + on_appropriations + meddist_scaled + mean_same_partyvote_scaled +
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fac


# Save coefficients and standard errors from the model
cond_continuous_safety  <- data.frame(summary(reg1_fe_continuous_safety))
cond2_continuous_safety  <- data.frame(summary(reg2_fe_continuous_safety))

coefs_continuous_safety <- c(cond_continuous_safety[,1])
ses_continuous_safety <- c(cond_continuous_safety[,2])
coefs2_continuous_safety <- c(cond2_continuous_safety[,1])
ses2_continuous_safety <- c(cond2_continuous_safety[,2])
```

Table C.18 Output

```
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_continuous_safety, reg2_continuous_safety,
                                add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkma
                                               c("Year Fixed Effects","\\checkmark","\\checkmark")),
                                omit=c("Constant", "subcommittee", "year"),
                                notes.append = FALSE,notes.label = "",
                                report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.spa
                                font.size = "footnotesize", model.numbers = FALSE,
                                dep.var.labels = c("Request Granted (Binary)","Percent of Request Gran
                                covariate.labels=c( "Request Amount (Per Capita)", "Total Amount of Se
                                                    "Member of Appropriations Committee","Distance fro
                                                    "Log Total Population in Affected Counties", "Sena
                                                    "Freshman Senator", "Average Percent Urban Populat
                                                    "Capital City"),
                                notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The tab
                          senator's county-level appropriation request behavior. Note that these models a
                                label="tab1_county_matched_altvote",
                                digits=3,
                                coef=list(coefs_continuous_safety, coefs2_continuous_safety),
```

```
                                    se=list(ses_continuous_safety, ses2_continuous_safety),
                                    digits.extra = 0,
                                    title="Predictors of Approved Spending Requests Using a Continuous Meas
                                    omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:47
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests Using a Continuous Measure of Electoral Safety}
##   \label{tab1_county_matched_altvote}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.007$^{**}$ & $-$0.010 \\
##   & (0.004) & (0.006) \\
##   Total Amount of Senator Requests (Log) & $-$0.130$^{**}$ & $-$0.131$^{**}$ \\
##   & (0.010) & (0.009) \\
##   Joint Request & 0.086$^{**}$ & 0.083$^{**}$ \\
##   & (0.016) & (0.018) \\
##   Number of Counties Affected & 0.004 & 0.004 \\
##   & (0.004) & (0.005) \\
##   Democrat (Majority Party Member) & $-$0.209$^{**}$ & $-$0.164$^{**}$ \\
##   & (0.035) & (0.031) \\
##   Member of Appropriations Committee & 0.108$^{**}$ & 0.112$^{**}$ \\
##   & (0.023) & (0.021) \\
##   Distance from DW-NOMINATE Median & $-$0.018$^{*}$ & $-$0.022$^{**}$ \\
##   & (0.010) & (0.010) \\
##   Mean Same Party Vote & 0.002 & 0.002 \\
##   & (0.010) & (0.009) \\
##   Log Total Population in Affected Counties & $-$0.002 & 0.003 \\
##   & (0.014) & (0.014) \\
##   Senator is a Woman & $-$0.019 & $-$0.021 \\
##   & (0.020) & (0.020) \\
##   Seniority & 0.028$^{**}$ & 0.026$^{**}$ \\
##   & (0.012) & (0.012) \\
##   Party Leader & 0.013 & 0.003 \\
##   & (0.021) & (0.021) \\
##   Freshman Senator & 0.047 & 0.026 \\
##   & (0.048) & (0.044) \\
##   Average Percent Urban Population in Affected Counties & 0.002 & $-$0.002 \\
##   & (0.012) & (0.010) \\
##   Average Median Household Income in Affected Counties & $-$0.024$^{**}$ & $-$0.018$^{**}$ \\
##   & (0.007) & (0.007) \\
##   Capital City & 0.014 & 0.018 \\
##   & (0.012) & (0.016) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark \\
```

```
## Observations & 20,275 & 20,275 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##                         senator's county-level appropriation request behavior. Note that these models
## \end{tabular}
## \end{table}
```

Table C.20 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_lowerthird <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_sca
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + tercile_income + any_capital + factor(year) +
                      cluster = "senator", data=senators_appropriations_matched)

reg1_lowerthird <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + tercile_income + any_capital + factor(year) + factor(sub

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_lowerthird <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.request
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + tercile_income + any_capital + factor(year) +
                      cluster = "senator", data=senators_appropriations_matched)

reg2_lowerthird <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scal
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + tercile_income + any_capital + factor(year) + factor(sub


# Save coefficients and standard errors from the model
cond_lowerthird  <- data.frame(summary(reg1_fe_lowerthird))
cond2_lowerthird  <- data.frame(summary(reg2_fe_lowerthird))

coefs_lowerthird <- c(cond_lowerthird[,1])
ses_lowerthird <- c(cond_lowerthird[,2])
coefs2_lowerthird <- c(cond2_lowerthird[,1])
ses2_lowerthird <- c(cond2_lowerthird[,2])
```

Table C.20 Output

```
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_lowerthird, reg2_lowerthird,
          add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkmark"),
                         c("Year Fixed Effects","\\checkmark","\\checkmark")),
          omit=c("Constant", "subcommittee", "year"),
          notes.append = FALSE,notes.label = "",
          report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.space = TRUE,
          font.size = "footnotesize", model.numbers = FALSE,
          dep.var.labels = c("Request Granted (Binary)","Percent of Request Granted"),column.sep.width=
          covariate.labels=c("Request Amount (Per Capita)", "Total Amount of Senator Requests (Log)", "
                             "Member of Appropriations Committee","Distance from DW-NOMINATE Median", "Pe
                             "Log Total Population in Affected Counties", "Senator is a Woman","Seniority
                             "Freshman Senator", "Average Percent Urban Population in Affected Counties"
                             "Capital City"),
          notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The table shows the results fr
          senator's county-level appropriation request behavior. Note that these models are limited to s
          label="tab1_county_matched_altincome",
          digits=3,
          coef=list(coefs_lowerthird, coefs2_lowerthird),
          se=list(ses_lowerthird, ses2_lowerthird),
          digits.extra = 0,
          title="Predictors of Approved Spending Requests Replacing Median Income with Tercile Measure
          omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:48
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests Replacing Median Income with Tercile Measure of I
##   \label{tab1_county_matched_altincome}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.007$^{**}$ & $-$0.010 \\
##   & (0.004) & (0.006) \\
##   Total Amount of Senator Requests (Log) & $-$0.129$^{**}$ & $-$0.130$^{**}$ \\
##   & (0.010) & (0.009) \\
##   Joint Request & 0.082$^{**}$ & 0.080$^{**}$ \\
##   & (0.016) & (0.018) \\
##   Number of Counties Affected & 0.006$^{*}$ & 0.006 \\
##   & (0.004) & (0.004) \\
##   Democrat (Majority Party Member) & $-$0.223$^{**}$ & $-$0.174$^{**}$ \\
##   & (0.035) & (0.032) \\
##   Member of Appropriations Committee & 0.107$^{**}$ & 0.111$^{**}$ \\
##   & (0.023) & (0.020) \\
```

```
##   Distance from DW-NOMINATE Median & $-$0.021$^{**}$ & $-$0.025$^{**}$ \\
##   & (0.010) & (0.010) \\
##   Percent Core Counties & $-$0.002 & 0.000 \\
##   & (0.009) & (0.009) \\
##   Percent Swing Counties & $-$0.004 & $-$0.004 \\
##   & (0.007) & (0.006) \\
##   Log Total Population in Affected Counties & $-$0.007 & $-$0.000 \\
##   & (0.013) & (0.013) \\
##   Senator is a Woman & $-$0.018 & $-$0.019 \\
##   & (0.020) & (0.020) \\
##   Seniority & 0.027$^{**}$ & 0.025$^{**}$ \\
##   & (0.012) & (0.012) \\
##   Party Leader & 0.015 & 0.004 \\
##   & (0.020) & (0.020) \\
##   Freshman Senator & 0.055 & 0.032 \\
##   & (0.053) & (0.047) \\
##   Average Percent Urban Population in Affected Counties & $-$0.001 & $-$0.004 \\
##   & (0.011) & (0.010) \\
##   Tercile Measure of Median Household Income (Low to High) & $-$0.009 & $-$0.009 \\
##   & (0.007) & (0.009) \\
##   Capital City & 0.019 & 0.022 \\
##   & (0.012) & (0.015) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark \\
## Observations & 20,276 & 20,276 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##           senator's county-level appropriation request behavior. Note that these models are limited t
## \end{tabular}
## \end{table}
```

Table C.23 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe_poverty <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_per_poverty_scaled + any_capital + factor
                      cluster = "senator", data=senators_appropriations_matched)

reg1_poverty <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint_re
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_per_poverty_scaled + any_capital + factor(year) + f
```

```r
# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe_poverty <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.m
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_per_poverty_scaled + any_capital + facto
                      cluster = "senator", data=senators_appropriations_matched)

reg2_poverty <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scaled
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_per_poverty_scaled + any_capital + factor(year) + f


# Save coefficients and standard errors from the model
cond_poverty  <- data.frame(summary(reg1_fe_poverty))
cond2_poverty  <- data.frame(summary(reg2_fe_poverty))

coefs_poverty <- c(cond_poverty[,1])
ses_poverty <- c(cond_poverty[,2])
coefs2_poverty <- c(cond2_poverty[,1])
ses2_poverty <- c(cond2_poverty[,2])
```

Table C.23 Output

```r
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_poverty, reg2_poverty,
          add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkmark"),
                         c("Year Fixed Effects","\\checkmark","\\checkmark")),
          omit=c("Constant", "subcommittee", "year"),
          notes.append = FALSE,notes.label = "",
          report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.space = TRUE,
          font.size = "footnotesize", model.numbers = FALSE,
          dep.var.labels = c("Request Granted (Binary)","Percent of Request Granted"),column.sep.width=
          covariate.labels=c("Request Amount (Per Capita)", "Total Amount of Senator Requests (Log)", "
                             "Member of Appropriations Committee","Distance from DW-NOMINATE Median", "Pe
                             "Log Total Population in Affected Counties", "Senator is a Woman","Seniority
                             "Freshman Senator", "Average Percent Urban Population in Affected Counties"
                              "Capital City"),
          notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The table shows the results fr
          senator's county-level appropriation request behavior. Note that these models are limited to s
          label="tab1_county_matched_poverty",
          digits=3,
          coef=list(coefs_poverty, coefs2_poverty),
          se=list(ses_poverty, ses2_poverty),
          digits.extra = 0,
          title="Predictors of Approved Spending Requests Replacing Median Income with Percent Below the
          omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
```

```
## % Date and time: Tue, Jul 02, 2024 - 12:50:49
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests Replacing Median Income with Percent Below the Po
##   \label{tab1_county_matched_poverty}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.008$^{**}$ & $-$0.010 \\
##   & (0.004) & (0.006) \\
##   Total Amount of Senator Requests (Log) & $-$0.130$^{**}$ & $-$0.131$^{**}$ \\
##   & (0.010) & (0.009) \\
##   Joint Request & 0.084$^{**}$ & 0.081$^{**}$ \\
##   & (0.016) & (0.018) \\
##   Number of Counties Affected & 0.005 & 0.005 \\
##   & (0.004) & (0.005) \\
##   Democrat (Majority Party Member) & $-$0.212$^{**}$ & $-$0.167$^{**}$ \\
##   & (0.035) & (0.031) \\
##   Member of Appropriations Committee & 0.107$^{**}$ & 0.111$^{**}$ \\
##   & (0.023) & (0.020) \\
##   Distance from DW-NOMINATE Median & $-$0.020$^{**}$ & $-$0.024$^{**}$ \\
##   & (0.010) & (0.010) \\
##   Percent Core Counties & $-$0.001 & 0.000 \\
##   & (0.009) & (0.009) \\
##   Percent Swing Counties & $-$0.003 & $-$0.004 \\
##   & (0.007) & (0.006) \\
##   Log Total Population in Affected Counties & $-$0.008 & $-$0.002 \\
##   & (0.012) & (0.012) \\
##   Senator is a Woman & $-$0.017 & $-$0.019 \\
##   & (0.020) & (0.020) \\
##   Seniority & 0.028$^{**}$ & 0.026$^{**}$ \\
##   & (0.012) & (0.012) \\
##   Party Leader & 0.013 & 0.003 \\
##   & (0.021) & (0.020) \\
##   Freshman Senator & 0.047 & 0.026 \\
##   & (0.050) & (0.046) \\
##   Average Percent Urban Population in Affected Counties & $-$0.003 & $-$0.006 \\
##   & (0.012) & (0.010) \\
##   Average Percent Below the Poverty Line in Affected Counties & 0.012$^{**}$ & 0.007 \\
##   & (0.006) & (0.006) \\
##   Capital City & 0.019 & 0.022 \\
##   & (0.012) & (0.015) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark \\
## Observations & 20,276 & 20,276 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##           senator's county-level appropriation request behavior. Note that these models are limited t
```

```
## \end{tabular}
## \end{table}
```

Table C.24 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Model 1: Outcome variable is binary (was request granted or not)
reg1_fe <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled +  joi
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_ca
                      cluster = "senator", data=senators_appropriations_matched)

reg1 <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled + joint_request +
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_sca
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital +  fa

# Model 2: Outcome variable is a percentage (percentage of request that was fulfilled)
reg2_fe <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_sca
                        dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing
                        logpop_scaled + female + seniority_scaled + party_leader +
                        freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_ca
                      cluster = "senator", data=senators_appropriations_matched)

reg2 <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_scaled + joint
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_sca
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital +  fa


# Save coefficients and standard errors from the model
cond  <- data.frame(summary(reg1_fe))
cond2  <- data.frame(summary(reg2_fe))

coefs <- c(cond[,1])
ses <- c(cond[,2])
coefs2 <- c(cond2[,1])
ses2 <- c(cond2[,2])
```

Table C.24 Output

```
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1, reg2,
                                  #add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkm
```

```
                                #               c("Year Fixed Effects","\\checkmark","\\checkmark")),
                                keep=c("subcommittee"),
                                notes.append = FALSE,notes.label = "",
                                report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.spa
                                font.size = "footnotesize", model.numbers = FALSE,
                                dep.var.labels = c("Request Granted (Binary)","Percent of Request Gran
                                covariate.labels=c("Commerce, Justice, Science, and Related",
                                                   "Energy and Water Development",
                                                   "Financial Services and General Government",
                                                   "Homeland Security",
                                                   "Interior, Environment, and Related",
                                                   "Labor, Health and Human Services, Education, and R
                                                   "Military Construction, Veterans Affairs, and Relat
                                                   "Transportation, Housing and Urban Development, and
                                notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The tab
                           senator's county-level appropriation request behavior. Note that these models a
                                label="tab1_matched_fixed",
                                digits=3,
                                coef=list(coefs, coefs2),
                                se=list(ses, ses2),
                                digits.extra = 0,
                                title="Subcommittee Fixed Effects From Table 3",
                                omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:50
## \begin{table}[!htbp] \centering
##   \caption{Subcommittee Fixed Effects From Table 3}
##   \label{tab1_matched_fixed}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Commerce, Justice, Science, and Related & 0.157$^{**}$ & 0.183$^{**}$ \\
##   & (0.036) & (0.036) \\
##   Energy and Water Development & 0.027 & 0.016 \\
##   & (0.032) & (0.032) \\
##   Financial Services and General Government & 0.242$^{**}$ & 0.266$^{**}$ \\
##   & (0.031) & (0.034) \\
##   Homeland Security & $-$0.074$^{*}$ & $-$0.053 \\
##   & (0.039) & (0.043) \\
##   Interior, Environment, and Related & $-$0.115$^{**}$ & $-$0.067$^{**}$ \\
##   & (0.030) & (0.034) \\
##   Labor, Health and Human Services, Education, and Related & $-$0.044 & $-$0.014 \\
##   & (0.029) & (0.028) \\
##   Military Construction, Veterans Affairs, and Related & 0.113$^{**}$ & 0.121$^{**}$ \\
##   & (0.047) & (0.047) \\
##   Transportation, Housing and Urban Development, and Related & $-$0.132$^{**}$ & $-$0.104$^{**}$ \\
##   & (0.028) & (0.029) \\
```

```
##  \hline \\[-1.8ex]
## Observations & 20,276 & 20,276 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the subcommit
##                          senator's county-level appropriation request behavior. Note that these models
## \end{tabular}
## \end{table}
```

Table C.25 Analysis

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Analysis 1: dropping requests greater than 100%
scaled_total_drop_over_100 <- senators_appropriations_matched[which(senators_appropriations_matched$pere

reg1_drop_over_100_fe <- lm.cluster(request_granted ~ amount_percapita_scaled + log.total.requests.made_
                                      dem + on_appropriations + meddist_scaled + mean_core_county_scaled
                                      logpop_scaled + female + seniority_scaled + party_leader +
                                      freshman + mean_pct_urban_scaled + mean_median_household_income_sc
                                    cluster = "senator", data=scaled_total_drop_over_100)

reg1_drop_over_100 <- lm(request_granted ~ amount_percapita_scaled + log.total.requests.made_scaled +
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fact

reg2_drop_over_100_fe <- lm.cluster(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requ
                                      dem + on_appropriations + meddist_scaled + mean_core_county_scaled
                                      logpop_scaled + female + seniority_scaled + party_leader +
                                      freshman + mean_pct_urban_scaled + mean_median_household_income_sc
                                    cluster = "senator", data=scaled_total_drop_over_100)

reg2_drop_over_100 <- lm(percent_request_fulfilled ~ amount_percapita_scaled + log.total.requests.made_s
             dem + on_appropriations + meddist_scaled + mean_core_county_scaled + mean_swing_county_scal
             logpop_scaled + female + seniority_scaled + party_leader +
             freshman + mean_pct_urban_scaled + mean_median_household_income_scaled + any_capital + fact

# Save coefficients and standard errors from the model
cond_drop_over_100  <- data.frame(summary(reg1_drop_over_100_fe))
cond2_drop_over_100  <- data.frame(summary(reg2_drop_over_100_fe))

coefs_drop_over_100 <- c(cond_drop_over_100[,1])
ses_drop_over_100 <- c(cond_drop_over_100[,2])
coefs2_drop_over_100 <- c(cond2_drop_over_100[,1])
ses2_drop_over_100 <- c(cond2_drop_over_100[,2])
```

Table C.25 Output

```
# Save the regression results as a table
# coef and se take the coefficients and standard errors from the clustered model
stargazer(reg1_drop_over_100, reg2_drop_over_100,
          add.lines=list(c("Subcommittee Fixed Effects","\\checkmark","\\checkmark"),
                         c("Year Fixed Effects","\\checkmark","\\checkmark")),
          omit=c("Constant", "subcommittee", "year"),
          notes.append = FALSE,notes.label = "",
          report="vc*s",star.char=c("*","**"),star.cutoffs = c(0.10,0.05),no.space = TRUE,
          font.size = "footnotesize", model.numbers = FALSE,
          dep.var.labels = c("Request Granted (Binary)","Percent of Request Granted"),column.sep.width=
          covariate.labels=c("Request Amount (Per Capita)", "Total Amount of Senator Requests (Log)", "
                             "Member of Appropriations Committee","Distance from DW-NOMINATE Median", "
                             "Log Total Population in Affected Counties", "Senator is a Woman","Seniori
                             "Freshman Senator", "Average Percent Urban Population in Affected Counties
                             "Capital City"),
           notes="\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: The table shows the results fi
           senator's county-level appropriation request behavior. Note that these models are limited to
           All continuous variables are standardized for ease of comparison. Requests granted at over 1
           label="tab1_county_drop_over_100",
           digits=3,
           coef=list(coefs_drop_over_100, coefs2_drop_over_100),
           se=list(ses_drop_over_100, ses2_drop_over_100),
           digits.extra = 0,
           title="Predictors of Approved Spending Requests (Dropping Requests Approved at Over 100 Perc
           omit.stat = c("ll","rsq","adj.rsq","ser","f"))
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Tue, Jul 02, 2024 - 12:50:50
## \begin{table}[!htbp] \centering
##   \caption{Predictors of Approved Spending Requests (Dropping Requests Approved at Over 100 Percent)
##   \label{tab1_county_drop_over_100}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
##  & \multicolumn{2}{c}{\textit{Dependent variable:}} \\
## \cline{2-3}
## \\[-1.8ex] & Request Granted (Binary) & Percent of Request Granted \\
## \hline \\[-1.8ex]
##  Request Amount (Per Capita) & $-$0.007$^{**}$ & $-$0.009$^{*}$ \\
##   & (0.003) & (0.005) \\
##   Total Amount of Senator Requests (Log) & $-$0.129$^{**}$ & $-$0.126$^{**}$ \\
##   & (0.010) & (0.010) \\
##   Joint Request & 0.081$^{**}$ & 0.079$^{**}$ \\
##   & (0.016) & (0.015) \\
##   Number of Counties Affected & 0.004 & 0.003 \\
##   & (0.004) & (0.004) \\
##   Democrat (Majority Party Member) & $-$0.216$^{**}$ & $-$0.187$^{**}$ \\
##   & (0.036) & (0.032) \\
##   Member of Appropriations Committee & 0.107$^{**}$ & 0.102$^{**}$ \\
```

```
##   & (0.023) & (0.021) \\
##   Distance from DW-NOMINATE Median & $-$0.017$^{*}$ & $-$0.017$^{*}$ \\
##   & (0.010) & (0.009) \\
##   Percent Core Counties & $-$0.001 & $-$0.002 \\
##   & (0.009) & (0.008) \\
##   Percent Swing Counties & $-$0.004 & $-$0.007 \\
##   & (0.007) & (0.006) \\
##   Log Total Population in Affected Counties & 0.001 & $-$0.001 \\
##   & (0.013) & (0.012) \\
##   Senator is a Woman & $-$0.016 & $-$0.006 \\
##   & (0.020) & (0.020) \\
##   Seniority & 0.027$^{**}$ & 0.030$^{**}$ \\
##   & (0.012) & (0.013) \\
##   Party Leader & 0.018 & 0.015 \\
##   & (0.021) & (0.020) \\
##   Freshman Senator & 0.046 & 0.042 \\
##   & (0.047) & (0.041) \\
##   Average Percent Urban Population in Affected Counties & 0.001 & $-$0.000 \\
##   & (0.011) & (0.010) \\
##   Average Median Household Income in Affected Counties & $-$0.024$^{**}$ & $-$0.018$^{**}$ \\
##   & (0.007) & (0.006) \\
##   Capital City & 0.012 & 0.014 \\
##   & (0.012) & (0.012) \\
##  \hline \\[-1.8ex]
## Subcommittee Fixed Effects & \checkmark & \checkmark \\
## Year Fixed Effects & \checkmark & \checkmark \\
## Observations & 19,995 & 19,995 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{3}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: The table shows the results fi
##            senator's county-level appropriation request behavior. Note that these models are limited
##            All continuous variables are standardized for ease of comparison. Requests granted at ove
## \end{tabular}
## \end{table}
```

Figures C.1 and C.2

```
# Remove all objects
rm(list=ls())
# Loading the data
load("county_level_allocation_data.RData")

# Separate by if the request got funded
funded <- senators_appropriations_matched[senators_appropriations_matched$request_granted==1,]
not_funded <- senators_appropriations_matched[senators_appropriations_matched$request_granted==0,]

# Load in the udpipe materials for the model
model <- udpipe_download_model(language = "english")
```

```
## Downloading udpipe model from https://raw.githubusercontent.com/jwijffels/udpipe.models.ud.2.5/maste
##  - This model has been trained on version 2.5 of data from https://universaldependencies.org
```

```
##  - The model is distributed under the CC-BY-SA-NC license: https://creativecommons.org/licenses/by-n
##  - Visit https://github.com/jwijffels/udpipe.models.ud.2.5 for model license details.
##  - For a list of all models and their licenses (most models you can download with this package have
## Downloading finished, model stored at '/Users/andy/Library/CloudStorage/Dropbox/appropriation reques
```

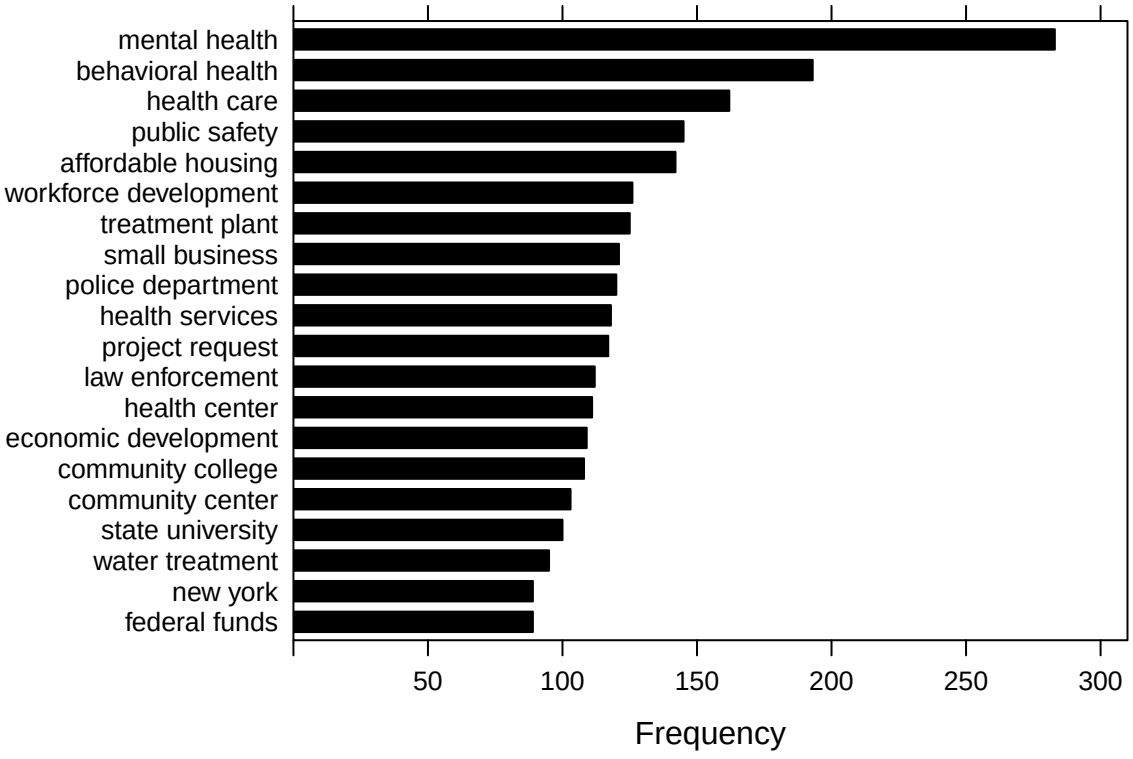
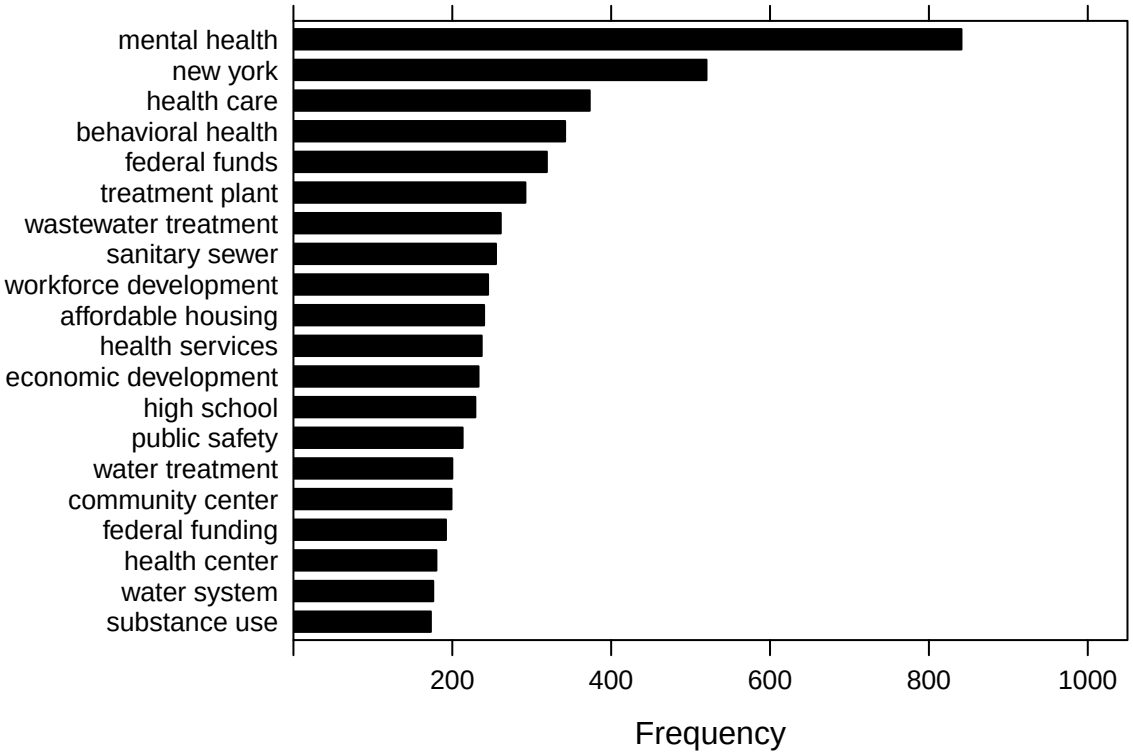
```r
udmodel_english <- udpipe_load_model(file = 'english-ewt-ud-2.5-191206.udpipe')

# Run the model for funded and not funded requests
model_funded <- udpipe_annotate(udmodel_english, funded$purpose)
model_not_funded  <- udpipe_annotate(udmodel_english, not_funded$purpose)

# Turn into dataframes
x_funded <- data.frame(model_funded)
x_not_funded <- data.frame(model_not_funded)

# Using a sequence of POS tags (noun phrases / verb phrases), funded requests
x_funded$phrase_tag <- as_phrasemachine(x_funded$upos, type = "upos")
stats_funded <- keywords_phrases(x = x_funded$phrase_tag, term = tolower(x_funded$token),
                                 pattern = "(A|N)*N(P+D*(A|N)*N)*",
                                 is_regex = TRUE, detailed = FALSE)
stats_funded <- subset(stats_funded, ngram > 1 & freq > 3)
stats_funded$key <- factor(stats_funded$keyword, levels = rev(stats_funded$keyword))
stats_funded <- stats_funded[!grepl("purpose of this project", stats_funded$keyword),]

# Make a bar chart
barchart(key ~ freq, data = head(stats_funded, 20), col = "black",
                       main = "", xlab = "Frequency", xlim=c(0,310))
```



```r
# Using a sequence of POS tags (noun phrases / verb phrases), not funded requests
x_not_funded$phrase_tag <- as_phrasemachine(x_not_funded$upos, type = "upos")
stats_not_funded <- keywords_phrases(x = x_not_funded$phrase_tag, term = tolower(x_not_funded$token),
                                     pattern = "(A|N)*N(P+D*(A|N)*N)*",
                                     is_regex = TRUE, detailed = FALSE)
stats_not_funded <- subset(stats_not_funded, ngram > 1 & freq > 3)
stats_not_funded$key <- factor(stats_not_funded$keyword, levels = rev(stats_not_funded$keyword))
stats_not_funded <- stats_not_funded[!grepl("purpose of this project", stats_not_funded$keyword),]

# Make a bar chart
barchart(key ~ freq, data = head(stats_not_funded, 20), col = "black",
                           main = "", xlab = "Frequency", xlim=c(0,1050))
```