Appendix Code for Legislature Size and Party Unity

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```
#################### Load in the Data

dat_ilin <- read.csv("./Data/ilin_data.csv")

dat_njvt <- read.csv("./Data/njvt_data.csv")
```

```
################################### Section A Descriptive
################################### Information

# Table A.1 Illinois

ilsumstats <- dat_ilin[dat_ilin$state == "IL", ]
ilsumstats <- ilsumstats %>%
    select("partyunity", "partyunityvotes", "bigger", "majority",
        "maj_share", "inc")
stargazer(ilsumstats, summary.stat = c("mean", "sd", "min", "median",
    "max", "n"), covariate.labels = c("Party Unity", "No. of Party Unity Votes",
    "Chamber Larger", "In Majority", "Majority Seat Share", "Incumbent"),
    out = "./Paper/appendix_materials/ilsumstats.tex", digits = 3,
    digits.extra = 3, title = "Summary Statistics: Illinois, 1838 to 1851  \\vspace{-0.75em}",
    label = "ilsumstats")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:40
## \begin{table}[!htbp] \centering
##   \caption{Summary Statistics: Illinois, 1838 to 1851  \vspace{-0.75em}}
##   \label{ilsumstats}
## \begin{tabular}{@{\extracolsep{5pt}}lccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## Statistic & \multicolumn{1}{c}{Mean} & \multicolumn{1}{c}{St. Dev.} & \multicolumn{1}{c}{Min} & \mul
## \hline \\[-1.8ex]
## Party Unity & 0.713 & 0.126 & 0.155 & 0.735 & 1.000 & 670 \\
## No. of Party Unity Votes & 138.080 & 78.019 & 0 & 112 & 348 & 674 \\
## Chamber Larger & 0.522 & 0.500 & 0 & 1 & 1 & 674 \\
## In Majority & 0.631 & 0.483 & 0 & 1 & 1 & 674 \\
## Majority Seat Share & 0.624 & 0.066 & 0.505 & 0.618 & 0.720 & 674 \\
## Incumbent & 0.165 & 0.371 & 0 & 0 & 1 & 674 \\
## \hline \\[-1.8ex]
## \end{tabular}
## \end{table}
```

```r
# Table A.2 Indiana

insumstats <- dat_ilin[dat_ilin$state == "IN", ]
insumstats <- insumstats %>%
    select("partyunity", "partyunityvotes", "bigger", "majority",
        "maj_share", "inc")
stargazer(insumstats, summary.stat = c("mean", "sd", "min", "median",
    "max", "n"), covariate.labels = c("Party Unity", "No. of Party Unity Votes",
    "Chamber Larger", "In Majority", "Majority Seat Share", "Incumbent"),
    out = "./Paper/appendix_materials/insumstats.tex", digits = 3,
    digits.extra = 3, title = "Summary Statistics: Indiana, 1838 to 1851  \\vspace{-0.75em}",
    label = "insumstats")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:41
## \begin{table}[!htbp] \centering
##   \caption{Summary Statistics: Indiana, 1838 to 1851  \vspace{-0.75em}}
##   \label{insumstats}
## \begin{tabular}{@{\extracolsep{5pt}}lccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## Statistic & \multicolumn{1}{c}{Mean} & \multicolumn{1}{c}{St. Dev.} & \multicolumn{1}{c}{Min} & \mul
## \hline \\[-1.8ex]
## Party Unity & 0.736 & 0.130 & 0.068 & 0.758 & 1.000 & 1,327 \\
## No. of Party Unity Votes & 110.208 & 73.616 & 0 & 75 & 388 & 1,331 \\
## Chamber Larger & 0.000 & 0.000 & 0 & 0 & 0 & 1,331 \\
## In Majority & 0.586 & 0.493 & 0 & 1 & 1 & 1,331 \\
## Majority Seat Share & 0.584 & 0.067 & 0.510 & 0.560 & 0.780 & 1,331 \\
## Incumbent & 0.204 & 0.403 & 0 & 0 & 1 & 1,331 \\
## \hline \\[-1.8ex]
## \end{tabular}
## \end{table}
```

```r
# Table A.3 New Jersey

njsumstats <- dat_njvt[dat_njvt$state == "NJ", ]
njsumstats <- njsumstats %>%
    select("partyunity", "partyunityvotes", "bigger", "majority",
        "maj_share", "inc")
stargazer(njsumstats, summary.stat = c("mean", "sd", "min", "median",
    "max", "n"), covariate.labels = c("Party Unity", "No. of Party Unity Votes",
    "Chamber Larger", "In Majority", "Majority Seat Share", "Incumbent"),
    out = "./Paper/appendix_materials/njsumstats.tex", digits = 3,
    digits.extra = 3, title = "Summary Statistics: New Jersey, 1958-1974 \\vspace{-0.75em}",
    label = "njsumstats")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:41
## \begin{table}[!htbp] \centering
##   \caption{Summary Statistics: New Jersey, 1958-1974 \vspace{-0.75em}}
##   \label{njsumstats}
## \begin{tabular}{@{\extracolsep{5pt}}lccccc}
## \\[-1.8ex]\hline
```

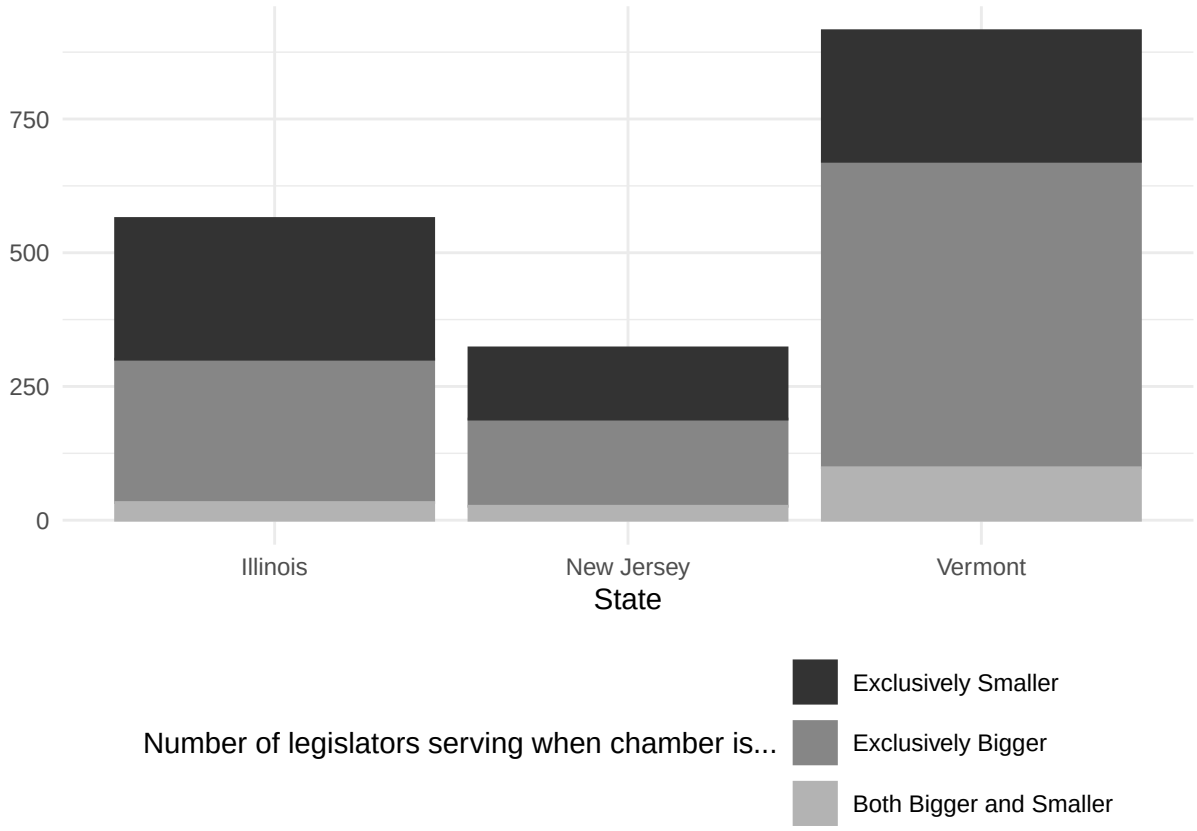
```
## \hline \\[-1.8ex]
## Statistic & \multicolumn{1}{c}{Mean} & \multicolumn{1}{c}{St. Dev.} & \multicolumn{1}{c}{Min} & \mul
## \hline \\[-1.8ex]
## Party Unity & 0.872 & 0.101 & 0.145 & 0.901 & 1.000 & 618 \\
## No. of Party Unity Votes & 89.447 & 32.652 & 0 & 84 & 154 & 619 \\
## Chamber Larger & 0.517 & 0.500 & 0 & 1 & 1 & 619 \\
## In Majority & 0.662 & 0.473 & 0 & 1 & 1 & 619 \\
## Majority Seat Share & 0.663 & 0.102 & 0.500 & 0.683 & 0.825 & 619 \\
## Incumbent & 0.511 & 0.500 & 0 & 1 & 1 & 619 \\
## \hline \\[-1.8ex]
## \end{tabular}
## \end{table}
```

```
# Table A.4 Vermont

vtsumstats <- dat_njvt[dat_njvt$state == "VT", ]
vtsumstats <- vtsumstats %>%
    select("partyunity", "partyunityvotes", "bigger", "majority",
        "maj_share", "inc")

stargazer(vtsumstats, summary.stat = c("mean", "sd", "min", "median",
    "max", "n"), covariate.labels = c("Party Unity", "No. of Party Unity Votes",
    "Chamber Larger", "In Majority", "Majority Seat Share", "Incumbent"),
    out = "./Paper/appendix_materials/vtsumstats.tex", digits = 3,
    digits.extra = 3, title = "Summary Statistics: Vermont, 1957-1973 \\vspace{-0.75em}",
    label = "vtsumstats")
```

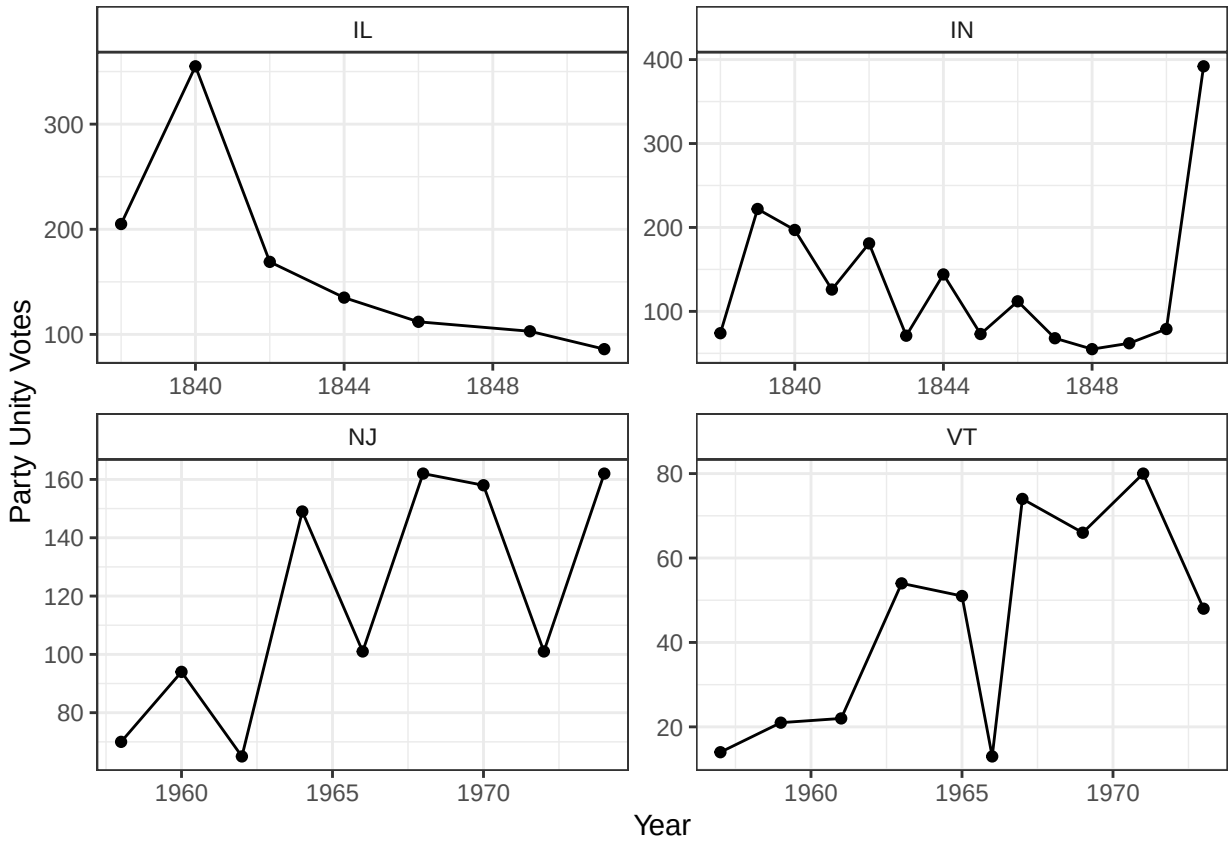
```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:41
## \begin{table}[!htbp] \centering
##   \caption{Summary Statistics: Vermont, 1957-1973 \vspace{-0.75em}}
##   \label{vtsumstats}
## \begin{tabular}{@{\extracolsep{5pt}}lccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## Statistic & \multicolumn{1}{c}{Mean} & \multicolumn{1}{c}{St. Dev.} & \multicolumn{1}{c}{Min} & \mul
## \hline \\[-1.8ex]
## Party Unity & 0.691 & 0.194 & 0.000 & 0.717 & 1.000 & 1,921 \\
## No. of Party Unity Votes & 37.160 & 22.210 & 0 & 39 & 80 & 1,929 \\
## Chamber Larger & 0.621 & 0.485 & 0 & 1 & 1 & 1,929 \\
## In Majority & 0.752 & 0.432 & 0 & 1 & 1 & 1,929 \\
## Majority Seat Share & 0.761 & 0.092 & 0.607 & 0.785 & 0.900 & 1,929 \\
## Incumbent & 0.548 & 0.498 & 0 & 1 & 1 & 1,929 \\
## \hline \\[-1.8ex]
## \end{tabular}
## \end{table}
```

```
# Figure A. 1 legislators before and after and across size
# changes, by state ################

ilsizevariation <- aggregate(bigger ~ ko_id, FUN = mean, data = dat_ilin[dat_ilin$state ==
    "IL" & !is.na(dat_ilin$partyunity), ])
njsizevariation <- aggregate(bigger ~ id, FUN = mean, data = dat_njvt[dat_njvt$state ==
    "NJ" & !is.na(dat_njvt$partyunity), ])
```

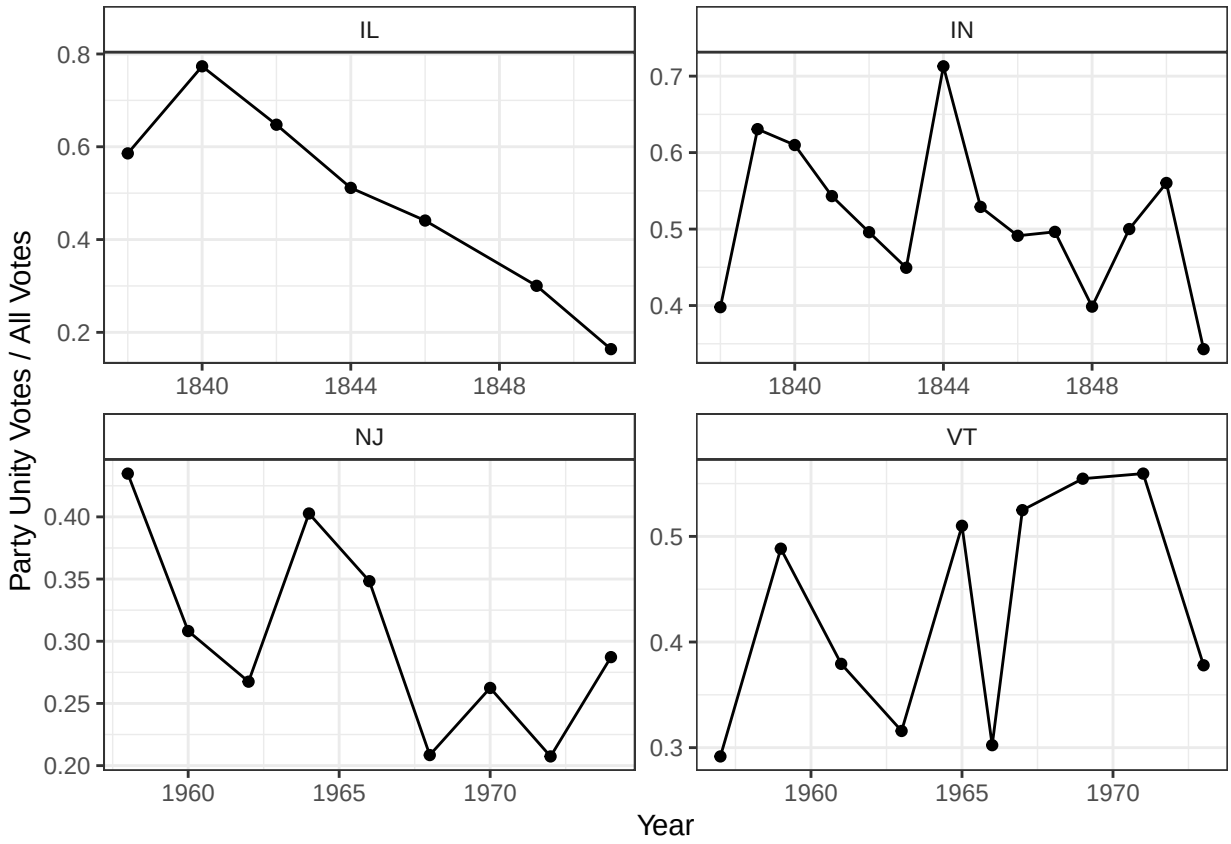
```r
vtsizevariation <- aggregate(bigger ~ id, FUN = mean, data = dat_njvt[dat_njvt$state ==
    "VT" & !is.na(dat_njvt$partyunity), ])

tab <- as.data.frame(rbind(c(sum(ilsizevariation$bigger == 1),
    sum(ilsizevariation$bigger == 0), sum(ilsizevariation$bigger <
        1 & ilsizevariation$bigger > 0)), c(sum(njsizevariation$bigger ==
    1), sum(njsizevariation$bigger == 0), sum(njsizevariation$bigger <
    1 & njsizevariation$bigger > 0)), c(sum(vtsizevariation$bigger ==
    1), sum(vtsizevariation$bigger == 0), sum(vtsizevariation$bigger <
    1 & vtsizevariation$bigger > 0))))

colnames(tab) <- c("Exclusively Bigger", "Exclusively Smaller",
    "Both Bigger and Smaller")
tab$State <- c("Illinois", "New Jersey", "Vermont")
tab <- tab[, c("State", "Exclusively Bigger", "Exclusively Smaller",
    "Both Bigger and Smaller")]

tab_long <- tab %>%
    pivot_longer(cols = `Exclusively Bigger`:`Both Bigger and Smaller`)
tab_long$name <- factor(tab_long$name, levels = c("Exclusively Smaller",
    "Exclusively Bigger", "Both Bigger and Smaller"))

ggplot(data = tab_long, aes(x = State, y = value, group = name,
    colour = name, fill = name)) + geom_bar(stat = "identity") +
    scale_fill_grey(end = 0.7) + scale_colour_grey(end = 0.7) +
    theme_minimal() + ylab("") + labs(fill = "Number of legislators serving when chamber is...",
    colour = "Number of legislators serving when chamber is...") +
    theme(legend.position = "bottom") + guides(fill = guide_legend(nrow = 3,
    byrow = TRUE))
```




```
# Figure A. 2 number of party unity votes ###############

dat_puv <- dat_ilin[, c("year", "state", "all_votes", "tot_puvotes")] %>%
    distinct(.keep_all = T)
njvt_puv <- dat_njvt[, c("year", "state", "all_votes", "tot_puvotes")] %>%
    distinct(.keep_all = T)

puv <- rbind(dat_puv, njvt_puv)
puv$prop_puv <- puv$tot_puvotes/puv$all_votes

ggplot(data = puv, aes(x = year, y = tot_puvotes)) + geom_point() +
    geom_line() + facet_wrap(~state, nrow = 2, scales = "free") +
    theme_bw() + theme(strip.background = element_rect(fill = "white")) +
    xlab("Year") + ylab("Party Unity Votes")
```




```
# Figure A.3 proportion of party unity votes ###############

ggplot(data = puv, aes(x = year, y = prop_puv)) + geom_point() +
    geom_line() + facet_wrap(~state, nrow = 2, scales = "free") +
    theme_bw() + theme(strip.background = element_rect(fill = "white")) +
    xlab("Year") + ylab("Party Unity Votes / All Votes")
```




```
########################################################################################## Section
########################################################################################## A.3
########################################################################################## Exploring
########################################################################################## Other
########################################################################################## Outcomes
########################################################################################## in
########################################################################################## the
########################################################################################## Illinois
########################################################################################## House

# Figure A.4 laws and resolutions
# ###############################################

my_data <- as.data.frame(read_excel("Data/Law_IL.xlsx", sheet = "Laws"))
my_data$Type <- "Law"

my_res <- as.data.frame(read_excel("Data/Law_IL.xlsx", sheet = "Joint Resolutions"))
```

```
## New names:
## * `` -> `...5`
```

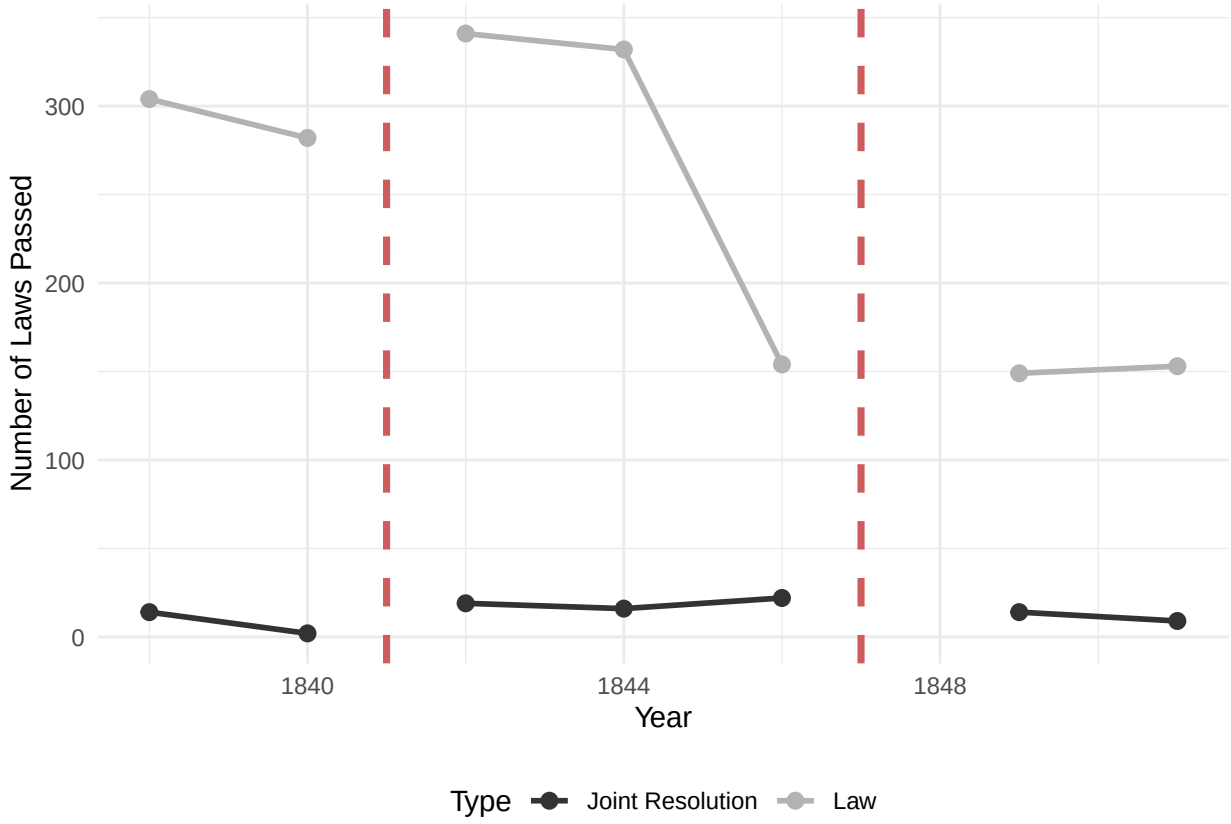
```
my_res$Type <- "Joint Resolution"
my_res <- plyr::rename(my_res, replace = c(JointResolution = "Law",
    ...5 = "Session"))

my_data <- rbind(my_data[, c("Year", "Session", "Law", "Type")],
    my_res[, c("Year", "Session", "Law", "Type")])
```

```r
my_data <- my_data[my_data$Year != 1839 & my_data$Year != 1852,
    ]
my_data <- my_data[is.na(my_data$Session) | my_data$Session ==
    "Session 1", ]

dat_collapsed <- my_data %>%
    group_by(Year, Type) %>%
    summarise(num_laws = sum(Law))
```

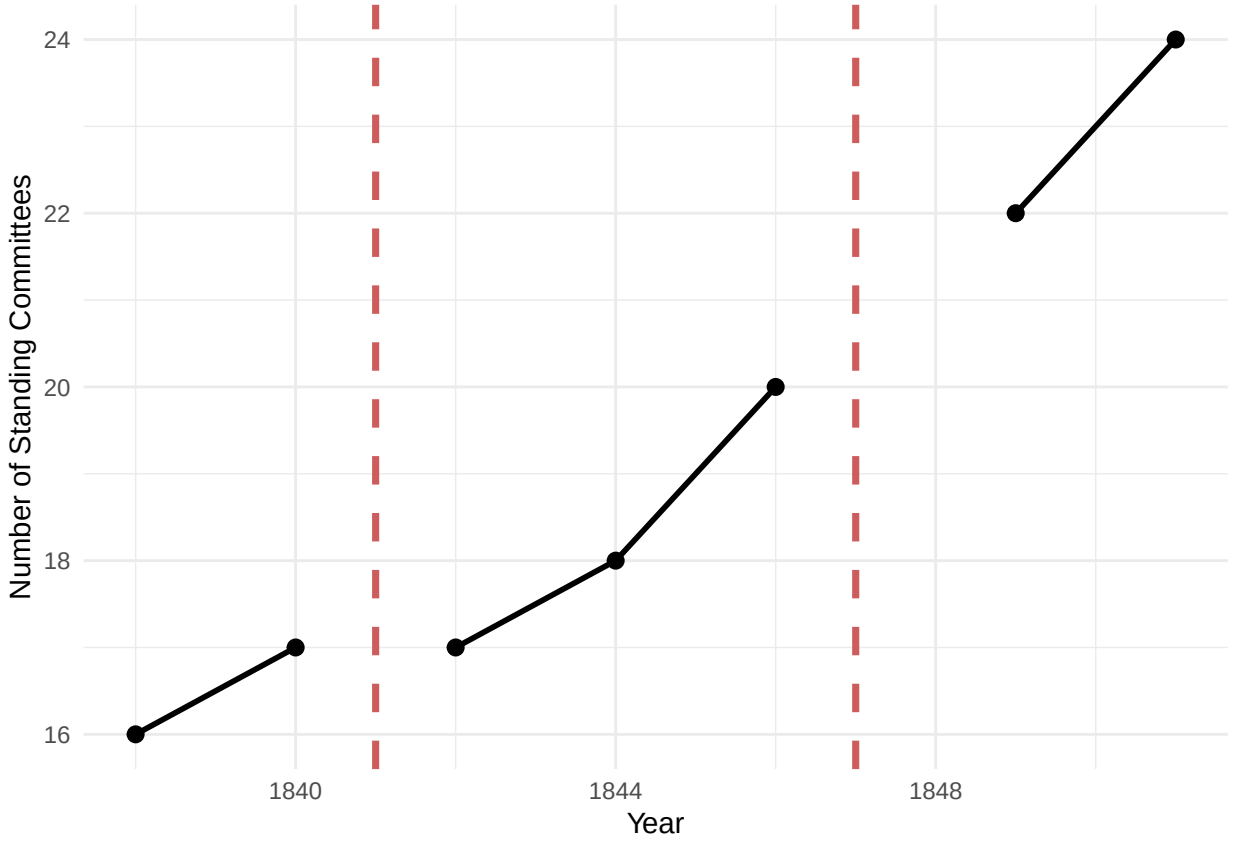
```
## `summarise()` has grouped output by 'Year'. You can override using the
## `.groups` argument.
```

```r
dat_collapsed$bigger3 <- ifelse(dat_collapsed$Year < 1842, 1,
    ifelse(dat_collapsed$Year <= 1846, 2, 3))

ggplot(data = dat_collapsed, aes(x = Year, y = num_laws, group = interaction(bigger3,
    Type), colour = Type)) + stat_summary(geom = "point", fun = "mean",
    size = 2.5) + stat_summary(geom = "line", fun = "mean", size = 1) +
    xlab("Year") + ylab("Number of Laws Passed") + geom_vline(xintercept = 1841,
    colour = "indianred", linetype = 2, size = 1.25) + geom_vline(xintercept = 1847,
    colour = "indianred", linetype = 2, size = 1.25) + theme_minimal() +
    scale_colour_grey(end = 0.7) + theme(legend.position = "bottom")
```

```
## Warning: Using `size` aesthetic for lines was deprecated in ggplot2 3.4.0.
## i Please use `linewidth` instead.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_lifecycle_warnings()` to see where this warning was
## generated.
```



```r
# Figure A.5 Committees
# ##################################################################

my_comms <- as.data.frame(read_excel("Data/Law_IL.xlsx", sheet = "Standing Committees"))
my_comms <- my_comms[!is.na(my_comms$Committees), ]

my_comms$bigger3 <- ifelse(my_comms$Year < 1842, 1, ifelse(my_comms$Year <=
    1846, 2, 3))

ggplot(data = my_comms, aes(x = Year, y = Committees, group = bigger3)) +
    stat_summary(geom = "point", fun = "mean", size = 2.5) +
    stat_summary(geom = "line", fun = "mean", size = 1) + xlab("Year") +
    ylab("Number of Standing Committees") + geom_vline(xintercept = 1841,
    colour = "indianred", linetype = 2, size = 1.25) + geom_vline(xintercept = 1847,
    colour = "indianred", linetype = 2, size = 1.25) + scale_colour_viridis_d(begin = 0.3,
    end = 0.7) + theme_minimal()
```




```r
############################################################################## Robustness
############################################################################## Checks
############################################################################## ##########

# Table B.1, only SMDs Illinois/Indiana
# ########################################

dat_ilin$measure <- dat_ilin$bigger
state_smd <- felm(partyunity ~ measure + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
```

```
    0, ])
state_int_smd <- felm(partyunity ~ measure * majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
    0, ])

dat_ilin$measure <- dat_ilin$lht
state_cont_smd <- felm(partyunity ~ measure + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
    0, ])
state_int_cont_smd <- felm(partyunity ~ measure * majority +
    maj_share + inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
    0, ])

dist_smd <- felm(partyunity ~ bigger + majority + maj_share +
    inc | county + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
    0, ])
dist_cont_smd <- felm(partyunity ~ lht + majority + maj_share +
    inc | county + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mmd ==
    0, ])
single_smd <- felm(partyunity ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$single_il_county_sample ==
    1 & dat_ilin$mmd == 0, ])
single_cont_smd <- felm(partyunity ~ lht + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$single_il_county_sample ==
    1 & dat_ilin$mmd == 0, ])

ilinsg_smd <- stargazer(state_smd, state_int_smd, state_cont_smd,
    state_int_cont_smd, dep.var.labels = c("Party Unity Score"),
    order = c(1, 5, 2, 3, 4), covariate.labels = c("Chamber Measure",
        "Chamber $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Chamber Measure", "\\multicolumn{2}{c}{Indicator}",
        "\\multicolumn{2}{c}{Continuous} \\\\ %"), c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{State + Year} \\\\ %")),
    title = "Illinois and Indiana, 1838 to 1851, Single-Member Districts \\vspace{-0.75em}",
    label = "ilintab_smd", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                    standard errors clustered by legislator in parentheses. Observations are at the l
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:50
## \begin{table}[!ht] \centering
##   \caption{Illinois and Indiana, 1838 to 1851, Single-Member Districts \vspace{-0.75em}}
##   \label{ilintab_smd}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Measure & $-$0.043$^{**}$ & $-$0.010 & $-$0.001$^{*}$ & 0.0001 \\
##   & (0.020) & (0.026) & (0.0005) & (0.001) \\
```

```
##   Chamber $\times$ In Maj. &  & $-$0.046$^{*}$ &  & $-$0.001$^{*}$ \\
##   &  & (0.023) &  & (0.001) \\
##   In Majority & $-$0.006 & 0.0002 & $-$0.006 & 0.125$^{*}$ \\
##   & (0.008) & (0.008) & (0.008) & (0.074) \\
##   Majority Seat Share & $-$0.256$^{**}$ & $-$0.259$^{**}$ & $-$0.294$^{**}$ & $-$0.295$^{**}$ \\
##   & (0.088) & (0.088) & (0.081) & (0.081) \\
##   Incumbent & 0.008 & 0.008 & 0.008 & 0.009 \\
##   & (0.009) & (0.009) & (0.009) & (0.009) \\
##  \hline \\[-1.8ex]
## Chamber Measure & \multicolumn{2}{c}{Indicator} & \multicolumn{2}{c}{Continuous} \\ % &  &  \\
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 998 & 998 & 998 & 998 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                       standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_mech_smd <- stargazer(dist_smd, dist_cont_smd, single_smd,
    single_cont_smd, dep.var.labels = c("Party Unity Score"),
    order = c(1, 2, 3, 4, 5), covariate.labels = c("Chamber Larger",
        "Chamber Size", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Sample", "\\multicolumn{2}{c}{All SMDs}",
        "\\multicolumn{2}{c}{Single IL County + SMD} \\\\ %"),
        c("Fixed Effects", "\\multicolumn{2}{c}{District + Year}",
            "\\multicolumn{2}{c}{State + Year} \\\\ %")), title = "Illinois and Indiana, 1838 to 1851, S
    label = "ilintab_smd", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                      standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:51
## \begin{table}[!ht] \centering
##   \caption{Illinois and Indiana, 1838 to 1851, Single-Member Districts \vspace{-0.75em}}
##   \label{ilintab_smd}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.038 &  & $-$0.055$^{**}$ &  \\
##   & (0.024) &  & (0.023) &  \\
##   Chamber Size &  & $-$0.001 &  & $-$0.001$^{**}$ \\
##   &  & (0.001) &  & (0.001) \\
##   In Majority & $-$0.006 & $-$0.006 & $-$0.002 & $-$0.002 \\
##   & (0.009) & (0.009) & (0.008) & (0.008) \\
##   Majority Seat Share & $-$0.242$^{**}$ & $-$0.263$^{**}$ & $-$0.218$^{**}$ & $-$0.252$^{**}$ \\
##   & (0.100) & (0.094) & (0.090) & (0.085) \\
##   Incumbent & 0.001 & 0.001 & 0.007 & 0.007 \\
```

```
##   & (0.010) & (0.010) & (0.010) & (0.010) \\
##  \hline \\[-1.8ex]
## Sample & \multicolumn{2}{c}{All SMDs} & \multicolumn{2}{c}{Single IL County + SMD} \\ % &  &  \\
## Fixed Effects & \multicolumn{2}{c}{District + Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 998 & 998 & 852 & 852 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_smd, ilinsg_mech_smd, panel.label.fontface = "bold",
    panel.names = c("Base Models", "Mechanism Tests"), same.summary.stats = F,
    same.lhs.vars = F)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:51"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Illinois and Indiana, 1838 to 1851, Single-Member Districts \\vspace{-0.75em}} "
##  [6] "  \\label{ilintab_smd} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Base Models}}\n \\\\\n \\\\[-1.5ex]"
## [13] " Chamber Measure & $-$0.043$^{**}$ & $-$0.010 & $-$0.001$^{*}$ & 0.0001 \\\\ "
## [14] "  & (0.020) & (0.026) & (0.0005) & (0.001) \\\\ "
## [15] "  Chamber $\\times$ In Maj. &  & $-$0.046$^{*}$ &  & $-$0.001$^{*}$ \\\\ "
## [16] "  &  & (0.023) &  & (0.001) \\\\ "
## [17] "  In Majority & $-$0.006 & 0.0002 & $-$0.006 & 0.125$^{*}$ \\\\ "
## [18] "  & (0.008) & (0.008) & (0.008) & (0.074) \\\\ "
## [19] "  Majority Seat Share & $-$0.256$^{**}$ & $-$0.259$^{**}$ & $-$0.294$^{**}$ & $-$0.295$^{**}$ \
## [20] "  & (0.088) & (0.088) & (0.081) & (0.081) \\\\ "
## [21] "  Incumbent & 0.008 & 0.008 & 0.008 & 0.009 \\\\ "
## [22] "  & (0.009) & (0.009) & (0.009) & (0.009) \\\\ "
## [23] "\\cline{2-5} \\\\[-2.0ex]"
## [24] "Chamber Measure & \\multicolumn{2}{c}{Indicator} & \\multicolumn{2}{c}{Continuous} \\\\ % &  &
## [25] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{State + Year} \\\\ % &
## [26] "Observations & 998 & 998 & 998 & 998 \\\\ "
## [27] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [28] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Mechanism Tests}}\n \\\\\n \\\\[-1.5ex]
## [29] " Chamber Larger & $-$0.038 &  & $-$0.055$^{**}$ &  \\\\ "
## [30] "  & (0.024) &  & (0.023) &  \\\\ "
## [31] "  Chamber Size &  & $-$0.001 &  & $-$0.001$^{**}$ \\\\ "
## [32] "  &  & (0.001) &  & (0.001) \\\\ "
## [33] "  In Majority & $-$0.006 & $-$0.006 & $-$0.002 & $-$0.002 \\\\ "
## [34] "  & (0.009) & (0.009) & (0.008) & (0.008) \\\\ "
## [35] "  Majority Seat Share & $-$0.242$^{**}$ & $-$0.263$^{**}$ & $-$0.218$^{**}$ & $-$0.252$^{**}$ \
## [36] "  & (0.100) & (0.094) & (0.090) & (0.085) \\\\ "
## [37] "  Incumbent & 0.001 & 0.001 & 0.007 & 0.007 \\\\ "
## [38] "  & (0.010) & (0.010) & (0.010) & (0.010) \\\\ "
```

```
## [39] "\\cline{2-5} \\\\[-2.0ex]"
## [40] "Sample & \\multicolumn{2}{c}{All SMDs} & \\multicolumn{2}{c}{Single IL County + SMD} \\\\ % &
## [41] "Fixed Effects & \\multicolumn{2}{c}{District + Year} & \\multicolumn{2}{c}{State + Year} \\\\ %
## [42] "Observations & 998 & 998 & 852 & 852 \\\\ "
## [43] "\\\\[-2.0ex]"
## [44] "\\hline "
## [45] "\\hline \\\\[-1.8ex] "
## [46] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [47] "                        standard errors clustered by legislator in parentheses. Observations ar
## [48] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [49] "\\end{tabular} "
## [50] "\\end{table} "
```

```
# Table B.2, controlling number of legs Illinois/Indiana
# ########################################

state_mem <- felm(partyunity ~ bigger + majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem <- felm(partyunity ~ bigger + majority + maj_share + inc +
    n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
state_mem2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
state_mem3 <- felm(partyunity ~ bigger * n_mem + majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem3 <- felm(partyunity ~ bigger * n_mem + majority + maj_share +
    inc + n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

state_mem4 <- felm(partyunity ~ lht + majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem4 <- felm(partyunity ~ lht + majority + maj_share + inc +
    n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
state_mem5 <- felm(partyunity ~ lht * majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem5 <- felm(partyunity ~ lht * majority + maj_share + inc +
    n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
state_mem6 <- felm(partyunity ~ lht * n_mem + majority + maj_share +
    inc + n_mem | state + mod_year | 0 | ko_id, data = dat_ilin)
id_mem6 <- felm(partyunity ~ lht * n_mem + majority + maj_share +
    inc + n_mem | ko_id + mod_year | 0 | ko_id, data = dat_ilin)


ilinsg_numem <- stargazer(state_mem, state_mem2, state_mem3,
    id_mem, id_mem2, id_mem3, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 5, 2, 3, 4, 6), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ Majority", "Larger $\\times$ Number of Legislators",
        "In Majority", "Majority Seat Share", "Incumbent", "Number of Legislators"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "State + Year", "State + Year",
        "State + Year", "Leg. + Year", "Leg. + Year", "Leg. + Year")),
    title = "Controlling for Multi-Member Districts: Illinois and Indiana, 1838 to 1851 \\vspace{-0.75e
    label = "ilintab_numem", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, column.sep.width = "-2pt",
```

```
    omit.table.layout = "l#", star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), font.size = "footnotesize", notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{No
                    standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:52
## \begin{table}[!ht] \centering
##   \caption{Controlling for Multi-Member Districts: Illinois and Indiana, 1838 to 1851 \vspace{-0.75en
##   \label{ilintab_numem}
## \footnotesize
## \begin{tabular}{@{\extracolsep{-2pt}}lcccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{6}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.067$^{**}$ & $-$0.020 & $-$0.033 & $-$0.100$^{**}$ & $-$0.079$^{*}$ & $-$0.100
##   & (0.015) & (0.018) & (0.021) & (0.024) & (0.045) & (0.034) \\
##   Larger $\times$ Majority &  & $-$0.069$^{**}$ &  &  & $-$0.028 &  \\
##   &  & (0.017) &  &  & (0.047) &  \\
##   Larger $\times$ Number of Legislators &  &  & $-$0.016$^{**}$ &  &  & $-$0.00003 \\
##   &  &  & (0.008) &  &  & (0.015) \\
##   In Majority & $-$0.023$^{**}$ & $-$0.011$^{*}$ & $-$0.023$^{**}$ & $-$0.003 & $-$0.002 & $-$0.003
##   & (0.006) & (0.006) & (0.006) & (0.008) & (0.008) & (0.008) \\
##   Majority Seat Share & $-$0.140$^{**}$ & $-$0.151$^{**}$ & $-$0.139$^{**}$ & 0.017 & 0.017 & 0.017
##   & (0.060) & (0.060) & (0.060) & (0.088) & (0.088) & (0.089) \\
##   Incumbent & 0.013$^{*}$ & 0.014$^{**}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Number of Legislators & 0.008$^{**}$ & 0.008$^{**}$ & 0.012$^{**}$ & 0.015 & 0.014 & 0.015 \\
##   & (0.003) & (0.003) & (0.003) & (0.009) & (0.009) & (0.010) \\
##  \hline \\[-1.8ex]
## Fixed Effects & State + Year & State + Year & State + Year & Leg. + Year & Leg. + Year & Leg. + Year
## Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{7}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                       standard errors clustered by legislator in parentheses. Observations are at th
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_numem_cont <- stargazer(state_mem4, state_mem5, state_mem6,
    id_mem4, id_mem5, id_mem6, dep.var.labels = c("Party Unity Score",
        "Party Unity (80\\%)"), order = c(1, 7, 5, 2, 3, 4, 6),
    covariate.labels = c("Chamber Size", "Size $\\times$ Majority",
        "Size $\\times$ Number of Legislators", "In Majority",
        "Majority Seat Share", "Incumbent", "Number of Legislators"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    font.size = "footnotesize", add.lines = list(c("Fixed Effects",
        "State + Year", "State + Year", "State + Year", "Leg. + Year",
        "Leg. + Year", "Leg. + Year")), title = "Incorporating the Number of Legislators Representing th
    label = "ilintab_numem", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, column.sep.width = "0pt",
```

```
    omit.table.layout = "l#", star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear regre
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:53
## \begin{table}[!ht] \centering
##   \caption{Incorporating the Number of Legislators Representing the District: Illinois and Indiana, 
##   \label{ilintab_numem}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{6}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0005 & $-$0.0004 & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.0
##   & (0.0003) & (0.0005) & (0.001) & (0.001) & (0.001) & (0.001) \\
##   Size $\times$ Majority &  & $-$0.001$^{**}$ &  &  & $-$0.0002 &  \\
##   &  & (0.001) &  &  & (0.001) &  \\
##   Size $\times$ Number of Legislators &  &  & $-$0.0004$^{*}$ &  &  & 0.00005 \\
##   &  &  & (0.0002) &  &  & (0.0005) \\
##   In Majority & $-$0.023$^{**}$ & 0.093$^{*}$ & $-$0.023$^{**}$ & $-$0.003 & 0.022 & $-$0.003 \\
##   & (0.006) & (0.052) & (0.006) & (0.008) & (0.119) & (0.008) \\
##   Majority Seat Share & $-$0.205$^{**}$ & $-$0.211$^{**}$ & $-$0.196$^{**}$ & $-$0.014 & $-$0.014 & $
##   & (0.055) & (0.055) & (0.055) & (0.087) & (0.087) & (0.087) \\
##   Incumbent & 0.014$^{*}$ & 0.014$^{**}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Number of Legislators & 0.009$^{**}$ & 0.008$^{**}$ & 0.054$^{**}$ & 0.016$^{*}$ & 0.016$^{*}$ & 0
##   & (0.003) & (0.003) & (0.024) & (0.009) & (0.009) & (0.050) \\
##  \hline \\[-1.8ex]
## Fixed Effects & State + Year & State + Year & State + Year & Leg. + Year & Leg. + Year & Leg. + Year
## Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{7}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                       standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_numem, ilinsg_numem_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.summary.stats = T, same.lhs.vars = F)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:53"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Controlling for Multi-Member Districts: Illinois and Indiana, 1838 to 1851 \\vspac
##  [6] "  \\label{ilintab_numem} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{-2pt}}lcccccc} "
```

```
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{6}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{7}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n "
## [14] " Chamber Larger & $-$0.067$^{**}$ & $-$0.020 & $-$0.033 & $-$0.100$^{**}$ & $-$0.079$^{*}$ & $-
## [15] "  & (0.015) & (0.018) & (0.021) & (0.024) & (0.045) & (0.034) \\\\ "
## [16] "  Larger $\\times$ Majority &  & $-$0.069$^{**}$ &  &  & $-$0.028 &  \\\\ "
## [17] "  &  & (0.017) &  &  & (0.047) &  \\\\ "
## [18] "  Larger $\\times$ Number of Legislators &  &  & $-$0.016$^{**}$ &  &  & $-$0.00003 \\\\ "
## [19] "  &  &  & (0.008) &  &  & (0.015) \\\\ "
## [20] "  In Majority & $-$0.023$^{**}$ & $-$0.011$^{*}$ & $-$0.023$^{**}$ & $-$0.003 & $-$0.002 & $-$0
## [21] "  & (0.006) & (0.006) & (0.006) & (0.008) & (0.008) & (0.008) \\\\ "
## [22] "  Majority Seat Share & $-$0.140$^{**}$ & $-$0.151$^{**}$ & $-$0.139$^{**}$ & 0.017 & 0.017 & 0
## [23] "  & (0.060) & (0.060) & (0.060) & (0.088) & (0.088) & (0.089) \\\\ "
## [24] "  Incumbent & 0.013$^{*}$ & 0.014$^{**}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}
## [25] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [26] "  Number of Legislators & 0.008$^{**}$ & 0.008$^{**}$ & 0.012$^{**}$ & 0.015 & 0.014 & 0.015 \\
## [27] "  & (0.003) & (0.003) & (0.003) & (0.009) & (0.009) & (0.010) \\\\ "
## [28] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [29] "\\\\[-2.0ex] \\multicolumn{7}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [30] " Chamber Size & $-$0.001$^{**}$ & $-$0.0005 & $-$0.0004 & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $
## [31] "  & (0.0003) & (0.0005) & (0.001) & (0.001) & (0.001) & (0.001) \\\\ "
## [32] "  Size $\\times$ Majority &  & $-$0.001$^{**}$ &  &  & $-$0.0002 &  \\\\ "
## [33] "  &  & (0.001) &  &  & (0.001) &  \\\\ "
## [34] "  Size $\\times$ Number of Legislators &  &  & $-$0.0004$^{*}$ &  &  & 0.00005 \\\\ "
## [35] "  &  &  & (0.0002) &  &  & (0.0005) \\\\ "
## [36] "  In Majority & $-$0.023$^{**}$ & 0.093$^{*}$ & $-$0.023$^{**}$ & $-$0.003 & 0.022 & $-$0.003 \
## [37] "  & (0.006) & (0.052) & (0.006) & (0.008) & (0.119) & (0.008) \\\\ "
## [38] "  Majority Seat Share & $-$0.205$^{**}$ & $-$0.211$^{**}$ & $-$0.196$^{**}$ & $-$0.014 & $-$0.0
## [39] "  & (0.055) & (0.055) & (0.055) & (0.087) & (0.087) & (0.087) \\\\ "
## [40] "  Incumbent & 0.014$^{*}$ & 0.014$^{**}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}
## [41] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [42] "  Number of Legislators & 0.009$^{**}$ & 0.008$^{**}$ & 0.054$^{**}$ & 0.016$^{*}$ & 0.016$^{*}
## [43] "  & (0.003) & (0.003) & (0.024) & (0.009) & (0.009) & (0.050) \\\\ "
## [44] " \\hline \\\\[-1.8ex] "
## [45] "Fixed Effects & State + Year & State + Year & State + Year & Leg. + Year & Leg. + Year & Leg. +
## [46] "Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [47] "\\hline "
## [48] "\\hline \\\\[-1.8ex] "
## [49] "\\multicolumn{7}{r}{\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
## [50] "                        standard errors clustered by legislator in parentheses. Observations ar
## [51] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [52] "\\end{tabular} "
## [53] "\\end{table} "
```

```r
# Table B.3 controlling for number of party unity votes
# Illinois/Indiana
# ##############################################

# total votes

tot <- felm(partyunity ~ bigger + majority + maj_share + inc +
    tot_puvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
```

```
inttot <- felm(partyunity ~ bigger * majority + maj_share + inc +
    tot_puvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
tot2 <- felm(partyunity ~ bigger + majority + maj_share + inc +
    tot_puvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
inttot2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + tot_puvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

tot3 <- felm(partyunity ~ lht + majority + maj_share + inc +
    tot_puvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
inttot3 <- felm(partyunity ~ lht * majority + maj_share + inc +
    tot_puvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
tot4 <- felm(partyunity ~ lht + majority + maj_share + inc +
    tot_puvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
inttot4 <- felm(partyunity ~ lht * majority + maj_share + inc +
    tot_puvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

# individual votes

ind <- felm(partyunity ~ bigger + majority + maj_share + inc +
    partyunityvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
intind <- felm(partyunity ~ bigger * majority + maj_share + inc +
    partyunityvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
ind2 <- felm(partyunity ~ bigger + majority + maj_share + inc +
    partyunityvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
intind2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunityvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

ind3 <- felm(partyunity ~ lht + majority + maj_share + inc +
    partyunityvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
intind3 <- felm(partyunity ~ lht * majority + maj_share + inc +
    partyunityvotes | state + mod_year | 0 | ko_id, data = dat_ilin)
ind4 <- felm(partyunity ~ lht + majority + maj_share + inc +
    partyunityvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
intind4 <- felm(partyunity ~ lht * majority + maj_share + inc +
    partyunityvotes | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

ilinsg_controlpu <- stargazer(tot, ind, inttot, intind, tot2,
    ind2, inttot2, intind2, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Total P.U. Votes", "Individual P.U. Votes"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Controlling for Number of Party Uni
    label = "ilintab_pu", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 2, column.sep.width = "0pt",
    font.size = "footnotesize", omit.table.layout = "l#", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                    standard errors clustered by legislator in parentheses. Observations are at the
             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

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

```
## % Date and time: Fri, Aug 09, 2024 - 11:27:54
## \begin{table}[!ht] \centering
##   \caption{Controlling for Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \vspace{-
##   \label{ilintab_pu}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{8}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.065$^{**}$ & $-$0.065$^{**}$ & $-$0.018 & $-$0.018 & $-$0.084$^{**}$ & $-$0.08
##   & (0.015) & (0.015) & (0.018) & (0.018) & (0.024) & (0.024) & (0.043) & (0.044) \\
##   Larger $\times$ In Maj. &  &  & $-$0.071$^{**}$ & $-$0.071$^{**}$ &  &  & $-$0.028 & $-$0.029 \\
##   &  &  & (0.017) & (0.017) &  &  & (0.046) & (0.046) \\
##   In Majority & $-$0.023$^{**}$ & $-$0.023$^{**}$ & $-$0.012$^{**}$ & $-$0.012$^{**}$ & $-$0.002 & $-
##   & (0.006) & (0.006) & (0.006) & (0.006) & (0.008) & (0.008) & (0.008) & (0.008) \\
##   Majority Seat Share & $-$0.132$^{**}$ & $-$0.132$^{**}$ & $-$0.144$^{**}$ & $-$0.143$^{**}$ & 0.000
##   & (0.061) & (0.061) & (0.061) & (0.061) & (0.089) & (0.089) & (0.088) & (0.089) \\
##   Incumbent & 0.013$^{*}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.015$^{**}$ & 0.013$^{*}$ & 0.014$^{*}$ &
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Total P.U. Votes & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  \\
##   & (0.00003) &  & (0.00003) &  & (0.0001) &  & (0.0001) &  \\
##   Individual P.U. Votes &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0001$^{*}$ &  & 0.0001$^{*}$ \\
##   &  & (0.00004) &  & (0.00004) &  & (0.0001) &  & (0.0001) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{State + Year} & \multicolumn{2}
## Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                         standard errors clustered by legislator in parentheses. Observations are at th
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_controlpu_cont <- stargazer(tot3, ind3, inttot3, intind3,
    tot4, ind4, inttot4, intind4, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Total P.U. Votes", "Individual P.U. Votes"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Controlling for Number of Party Uni
    label = "ilintab_pu", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, column.sep.width = "0pt",
    font.size = "footnotesize", omit.table.layout = "l#", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:55
## \begin{table}[!ht] \centering
```

```
##   \caption{Controlling for Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \vspace{-
##   \label{ilintab_pu}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{8}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001 & $-$0.001 & $-$0.002$^{**}$ & $-$0.002
##   & (0.0003) & (0.0003) & (0.0005) & (0.0005) & (0.001) & (0.001) & (0.001) & (0.001) \\
##   Size $\times$ In Maj. &  &  & $-$0.001$^{**}$ & $-$0.001$^{**}$ &  &  & $-$0.0003 & $-$0.0003 \\
##   &  &  & (0.001) & (0.001) &  &  & (0.001) & (0.001) \\
##   In Majority & $-$0.023$^{**}$ & $-$0.023$^{**}$ & 0.094$^{*}$ & 0.093$^{*}$ & $-$0.003 & $-$0.002 &
##   & (0.006) & (0.006) & (0.052) & (0.052) & (0.008) & (0.008) & (0.110) & (0.111) \\
##   Majority Seat Share & $-$0.185$^{**}$ & $-$0.186$^{**}$ & $-$0.191$^{**}$ & $-$0.192$^{**}$ & $-$0
##   & (0.056) & (0.056) & (0.056) & (0.056) & (0.087) & (0.087) & (0.086) & (0.087) \\
##   Incumbent & 0.014$^{**}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.015$^{**}$ & 0.013$^{*}$ & 0.014$^{**}$
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Total P.U. Votes & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  \\
##   & (0.00003) &  & (0.00003) &  & (0.0001) &  & (0.0001) &  \\
##   Individual P.U. Votes &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0001$^{**}$
##   &  & (0.00004) &  & (0.00004) &  & (0.0001) &  & (0.0001) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{State + Year} & \multicolumn{2}
## Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_controlpu, ilinsg_controlpu_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:55"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Controlling for Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \\
##  [6] "  \\label{ilintab_pu} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{0pt}}lcccccccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{8}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [14] " Chamber Larger & $-$0.065$^{**}$ & $-$0.065$^{**}$ & $-$0.018 & $-$0.018 & $-$0.084$^{**}$ &
## [15] "  & (0.015) & (0.015) & (0.018) & (0.018) & (0.024) & (0.024) & (0.043) & (0.044) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  &  & $-$0.071$^{**}$ & $-$0.071$^{**}$ &  &  & $-$0.028 & $-$0.0
## [17] "  &  &  & (0.017) & (0.017) &  &  & (0.046) & (0.046) \\\\ "
## [18] "  In Majority & $-$0.023$^{**}$ & $-$0.023$^{**}$ & $-$0.012$^{**}$ & $-$0.012$^{**}$ & $-$0.0
```

```
## [19] "  & (0.006) & (0.006) & (0.006) & (0.006) & (0.008) & (0.008) & (0.008) & (0.008) \\\\ "
## [20] "  Majority Seat Share & $-$0.132$^{**}$ & $-$0.132$^{**}$ & $-$0.144$^{**}$ & $-$0.143$^{**}$ &
## [21] "  & (0.061) & (0.061) & (0.061) & (0.061) & (0.089) & (0.089) & (0.088) & (0.089) \\\\ "
## [22] "  Incumbent & 0.013$^{*}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.015$^{**}$ & 0.013$^{*}$ & 0.014$^
## [23] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [24] "  Total P.U. Votes & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &
## [25] "  & (0.00003) &  & (0.00003) &  & (0.0001) &  & (0.0001) &  \\\\ "
## [26] "  Individual P.U. Votes &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0001$^{*}$ &  & 0.0001$^{
## [27] "  &  & (0.00004) &  & (0.00004) &  & (0.0001) &  & (0.0001) \\\\ "
## [28] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [29] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [30] " Chamber Size & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001 & $-$0.001 & $-$0.002$^{**}$ & $-$
## [31] "  & (0.0003) & (0.0003) & (0.0005) & (0.0005) & (0.001) & (0.001) & (0.001) & (0.001) \\\\ "
## [32] "  Size $\\times$ In Maj. &  &  & $-$0.001$^{**}$ & $-$0.001$^{**}$ &  &  & $-$0.0003 & $-$0.000
## [33] "  &  &  & (0.001) & (0.001) &  &  & (0.001) & (0.001) \\\\ "
## [34] "  In Majority & $-$0.023$^{**}$ & $-$0.023$^{**}$ & 0.094$^{*}$ & 0.093$^{*}$ & $-$0.003 & $-$0
## [35] "  & (0.006) & (0.006) & (0.052) & (0.052) & (0.008) & (0.008) & (0.110) & (0.111) \\\\ "
## [36] "  Majority Seat Share & $-$0.185$^{**}$ & $-$0.186$^{**}$ & $-$0.191$^{**}$ & $-$0.192$^{**}$ &
## [37] "  & (0.056) & (0.056) & (0.056) & (0.056) & (0.087) & (0.087) & (0.086) & (0.087) \\\\ "
## [38] "  Incumbent & 0.014$^{**}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.015$^{**}$ & 0.013$^{*}$ & 0.014$
## [39] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [40] "  Total P.U. Votes & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &
## [41] "  & (0.00003) &  & (0.00003) &  & (0.0001) &  & (0.0001) &  \\\\ "
## [42] "  Individual P.U. Votes &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0002$^{**}$ &  & 0.0001$^
## [43] "  &  & (0.00004) &  & (0.00004) &  & (0.0001) &  & (0.0001) \\\\ "
## [44] " \\hline \\\\[-1.8ex] "
## [45] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{State + Year} & \\multi
## [46] "Observations & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [47] "\\hline "
## [48] "\\hline \\\\[-1.8ex] "
## [49] "\\multicolumn{9}{r}{\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
## [50] "                        standard errors clustered by legislator in parentheses. Observations ar
## [51] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [52] "\\end{tabular} "
## [53] "\\end{table} "
```

```
# Table B.4 weighting by individual party unity votes
# Illinois/Indiana ####################

weight <- felm(partyunity ~ bigger + majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
int_weight <- felm(partyunity ~ bigger * majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
weight2 <- felm(partyunity ~ bigger + majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
int_weight2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)

weight_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
int_weight_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
weight_cont2 <- felm(partyunity ~ lht + majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)
```

```
int_weight_cont2 <- felm(partyunity ~ lht * majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin, weights = dat_ilin$partyunityvotes)

ilinsg_weight_pu <- stargazer(weight, int_weight, weight2, int_weight2,
    dep.var.labels = c("Party Unity Score"), order = c(1, 5,
        2, 3, 4), covariate.labels = c("Chamber Larger", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")),
    title = "Weighting by Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \\vspace{-0.75
    label = "ilintab_pu_weight", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:56
## \begin{table}[!ht] \centering
##   \caption{Weighting by Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \vspace{-0.75
##   \label{ilintab_pu_weight}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.068$^{**}$ & $-$0.022 & $-$0.087$^{**}$ & $-$0.074$^{*}$ \\
##   & (0.015) & (0.019) & (0.022) & (0.043) \\
##   Larger $\times$ In Maj. &  & $-$0.070$^{**}$ &  & $-$0.017 \\
##   &  & (0.017) &  & (0.046) \\
##   In Majority & $-$0.026$^{**}$ & $-$0.015$^{**}$ & $-$0.006 & $-$0.006 \\
##   & (0.006) & (0.006) & (0.007) & (0.007) \\
##   Majority Seat Share & $-$0.125$^{**}$ & $-$0.136$^{**}$ & 0.019 & 0.019 \\
##   & (0.063) & (0.063) & (0.090) & (0.090) \\
##   Incumbent & 0.011$^{*}$ & 0.013$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Legislator + Year} \\ % &  &
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_weight_pu_cont <- stargazer(weight_cont, int_weight_cont,
    weight_cont2, int_weight_cont2, dep.var.labels = c("Party Unity Score"),
    order = c(1, 5, 2, 3, 4), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
```

```
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Weighting by Number of Party Unity V
    label = "ilintab_pu_weight", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                                  estimates with standard errors clustered by legislator in parentheses
                                  are at the legislator-biennium level and are weighted by the legislat
                                  unity votes participated in.
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:56
## \begin{table}[!ht] \centering
##   \caption{Weighting by Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \vspace{-0.75
##   \label{ilintab_pu_weight}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0005 & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\
##   & (0.0003) & (0.0005) & (0.001) & (0.001) \\
##   Size $\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.0001 \\
##   &  & (0.001) &  & (0.001) \\
##   In Majority & $-$0.026$^{**}$ & 0.101$^{*}$ & $-$0.006 & 0.001 \\
##   & (0.006) & (0.054) & (0.007) & (0.108) \\
##   Majority Seat Share & $-$0.197$^{**}$ & $-$0.201$^{**}$ & $-$0.010 & $-$0.010 \\
##   & (0.058) & (0.058) & (0.090) & (0.090) \\
##   Incumbent & 0.012$^{*}$ & 0.013$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Legislator + Year} \\ % &  &  V
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are weighted leas
##                                  estimates with standard errors clustered by legislator in parenthes
##                                  are at the legislator-biennium level and are weighted by the legisl
##                                  unity votes participated in.
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_weight_pu, ilinsg_weight_pu_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:56"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Weighting by Number of Party Unity Votes: Illinois and Indiana, 1838 to 1851 \\vspa
##  [6] "  \\label{ilintab_pu_weight} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
```

```
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n "
## [13] " Chamber Larger & $-$0.068$^{**}$ & $-$0.022 & $-$0.087$^{**}$ & $-$0.074$^{*}$ \\\\ "
## [14] "  & (0.015) & (0.019) & (0.022) & (0.043) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & $-$0.070$^{**}$ &  & $-$0.017 \\\\ "
## [16] "  &  & (0.017) &  & (0.046) \\\\ "
## [17] "  In Majority & $-$0.026$^{**}$ & $-$0.015$^{**}$ & $-$0.006 & $-$0.006 \\\\ "
## [18] "  & (0.006) & (0.006) & (0.007) & (0.007) \\\\ "
## [19] "  Majority Seat Share & $-$0.125$^{**}$ & $-$0.136$^{**}$ & 0.019 & 0.019 \\\\ "
## [20] "  & (0.063) & (0.063) & (0.090) & (0.090) \\\\ "
## [21] "  Incumbent & 0.011$^{*}$ & 0.013$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\\\ "
## [22] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [23] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [24] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\\
## [25] " Chamber Size & $-$0.001$^{**}$ & $-$0.0005 & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\\\ "
## [26] "  & (0.0003) & (0.0005) & (0.001) & (0.001) \\\\ "
## [27] "  Size $\\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.0001 \\\\ "
## [28] "  &  & (0.001) &  & (0.001) \\\\ "
## [29] "  In Majority & $-$0.026$^{**}$ & 0.101$^{*}$ & $-$0.006 & 0.001 \\\\ "
## [30] "  & (0.006) & (0.054) & (0.007) & (0.108) \\\\ "
## [31] "  Majority Seat Share & $-$0.197$^{**}$ & $-$0.201$^{**}$ & $-$0.010 & $-$0.010 \\\\ "
## [32] "  & (0.058) & (0.058) & (0.090) & (0.090) \\\\ "
## [33] "  Incumbent & 0.012$^{*}$ & 0.013$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\\\ "
## [34] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [35] " \\hline \\\\[-1.8ex] "
## [36] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{Legislator + Year} \\\\
## [37] "Observations & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [38] "\\hline "
## [39] "\\hline \\\\[-1.8ex] "
## [40] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [41] "                        standard errors clustered by legislator in parentheses. Observations ar
## [42] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [43] "\\end{tabular} "
## [44] "\\end{table} "
```

```
# Table B.5 controlling for party unity votes, New
# Jersey/Vermont
# ##############################################

# total party unity votes

nv1 <- felm(partyunity ~ bigger + majority + maj_share + inc +
    tot_puvotes | state + modyear1 | 0 | id, data = dat_njvt)
nv2 <- felm(partyunity ~ bigger * majority + maj_share + inc +
    tot_puvotes | state + modyear1 | 0 | id, data = dat_njvt)
nv3 <- felm(partyunity ~ bigger + majority + maj_share + inc +
    tot_puvotes | id + modyear1 | 0 | id, data = dat_njvt)
nv4 <- felm(partyunity ~ bigger * majority + maj_share + inc +
    tot_puvotes | id + modyear1 | 0 | id, data = dat_njvt)

nvtot1 <- felm(partyunity ~ lht + majority + maj_share + inc +
```

```
    tot_puvotes | state + modyear1 | 0 | id, data = dat_njvt)
nvtot2 <- felm(partyunity ~ lht * majority + maj_share + inc +
    tot_puvotes | state + modyear1 | 0 | id, data = dat_njvt)
nvtot3 <- felm(partyunity ~ lht + majority + maj_share + inc +
    tot_puvotes | id + modyear1 | 0 | id, data = dat_njvt)
nvtot4 <- felm(partyunity ~ lht * majority + maj_share + inc +
    tot_puvotes | id + modyear1 | 0 | id, data = dat_njvt)

# individual party unity votes

nv_ind1 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunityvotes | state + modyear1 | 0 | id, data = dat_njvt)
nv_ind2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunityvotes | state + modyear1 | 0 | id, data = dat_njvt)
nv_ind3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunityvotes | id + modyear1 | 0 | id, data = dat_njvt)
nv_ind4 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunityvotes | id + modyear1 | 0 | id, data = dat_njvt)

nvc1 <- felm(partyunity ~ lht + majority + maj_share + inc +
    partyunityvotes | state + modyear1 | 0 | id, data = dat_njvt)
nvc2 <- felm(partyunity ~ lht * majority + maj_share + inc +
    partyunityvotes | state + modyear1 | 0 | id, data = dat_njvt)
nvc3 <- felm(partyunity ~ lht + majority + maj_share + inc +
    partyunityvotes | id + modyear1 | 0 | id, data = dat_njvt)
nvc4 <- felm(partyunity ~ lht * majority + maj_share + inc +
    partyunityvotes | id + modyear1 | 0 | id, data = dat_njvt)

njvtsg_pu <- stargazer(nv1, nv_ind1, nv2, nv_ind2, nv3, nv_ind3,
    nv4, nv_ind4, dep.var.labels = c("Party Unity Score"), order = c(1,
        7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Total P.U. Votes", "Individual P.U. Votes"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Controlling for Number of Party Uni
    label = "njvttab_pu", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    font.size = "footnotesize", column.sep.width = "0pt", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                    standard errors clustered by legislator in parentheses. Observations are at the le
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:58
## \begin{table}[!ht] \centering
##   \caption{Controlling for Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \vspace{-0
##   \label{njvttab_pu}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{8}{c}{Party Unity Score} \\
```

```
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.057$^{**}$ & $-$0.056$^{**}$ & $-$0.059$^{**}$ & $-$0.056$^{**}$ & $-$0.056$^
##   & (0.010) & (0.011) & (0.016) & (0.016) & (0.014) & (0.013) & (0.016) & (0.016) \\
##   Larger $\times$ In Maj. &  &  & 0.004 & 0.0004 &  &  & $-$0.096$^{**}$ & $-$0.095$^{**}$ \\
##   &  &  & (0.018) & (0.017) &  &  & (0.017) & (0.017) \\
##   In Majority & $-$0.042$^{**}$ & $-$0.047$^{**}$ & $-$0.044$^{**}$ & $-$0.047$^{**}$ & 0.029$^{**}$
##   & (0.010) & (0.010) & (0.014) & (0.014) & (0.012) & (0.012) & (0.014) & (0.014) \\
##   Majority Seat Share & $-$0.086 & $-$0.066 & $-$0.086 & $-$0.066 & $-$0.013 & $-$0.002 & $-$0.020 &
##   & (0.060) & (0.057) & (0.060) & (0.057) & (0.056) & (0.053) & (0.056) & (0.053) \\
##   Incumbent & 0.018$^{**}$ & 0.020$^{**}$ & 0.018$^{**}$ & 0.020$^{**}$ & 0.018$^{**}$ & 0.019$^{**}$
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.009) & (0.009) & (0.009) & (0.009) \\
##   Total P.U. Votes & 0.0005$^{**}$ &  & 0.0004$^{**}$ &  &  & 0.0002 &  & 0.0004 &  \\
##   & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) &  \\
##   Individual P.U. Votes &  & 0.001$^{**}$ &  & 0.001$^{**}$ &  &  & 0.0003 &  & 0.0004$^{*}$ \\
##   &  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{State + Year} & \multicolumn{2}
## Observations & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                       standard errors clustered by legislator in parentheses. Observations are at the
## \end{tabular}
## \end{table}
```

```
njvtsg_pu_cont <- stargazer(nvtot1, nvc1, nvtot2, nvc2, nvtot3,
    nvc3, nvtot4, nvc4, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Total P.U. Votes", "Individual P.U. Votes"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Controlling for Number of Party Uni
    label = "njvttab_pu", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    font.size = "footnotesize", column.sep.width = "0pt", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                      standard errors clustered by legislator in parentheses. Observations are at the le
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:58
## \begin{table}[!ht] \centering
##   \caption{Controlling for Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \vspace{-0
##   \label{njvttab_pu}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{8}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.0004$^{**}$ & $-$0.0005$^{**}$ & $-$0.001$^
##   & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\
##   Size $\times$ In Maj. &  &  & $-$0.0005$^{**}$ & $-$0.0004$^{**}$ &  &  & $-$0.001$^{**}$ & $-$0.0
```

```
##   &  &  & (0.0001) & (0.0001) &  &  & (0.0002) & (0.0002) \\
##   In Majority & $-$0.042$^{**}$ & $-$0.047$^{**}$ & 0.040$^{**}$ & 0.024 & 0.031$^{**}$ & 0.023$^{**
##   & (0.010) & (0.010) & (0.018) & (0.018) & (0.012) & (0.012) & (0.020) & (0.020) \\
##   Majority Seat Share & $-$0.165$^{**}$ & $-$0.132$^{**}$ & $-$0.183$^{**}$ & $-$0.151$^{**}$ & $-$0
##   & (0.052) & (0.049) & (0.051) & (0.049) & (0.053) & (0.050) & (0.053) & (0.050) \\
##   Incumbent & 0.018$^{**}$ & 0.020$^{**}$ & 0.020$^{**}$ & 0.022$^{**}$ & 0.017$^{**}$ & 0.019$^{**}$
##   & (0.007) & (0.007) & (0.007) & (0.007) & (0.009) & (0.009) & (0.009) & (0.009) \\
##   Total P.U. Votes & 0.001$^{**}$ &  & 0.001$^{**}$ &  & 0.0004 &  & 0.0004$^{*}$ &  \\
##   & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) &  \\
##   Individual P.U. Votes &  & 0.001$^{**}$ &  & 0.001$^{**}$ &  & 0.0005$^{**}$ &  & 0.001$^{**}$ \\
##   &  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{State + Year} & \multicolumn{2}
## Observations & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                       standard errors clustered by legislator in parentheses. Observations are at the
## \end{tabular}
## \end{table}
```

```
star_panel(njvtsg_pu, njvtsg_pu_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:58"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Controlling for Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \\vs
##  [6] "  \\label{njvttab_pu} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{0pt}}lcccccccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{8}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [14] " Chamber Larger & $-$0.057$^{**}$ & $-$0.056$^{**}$ & $-$0.059$^{**}$ & $-$0.056$^{**}$ & $-$0
## [15] "  & (0.010) & (0.011) & (0.016) & (0.016) & (0.014) & (0.013) & (0.016) & (0.016) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  &  & 0.004 & 0.0004 &  &  & $-$0.096$^{**}$ & $-$0.095$^{**}$ \\
## [17] "  &  &  & (0.018) & (0.017) &  &  & (0.017) & (0.017) \\\\ "
## [18] "  In Majority & $-$0.042$^{**}$ & $-$0.047$^{**}$ & $-$0.044$^{**}$ & $-$0.047$^{**}$ & 0.029$
## [19] "  & (0.010) & (0.010) & (0.014) & (0.014) & (0.012) & (0.012) & (0.014) & (0.014) \\\\ "
## [20] "  Majority Seat Share & $-$0.086 & $-$0.066 & $-$0.086 & $-$0.066 & $-$0.013 & $-$0.002 & $-$0
## [21] "  & (0.060) & (0.057) & (0.060) & (0.057) & (0.056) & (0.053) & (0.056) & (0.053) \\\\ "
## [22] "  Incumbent & 0.018$^{**}$ & 0.020$^{**}$ & 0.018$^{**}$ & 0.020$^{**}$ & 0.018$^{**}$ & 0.019
## [23] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.009) & (0.009) & (0.009) & (0.009) \\\\ "
## [24] "  Total P.U. Votes & 0.0005$^{**}$ &  & 0.0004$^{**}$ &  & 0.0002 &  & 0.0004 &  \\\\ "
## [25] "  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) &  \\\\ "
## [26] "  Individual P.U. Votes &  & 0.001$^{**}$ &  & 0.001$^{**}$ &  & 0.0003 &  & 0.0004$^{*}$ \\\\
## [27] "  &  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) \\\\ "
## [28] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [29] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [30] " Chamber Size & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.0004$^{**}$ & $-$0.0005$^{**}$ & $-$0
```

```
## [31] "  & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\\\
## [32] "  Size $\\times$ In Maj. &  &  & $-$0.0005$^{**}$ & $-$0.0004$^{**}$ &  &  & $-$0.001$^{**}$ &
## [33] "  &  &  & (0.0001) & (0.0001) &  &  & (0.0002) & (0.0002) \\\\ "
## [34] "  In Majority & $-$0.042$^{**}$ & $-$0.047$^{**}$ & 0.040$^{**}$ & 0.024 & 0.031$^{**}$ & 0.023
## [35] "  & (0.010) & (0.010) & (0.018) & (0.018) & (0.012) & (0.012) & (0.020) & (0.020) \\\\ "
## [36] "  Majority Seat Share & $-$0.165$^{**}$ & $-$0.132$^{**}$ & $-$0.183$^{**}$ & $-$0.151$^{**}$ &
## [37] "  & (0.052) & (0.049) & (0.051) & (0.049) & (0.053) & (0.050) & (0.053) & (0.050) \\\\ "
## [38] "  Incumbent & 0.018$^{**}$ & 0.020$^{**}$ & 0.020$^{**}$ & 0.022$^{**}$ & 0.017$^{**}$ & 0.019
## [39] "  & (0.007) & (0.007) & (0.007) & (0.007) & (0.009) & (0.009) & (0.009) & (0.009) \\\\ "
## [40] "  Total P.U. Votes & 0.001$^{**}$ &  & 0.001$^{**}$ &  & 0.0004 &  & 0.0004$^{*}$ &  \\\\ "
## [41] "  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) &  \\\\ "
## [42] "  Individual P.U. Votes &  & 0.001$^{**}$ &  & 0.001$^{**}$ &  & 0.0005$^{**}$ &  & 0.001$^{**
## [43] "  &  & (0.0002) &  & (0.0002) &  & (0.0002) &  & (0.0002) \\\\ "
## [44] " \\hline \\\\[-1.8ex] "
## [45] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{State + Year} & \\multi
## [46] "Observations & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 & 2,539 \\\\ "
## [47] "\\hline "
## [48] "\\hline \\\\[-1.8ex] "
## [49] "\\multicolumn{9}{r}{\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
## [50] "                      standard errors clustered by legislator in parentheses. Observations are
## [51] "\\end{tabular} "
## [52] "\\end{table} "
```

```
# Table B.6 weighting by party unity votes New
# Jersey/Vermont
# ################################################

njvt_weight1 <- felm(partyunity ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight4 <- felm(partyunity ~ bigger * majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)

njvt_weight5 <- felm(partyunity ~ lht + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight6 <- felm(partyunity ~ lht * majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight7 <- felm(partyunity ~ lht + majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)
njvt_weight8 <- felm(partyunity ~ lht * majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt, weights = dat_njvt$partyunityvotes)

njvtsg_weight <- stargazer(njvt_weight1, njvt_weight2, njvt_weight3,
    njvt_weight4, dep.var.labels = c("Party Unity Score"), order = c(1,
        5, 2, 3, 4), covariate.labels = c("Chamber Larger", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Leg. + Year} \\\\ %")),
    title = "Weighting by Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \\vspace{-0.75
    label = "njvttab_pu_weight", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
```

```
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                    standard errors clustered by legislator in parentheses. Observations are at the leg
            $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:59
## \begin{table}[!ht] \centering
##   \caption{Weighting by Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \vspace{-0.75
##   \label{njvttab_pu_weight}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.055$^{**}$ & $-$0.056$^{**}$ & $-$0.044$^{**}$ & 0.006 \\
##   & (0.009) & (0.014) & (0.014) & (0.018) \\
##   Larger $\times$ In Maj. &  & 0.002 &  & $-$0.071$^{**}$ \\
##   &  & (0.015) &  & (0.016) \\
##   In Majority & $-$0.026$^{**}$ & $-$0.026$^{**}$ & 0.026$^{**}$ & 0.058$^{**}$ \\
##   & (0.008) & (0.012) & (0.011) & (0.014) \\
##   Majority Seat Share & $-$0.050 & $-$0.050 & $-$0.012 & 0.007 \\
##   & (0.048) & (0.047) & (0.052) & (0.050) \\
##   Incumbent & 0.017$^{**}$ & 0.017$^{**}$ & 0.011 & 0.011 \\
##   & (0.006) & (0.006) & (0.008) & (0.008) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Leg. + Year} \\ % &  &  \\
## Observations & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                     standard errors clustered by legislator in parentheses. Observations are at the
##             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
njvtsg_weight_cont <- stargazer(njvt_weight5, njvt_weight6, njvt_weight7,
    njvt_weight8, dep.var.labels = c("Party Unity Score"), order = c(1,
        5, 2, 3, 4), covariate.labels = c("Chamber Size", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Leg. + Year} \\\\ %")),
    title = "Weighting by Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \\vspace{-0.75
    label = "njvttab_pu_weight", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                    standard errors clustered by legislator in parentheses. Observations are at the leg
            $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:27:59
## \begin{table}[!ht] \centering
##   \caption{Weighting by Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \vspace{-0.75
```

```
##   \label{njvttab_pu_weight}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0004$^{**}$ & $-$0.001$^{**}$ & 0.001$^{**}$ \\
##   & (0.0001) & (0.0002) & (0.0002) & (0.0002) \\
##   Larger $\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001$^{**}$ \\
##   &  & (0.0001) &  & (0.0002) \\
##   In Majority & $-$0.025$^{**}$ & 0.050$^{**}$ & 0.027$^{**}$ & 0.130$^{**}$ \\
##   & (0.008) & (0.014) & (0.011) & (0.020) \\
##   Majority Seat Share & $-$0.091$^{**}$ & $-$0.111$^{**}$ & $-$0.039 & $-$0.034 \\
##   & (0.043) & (0.043) & (0.049) & (0.048) \\
##   Incumbent & 0.017$^{**}$ & 0.020$^{**}$ & 0.010 & 0.010 \\
##   & (0.006) & (0.006) & (0.008) & (0.008) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Leg. + Year} \\ % &  &  \\
## Observations & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                     standard errors clustered by legislator in parentheses. Observations are at the
##             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(njvtsg_weight, njvtsg_weight_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:27:59"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Weighting by Number of Party Unity Votes: New Jersey and Vermont, 1957-1974 \\vspa
##  [6] "  \\label{njvttab_pu_weight} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [13] " Chamber Larger & $-$0.055$^{**}$ & $-$0.056$^{**}$ & $-$0.044$^{**}$ & 0.006 \\\\ "
## [14] "  & (0.009) & (0.014) & (0.014) & (0.018) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & 0.002 &  & $-$0.071$^{**}$ \\\\ "
## [16] "  &  & (0.015) &  & (0.016) \\\\ "
## [17] "  In Majority & $-$0.026$^{**}$ & $-$0.026$^{**}$ & 0.026$^{**}$ & 0.058$^{**}$ \\\\ "
## [18] "  & (0.008) & (0.012) & (0.011) & (0.014) \\\\ "
## [19] "  Majority Seat Share & $-$0.050 & $-$0.050 & $-$0.012 & 0.007 \\\\ "
## [20] "  & (0.048) & (0.047) & (0.052) & (0.050) \\\\ "
## [21] "  Incumbent & 0.017$^{**}$ & 0.017$^{**}$ & 0.011 & 0.011 \\\\ "
## [22] "  & (0.006) & (0.006) & (0.008) & (0.008) \\\\ "
## [23] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [24] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
```

```
## [25] " Chamber Size & $-$0.001$^{**}$ & $-$0.0004$^{**}$ & $-$0.001$^{**}$ & 0.001$^{**}$ \\\\ "
## [26] "  & (0.0001) & (0.0002) & (0.0002) & (0.0002) \\\\ "
## [27] "  Larger $\\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001$^{**}$ \\\\ "
## [28] "  &  & (0.0001) &  & (0.0002) \\\\ "
## [29] "  In Majority & $-$0.025$^{**}$ & 0.050$^{**}$ & 0.027$^{**}$ & 0.130$^{**}$ \\\\ "
## [30] "  & (0.008) & (0.014) & (0.011) & (0.020) \\\\ "
## [31] "  Majority Seat Share & $-$0.091$^{**}$ & $-$0.111$^{**}$ & $-$0.039 & $-$0.034 \\\\ "
## [32] "  & (0.043) & (0.043) & (0.049) & (0.048) \\\\ "
## [33] "  Incumbent & 0.017$^{**}$ & 0.020$^{**}$ & 0.010 & 0.010 \\\\ "
## [34] "  & (0.006) & (0.006) & (0.008) & (0.008) \\\\ "
## [35] " \\hline \\\\[-1.8ex] "
## [36] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{Leg. + Year} \\\\ % &
## [37] "Observations & 2,539 & 2,539 & 2,539 & 2,539 \\\\ "
## [38] "\\hline "
## [39] "\\hline \\\\[-1.8ex] "
## [40] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [41] "                      standard errors clustered by legislator in parentheses. Observations are
## [42] "            $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [43] "\\end{tabular} "
## [44] "\\end{table} "
```

```
# Table B.7 lagged dv Illinois/Indiana
# ##################################################################

ilin_dv <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunity_lagged | mod_year | 0 | ko_id, data = dat_ilin)
ilin_int_dv <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunity_lagged | mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_dv <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunity_lagged | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_int_dv <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunity_lagged | state + mod_year | 0 | ko_id, data = dat_ilin)

ilin_dv_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + partyunity_lagged | mod_year | 0 | ko_id, data = dat_ilin)
ilin_int_dv_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc + partyunity_lagged | mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_dv_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + partyunity_lagged | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_int_dv_cont <- felm(partyunity ~ lht * majority +
    maj_share + inc + partyunity_lagged | state + mod_year |
    0 | ko_id, data = dat_ilin)

ilinsg_dv <- stargazer(ilin_dv, ilin_int_dv, ilin_state_dv, ilin_state_int_dv,
    dep.var.labels = c("Party Unity Score"), order = c(1, 6,
        2, 3, 4, 5), covariate.labels = c("Chamber Larger", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent", "Lagged Party Unity Score"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{Year}",
        "\\multicolumn{2}{c}{State + Year} \\\\ %")), title = "Lagged Dependent Variable Models: Illino
    label = "ilindvtab", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\foot
                        standard errors clustered by legislator in parentheses. Observations are at the
```

```
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:00
## \begin{table}[!ht] \centering
##   \caption{Lagged Dependent Variable Models: Illinois and Indiana, 1838 to 1851 \vspace{-0.75em}}
##   \label{ilindvtab}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.064$^{**}$ & $-$0.047$^{*}$ & $-$0.080$^{**}$ & $-$0.062$^{*}$ \\
##   & (0.018) & (0.027) & (0.025) & (0.032) \\
##   Larger $\times$ In Maj. &  & $-$0.025 &  & $-$0.025 \\
##   &  & (0.030) &  & (0.030) \\
##   In Majority & $-$0.007 & $-$0.004 & $-$0.007 & $-$0.004 \\
##   & (0.009) & (0.010) & (0.009) & (0.010) \\
##   Majority Seat Share & 0.012 & 0.010 & 0.011 & 0.009 \\
##   & (0.095) & (0.095) & (0.094) & (0.095) \\
##   Incumbent & 0.006 & 0.007 & 0.006 & 0.006 \\
##   & (0.010) & (0.010) & (0.010) & (0.010) \\
##   Lagged Party Unity Score & 0.378$^{**}$ & 0.374$^{**}$ & 0.383$^{**}$ & 0.379$^{**}$ \\
##   & (0.052) & (0.052) & (0.052) & (0.052) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 485 & 485 & 485 & 485 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##                $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_dv_cont <- stargazer(ilin_dv_cont, ilin_int_dv_cont, ilin_state_dv_cont,
    ilin_state_int_dv_cont, dep.var.labels = c("Party Unity Score"),
    order = c(1, 6, 2, 3, 4, 5), covariate.labels = c("Chamber Size",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Lagged Party Unity Score"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{Year}", "\\multicolumn{2}{c}{State + Year} \\\\ %")),
    title = "Lagged Dependent Variable Models: Illinois and Indiana, 1838 to 1851 \\vspace{-0.75em}",
    label = "ilindvtab", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:00
## \begin{table}[!ht] \centering
```

```
##   \caption{Lagged Dependent Variable Models: Illinois and Indiana, 1838 to 1851 \vspace{-0.75em}}
##   \label{ilindvtab}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.002$^{**}$ & $-$0.001$^{*}$ & $-$0.002$^{**}$ & $-$0.001$^{*}$ \\
##   & (0.001) & (0.001) & (0.001) & (0.001) \\
##   Larger $\times$ In Maj. &  & $-$0.001 &  & $-$0.0005 \\
##   &  & (0.001) &  & (0.001) \\
##   In Majority & $-$0.008 & 0.051 & $-$0.007 & 0.041 \\
##   & (0.009) & (0.094) & (0.009) & (0.096) \\
##   Majority Seat Share & $-$0.091 & $-$0.092 & $-$0.036 & $-$0.038 \\
##   & (0.084) & (0.084) & (0.090) & (0.090) \\
##   Incumbent & 0.004 & 0.005 & 0.006 & 0.006 \\
##   & (0.010) & (0.010) & (0.010) & (0.010) \\
##   Lagged Party Unity Score & 0.392$^{**}$ & 0.390$^{**}$ & 0.385$^{**}$ & 0.384$^{**}$ \\
##   & (0.052) & (0.052) & (0.052) & (0.052) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 485 & 485 & 485 & 485 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                       standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_dv, ilinsg_dv_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:00"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Lagged Dependent Variable Models: Illinois and Indiana, 1838 to 1851 \\vspace{-0.7
##  [6] "  \\label{ilindvtab} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [13] " Chamber Larger & $-$0.064$^{**}$ & $-$0.047$^{*}$ & $-$0.080$^{**}$ & $-$0.062$^{*}$ \\\\ "
## [14] "  & (0.018) & (0.027) & (0.025) & (0.032) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & $-$0.025 &  & $-$0.025 \\\\ "
## [16] "  &  & (0.030) &  & (0.030) \\\\ "
## [17] "  In Majority & $-$0.007 & $-$0.004 & $-$0.007 & $-$0.004 \\\\ "
## [18] "  & (0.009) & (0.010) & (0.009) & (0.010) \\\\ "
## [19] "  Majority Seat Share & 0.012 & 0.010 & 0.011 & 0.009 \\\\ "
## [20] "  & (0.095) & (0.095) & (0.094) & (0.095) \\\\ "
## [21] "  Incumbent & 0.006 & 0.007 & 0.006 & 0.006 \\\\ "
```

```
## [22] "  & (0.010) & (0.010) & (0.010) & (0.010) \\\\ "
## [23] "  Lagged Party Unity Score & 0.378$^{**}$ & 0.374$^{**}$ & 0.383$^{**}$ & 0.379$^{**}$ \\\\ "
## [24] "  & (0.052) & (0.052) & (0.052) & (0.052) \\\\ "
## [25] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [26] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\
## [27] " Chamber Size & $-$0.002$^{**}$ & $-$0.001$^{*}$ & $-$0.002$^{**}$ & $-$0.001$^{*}$ \\\\ "
## [28] "  & (0.001) & (0.001) & (0.001) & (0.001) \\\\ "
## [29] "  Larger $\\times$ In Maj. &  & $-$0.001 &  & $-$0.0005 \\\\ "
## [30] "  &  & (0.001) &  & (0.001) \\\\ "
## [31] "  In Majority & $-$0.008 & 0.051 & $-$0.007 & 0.041 \\\\ "
## [32] "  & (0.009) & (0.094) & (0.009) & (0.096) \\\\ "
## [33] "  Majority Seat Share & $-$0.091 & $-$0.092 & $-$0.036 & $-$0.038 \\\\ "
## [34] "  & (0.084) & (0.084) & (0.090) & (0.090) \\\\ "
## [35] "  Incumbent & 0.004 & 0.005 & 0.006 & 0.006 \\\\ "
## [36] "  & (0.010) & (0.010) & (0.010) & (0.010) \\\\ "
## [37] "  Lagged Party Unity Score & 0.392$^{**}$ & 0.390$^{**}$ & 0.385$^{**}$ & 0.384$^{**}$ \\\\ "
## [38] "  & (0.052) & (0.052) & (0.052) & (0.052) \\\\ "
## [39] " \\hline \\\\[-1.8ex] "
## [40] "Fixed Effects & \\multicolumn{2}{c}{Year} & \\multicolumn{2}{c}{State + Year} \\\\ % &  &  \\\
## [41] "Observations & 485 & 485 & 485 & 485 \\\\ "
## [42] "\\hline "
## [43] "\\hline \\\\[-1.8ex] "
## [44] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [45] "                        standard errors clustered by legislator in parentheses. Observations ar
## [46] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [47] "\\end{tabular} "
## [48] "\\end{table} "
```

```
# Table B.8 lagged dv models New Jersey/Vermont
# ##############################################################

njvt2_ldv <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunity_lagged | modyear1 | 0 | id, data = dat_njvt)
njvtint2_ldv <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunity_lagged | modyear1 | 0 | id, data = dat_njvt)
njvt3_ldv <- felm(partyunity ~ bigger + majority + maj_share +
    inc + partyunity_lagged | state + modyear1 | 0 | id, data = dat_njvt)
njvtint1_ldv <- felm(partyunity ~ bigger * majority + maj_share +
    inc + partyunity_lagged | state + modyear1 | 0 | id, data = dat_njvt)

njvt2_cont_ldv <- felm(partyunity ~ lht + majority + maj_share +
    inc + partyunity_lagged | modyear1 | 0 | id, data = dat_njvt)
njvtint2_cont_ldv <- felm(partyunity ~ lht * majority + maj_share +
    inc + partyunity_lagged | modyear1 | 0 | id, data = dat_njvt)
njvt3_cont_ldv <- felm(partyunity ~ lht + majority + maj_share +
    inc + partyunity_lagged | state + modyear1 | 0 | id, data = dat_njvt)
njvtint1_cont_ldv <- felm(partyunity ~ lht * majority + maj_share +
    inc + partyunity_lagged | state + modyear1 | 0 | id, data = dat_njvt)

njvtsg_ldv <- stargazer(njvt2_ldv, njvtint2_ldv, njvt3_ldv, njvtint1_ldv,
    dep.var.labels = c("Party Unity Score", "Party Unity (80\\%)"),
    order = c(1, 6, 2, 3, 4, 5), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Lagged Party Unity Score"), keep.stat = c("n"),
```

```
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{Year}", "\\multicolumn{2}{c}{State + Year} \\\\ %")),
    title = "Lagged Dependent Variable Models: New Jersey and Vermont, 1957-1974 \\vspace{-0.75em}",
    label = "njvttab_ldv", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.775\\textwidth}{\\foo
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac
## % Date and time: Fri, Aug 09, 2024 - 11:28:01
## \begin{table}[!ht] \centering
##   \caption{Lagged Dependent Variable Models: New Jersey and Vermont, 1957-1974 \vspace{-0.75em}}
##   \label{njvttab_ldv}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.035$^{**}$ & $-$0.007 & $-$0.052$^{**}$ & $-$0.033$^{*}$ \\
##   & (0.012) & (0.018) & (0.013) & (0.020) \\
##   Larger $\times$ In Maj. &  & $-$0.039$^{**}$ &  & $-$0.026 \\
##   &  & (0.019) &  & (0.019) \\
##   In Majority & 0.006 & 0.024$^{**}$ & 0.006 & 0.017 \\
##   & (0.009) & (0.010) & (0.010) & (0.011) \\
##   Majority Seat Share & $-$0.105 & $-$0.108 & 0.063 & 0.057 \\
##   & (0.066) & (0.066) & (0.074) & (0.074) \\
##   Incumbent & 0.028 & 0.029 & 0.026 & 0.026 \\
##   & (0.021) & (0.021) & (0.021) & (0.021) \\
##   Lagged Party Unity Score & 0.502$^{**}$ & 0.506$^{**}$ & 0.450$^{**}$ & 0.454$^{**}$ \\
##   & (0.026) & (0.026) & (0.029) & (0.029) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 1,301 & 1,301 & 1,301 & 1,301 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.775\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
njvtsg_cont_ldv <- stargazer(njvt2_cont_ldv, njvtint2_cont_ldv,
    njvt3_cont_ldv, njvtint1_cont_ldv, dep.var.labels = c("Party Unity Score",
        "Party Unity (80\\%)"), order = c(1, 6, 2, 3, 4, 5),
    covariate.labels = c("Chamber Size", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent", "Lagged Party Unity Score"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{Year}",
        "\\multicolumn{2}{c}{State + Year} \\\\ %")), title = "Lagged Dependent Variable Models: New Je
    label = "njvttab_ldv", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.775\\textwidth}{\\foo
```

```
                        standard errors clustered by legislator in parentheses. Observations are at the l
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:01
## \begin{table}[!ht] \centering
##   \caption{Lagged Dependent Variable Models: New Jersey and Vermont, 1957-1974 \vspace{-0.75em}}
##   \label{njvttab_ldv}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0003$^{**}$ & $-$0.001$^{**}$ & $-$0.0004$^{*}$ \\
##   & (0.0001) & (0.0001) & (0.0002) & (0.0002) \\
##   Larger $\times$ In Maj. &  & $-$0.0004$^{**}$ &  & $-$0.0004$^{**}$ \\
##   &  & (0.0002) &  & (0.0002) \\
##   In Majority & 0.005 & 0.069$^{**}$ & 0.006 & 0.067$^{**}$ \\
##   & (0.010) & (0.022) & (0.010) & (0.022) \\
##   Majority Seat Share & $-$0.013 & $-$0.019 & $-$0.0002 & $-$0.009 \\
##   & (0.057) & (0.057) & (0.062) & (0.062) \\
##   Incumbent & 0.025 & 0.027 & 0.026 & 0.027 \\
##   & (0.020) & (0.021) & (0.021) & (0.021) \\
##   Lagged Party Unity Score & 0.446$^{**}$ & 0.443$^{**}$ & 0.452$^{**}$ & 0.448$^{**}$ \\
##   & (0.029) & (0.029) & (0.028) & (0.029) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{Year} & \multicolumn{2}{c}{State + Year} \\ % &  &  \\
## Observations & 1,301 & 1,301 & 1,301 & 1,301 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.775\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses. Observations are at th
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(njvtsg_ldv, njvtsg_cont_ldv, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:01"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Lagged Dependent Variable Models: New Jersey and Vermont, 1957-1974 \\vspace{-0.75
##  [6] "  \\label{njvttab_ldv} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n "
## [13] " Chamber Larger & $-$0.035$^{**}$ & $-$0.007 & $-$0.052$^{**}$ & $-$0.033$^{*}$ \\\\ "
```

```
## [14] "  & (0.012) & (0.018) & (0.013) & (0.020) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & $-$0.039$^{**}$ &  & $-$0.026 \\\\ "
## [16] "  &  & (0.019) &  & (0.019) \\\\ "
## [17] "  In Majority & 0.006 & 0.024$^{**}$ & 0.006 & 0.017 \\\\ "
## [18] "  & (0.009) & (0.010) & (0.010) & (0.011) \\\\ "
## [19] "  Majority Seat Share & $-$0.105 & $-$0.108 & 0.063 & 0.057 \\\\ "
## [20] "  & (0.066) & (0.066) & (0.074) & (0.074) \\\\ "
## [21] "  Incumbent & 0.028 & 0.029 & 0.026 & 0.026 \\\\ "
## [22] "  & (0.021) & (0.021) & (0.021) & (0.021) \\\\ "
## [23] "  Lagged Party Unity Score & 0.502$^{**}$ & 0.506$^{**}$ & 0.450$^{**}$ & 0.454$^{**}$ \\\\ "
## [24] "  & (0.026) & (0.026) & (0.029) & (0.029) \\\\ "
## [25] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [26] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\
## [27] " Chamber Size & $-$0.001$^{**}$ & $-$0.0003$^{**}$ & $-$0.001$^{**}$ & $-$0.0004$^{*}$ \\\\ "
## [28] "  & (0.0001) & (0.0001) & (0.0002) & (0.0002) \\\\ "
## [29] "  Larger $\\times$ In Maj. &  & $-$0.0004$^{**}$ &  & $-$0.0004$^{**}$ \\\\ "
## [30] "  &  & (0.0002) &  & (0.0002) \\\\ "
## [31] "  In Majority & 0.005 & 0.069$^{**}$ & 0.006 & 0.067$^{**}$ \\\\ "
## [32] "  & (0.010) & (0.022) & (0.010) & (0.022) \\\\ "
## [33] "  Majority Seat Share & $-$0.013 & $-$0.019 & $-$0.0002 & $-$0.009 \\\\ "
## [34] "  & (0.057) & (0.057) & (0.062) & (0.062) \\\\ "
## [35] "  Incumbent & 0.025 & 0.027 & 0.026 & 0.027 \\\\ "
## [36] "  & (0.020) & (0.021) & (0.021) & (0.021) \\\\ "
## [37] "  Lagged Party Unity Score & 0.446$^{**}$ & 0.443$^{**}$ & 0.452$^{**}$ & 0.448$^{**}$ \\\\ "
## [38] "  & (0.029) & (0.029) & (0.028) & (0.029) \\\\ "
## [39] " \\hline \\\\[-1.8ex] "
## [40] "Fixed Effects & \\multicolumn{2}{c}{Year} & \\multicolumn{2}{c}{State + Year} \\\\ % &  &  \\\
## [41] "Observations & 1,301 & 1,301 & 1,301 & 1,301 \\\\ "
## [42] "\\hline "
## [43] "\\hline \\\\[-1.8ex] "
## [44] "\\multicolumn{5}{r}{\\parbox[t]{0.775\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [45] "                        standard errors clustered by legislator in parentheses. Observations ar
## [46] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [47] "\\end{tabular} "
## [48] "\\end{table} "
```

```
# Table B.9 using a smooth polynomial of year
# Illinois/Indiana
# ##########################################

dat_ilin$lowyear <- dat_ilin$year - (min(dat_ilin$year, na.rm = T) -
    1)  # this just helps us avoid calculation issues

ilin2_y3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | ko_id, data = dat_ilin)
ilinint2_y3 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | ko_id, data = dat_ilin)
ilin3_y3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + lowyear + I(lowyear^2) | ko_id | 0 | ko_id, data = dat_ilin)
ilinint1_y3 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + lowyear + I(lowyear^2) | ko_id | 0 | ko_id, data = dat_ilin)

ilin2_y3_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | ko_id, data = dat_ilin)
```

```r
ilinint2_y3_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | ko_id, data = dat_ilin)
ilin3_y3_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + lowyear + I(lowyear^2) | ko_id | 0 | ko_id, data = dat_ilin)
ilinint1_y3_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc + lowyear + I(lowyear^2) | ko_id | 0 | ko_id, data = dat_ilin)

ilinsg_years <- stargazer(ilin2_y3, ilinint2_y3, ilin3_y3, ilinint1_y3,
    dep.var.labels = c("Party Unity Score"), order = c(1, 7,
        2, 3, 4, 5, 6), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Year", "Year$^2$"), keep.stat = c("n"),
    report = "vc*s", table.placement = "H", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State}", "\\multicolumn{2}{c}{Legislator} \\\\ %")),
    title = "Models with Polynomial Fits of Time: Illinois and Indiana, 1838 to 1851 \\vspace{-0.75em}"
    label = "ilintab_year", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", digits = 3, digits.extra = 3,
    omit.table.layout = "l#", star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.65\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                    standard errors clustered by legislator in parentheses. The ``Year'' variable is
                    Observations are at the legislator-biennium level.
             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:02
## \begin{table}[H] \centering
##   \caption{Models with Polynomial Fits of Time: Illinois and Indiana, 1838 to 1851 \vspace{-0.75em}}
##   \label{ilintab_year}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.083$^{**}$ & $-$0.035$^{**}$ & $-$0.108$^{**}$ & $-$0.077$^{*}$ \\
##   & (0.013) & (0.017) & (0.021) & (0.042) \\
##   Larger $\times$ In Maj. &  & $-$0.071$^{**}$ &  & $-$0.042 \\
##   &  & (0.017) &  & (0.045) \\
##   In Majority & $-$0.023$^{**}$ & $-$0.011$^{*}$ & $-$0.0003 & 0.0003 \\
##   & (0.006) & (0.006) & (0.008) & (0.008) \\
##   Majority Seat Share & $-$0.098$^{*}$ & $-$0.108$^{**}$ & 0.007 & 0.006 \\
##   & (0.051) & (0.052) & (0.079) & (0.078) \\
##   Incumbent & 0.012$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Year & 0.029$^{**}$ & 0.029$^{**}$ & 0.032$^{**}$ & 0.032$^{**}$ \\
##   & (0.004) & (0.004) & (0.007) & (0.007) \\
##   Year$^2$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\
##   & (0.0002) & (0.0002) & (0.0004) & (0.0004) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State} & \multicolumn{2}{c}{Legislator} \\ % &  &  \\
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
```

```
## \multicolumn{5}{r}{\parbox[t]{0.65\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. The ``Year'' variable
##                         Observations are at the legislator-biennium level.
##                $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_years_cont <- stargazer(ilin2_y3_cont, ilinint2_y3_cont,
    ilin3_y3_cont, ilinint1_y3_cont, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Year", "Year$^2$"), keep.stat = c("n"),
    report = "vc*s", table.placement = "H", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State}", "\\multicolumn{2}{c}{Legislator} \\\\ %")),
    title = "Models with Polynomial Fits of Time: Illinois and Indiana, 1838 to 1851 \\vspace{-0.75em}"
    label = "ilintab_year", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", digits = 3, digits.extra = 3,
    omit.table.layout = "l#", star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.65\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                    standard errors clustered by legislator in parentheses. The ``Year'' variable is d
                    Observations are at the legislator-biennium level.
            $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:02
## \begin{table}[H] \centering
##   \caption{Models with Polynomial Fits of Time: Illinois and Indiana, 1838 to 1851 \vspace{-0.75em}}
##   \label{ilintab_year}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.002$^{**}$ & $-$0.001$^{**}$ & $-$0.003$^{**}$ & $-$0.002$^{**}$ \\
##   & (0.0003) & (0.0005) & (0.001) & (0.001) \\
##   Size $\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001 \\
##   &  & (0.001) &  & (0.001) \\
##   In Majority & $-$0.023$^{**}$ & 0.091$^{*}$ & $-$0.0003 & 0.063 \\
##   & (0.006) & (0.052) & (0.008) & (0.111) \\
##   Majority Seat Share & $-$0.154$^{**}$ & $-$0.159$^{**}$ & $-$0.020 & $-$0.021 \\
##   & (0.049) & (0.049) & (0.078) & (0.077) \\
##   Incumbent & 0.012$^{*}$ & 0.012$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Year & 0.025$^{**}$ & 0.025$^{**}$ & 0.031$^{**}$ & 0.031$^{**}$ \\
##   & (0.004) & (0.004) & (0.007) & (0.007) \\
##   Year$^2$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\
##   & (0.0002) & (0.0002) & (0.0004) & (0.0004) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State} & \multicolumn{2}{c}{Legislator} \\ % &  &  \\
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.65\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
```

```
##                       standard errors clustered by legislator in parentheses. The ``Year'' variable is
##                       Observations are at the legislator-biennium level.
##             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_years, ilinsg_years_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:02"
##  [4] "\\begin{table}[H] \\centering "
##  [5] "  \\caption{Models with Polynomial Fits of Time: Illinois and Indiana, 1838 to 1851 \\vspace{-0
##  [6] "  \\label{ilintab_year} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n "
## [14] " Chamber Larger & $-$0.083$^{**}$ & $-$0.035$^{**}$ & $-$0.108$^{**}$ & $-$0.077$^{*}$ \\\\ "
## [15] "  & (0.013) & (0.017) & (0.021) & (0.042) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  & $-$0.071$^{**}$ &  & $-$0.042 \\\\ "
## [17] "  &  & (0.017) &  & (0.045) \\\\ "
## [18] "  In Majority & $-$0.023$^{**}$ & $-$0.011$^{*}$ & $-$0.0003 & 0.0003 \\\\ "
## [19] "  & (0.006) & (0.006) & (0.008) & (0.008) \\\\ "
## [20] "  Majority Seat Share & $-$0.098$^{*}$ & $-$0.108$^{**}$ & 0.007 & 0.006 \\\\ "
## [21] "  & (0.051) & (0.052) & (0.079) & (0.078) \\\\ "
## [22] "  Incumbent & 0.012$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\\\ "
## [23] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [24] "  Year & 0.029$^{**}$ & 0.029$^{**}$ & 0.032$^{**}$ & 0.032$^{**}$ \\\\ "
## [25] "  & (0.004) & (0.004) & (0.007) & (0.007) \\\\ "
## [26] "  Year$^2$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\\\ "
## [27] "  & (0.0002) & (0.0002) & (0.0004) & (0.0004) \\\\ "
## [28] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [29] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [30] " Chamber Size & $-$0.002$^{**}$ & $-$0.001$^{**}$ & $-$0.003$^{**}$ & $-$0.002$^{**}$ \\\\ "
## [31] "  & (0.0003) & (0.0005) & (0.001) & (0.001) \\\\ "
## [32] "  Size $\\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001 \\\\ "
## [33] "  &  & (0.001) &  & (0.001) \\\\ "
## [34] "  In Majority & $-$0.023$^{**}$ & 0.091$^{*}$ & $-$0.0003 & 0.063 \\\\ "
## [35] "  & (0.006) & (0.052) & (0.008) & (0.111) \\\\ "
## [36] "  Majority Seat Share & $-$0.154$^{**}$ & $-$0.159$^{**}$ & $-$0.020 & $-$0.021 \\\\ "
## [37] "  & (0.049) & (0.049) & (0.078) & (0.077) \\\\ "
## [38] "  Incumbent & 0.012$^{*}$ & 0.012$^{*}$ & 0.013$^{*}$ & 0.013$^{*}$ \\\\ "
## [39] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [40] "  Year & 0.025$^{**}$ & 0.025$^{**}$ & 0.031$^{**}$ & 0.031$^{**}$ \\\\ "
## [41] "  & (0.004) & (0.004) & (0.007) & (0.007) \\\\ "
## [42] "  Year$^2$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ & $-$0.002$^{**}$ \\\\ "
## [43] "  & (0.0002) & (0.0002) & (0.0004) & (0.0004) \\\\ "
## [44] " \\hline \\\\[-1.8ex] "
## [45] "Fixed Effects & \\multicolumn{2}{c}{State} & \\multicolumn{2}{c}{Legislator} \\\\ % &  &  \\\\
```

```
## [46] "Observations & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [47] "\\hline "
## [48] "\\hline \\\\[-1.8ex] "
## [49] "\\multicolumn{5}{r}{\\parbox[t]{0.65\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [50] "                        standard errors clustered by legislator in parentheses. The ``Year'' va
## [51] "                        Observations are at the legislator-biennium level. "
## [52] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [53] "\\end{tabular} "
## [54] "\\end{table} "
```

```
# Table B.10 using a smooth polynomial of year New
# Jersey/Vermont
# ##############################################

dat_njvt$lowyear <- dat_njvt$year - (min(dat_njvt$year, na.rm = T) -
    1)  # this just helps us avoid calculation issues

njvt1_y2_bin <- felm(partyunity ~ bigger + majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | id, data = dat_njvt)
njvtint1_y2_bin <- felm(partyunity ~ bigger * majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | id, data = dat_njvt)
njvt3_y2_bin <- felm(partyunity ~ bigger + majority + maj_share +
    inc + lowyear + I(lowyear^2) | id | 0 | id, data = dat_njvt)
njvtint3_y2_bin <- felm(partyunity ~ bigger * majority + maj_share +
    inc + lowyear + I(lowyear^2) | id | 0 | id, data = dat_njvt)

njvt1_y2_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | id, data = dat_njvt)
njvtint1_y2_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc + lowyear + I(lowyear^2) | state | 0 | id, data = dat_njvt)
njvt3_y2_cont <- felm(partyunity ~ lht + majority + maj_share +
    inc + lowyear + I(lowyear^2) | id | 0 | id, data = dat_njvt)
njvtint3_y2_cont <- felm(partyunity ~ lht * majority + maj_share +
    inc + lowyear + I(lowyear^2) | id | 0 | id, data = dat_njvt)

njvtsg_years_bin <- stargazer(njvt1_y2_bin, njvtint1_y2_bin,
    njvt3_y2_bin, njvtint3_y2_bin, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Year", "Year$^2$"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State}", "\\multicolumn{2}{c}{Legislator} \\\\ %")),
    title = "Models with Polynomial Fits of Time: New Jersey and Vermont, 1957 to 1974 \\vspace{-0.75em
    label = "njvttab_year", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", omit.table.layout = c("l#"),
    digits = 3, digits.extra = 3, star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                        standard errors clustered by legislator in parentheses. The ``Year'' variable is
                        Observations are at the legislator-biennium level.
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:03
## \begin{table}[!ht] \centering
```

```
##   \caption{Models with Polynomial Fits of Time: New Jersey and Vermont, 1957 to 1974 \vspace{-0.75em}
##   \label{njvttab_year}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.044$^{**}$ & $-$0.050$^{**}$ & $-$0.052$^{**}$ & 0.015 \\
##   & (0.010) & (0.015) & (0.014) & (0.016) \\
##   Larger $\times$ In Maj. &  & 0.007 &  & $-$0.089$^{**}$ \\
##   &  & (0.018) &  & (0.017) \\
##   In Majority & $-$0.041$^{**}$ & $-$0.045$^{**}$ & 0.031$^{**}$ & 0.070$^{**}$ \\
##   & (0.010) & (0.014) & (0.013) & (0.015) \\
##   Majority Seat Share & $-$0.104$^{**}$ & $-$0.104$^{**}$ & $-$0.096$^{**}$ & $-$0.089$^{*}$ \\
##   & (0.047) & (0.046) & (0.046) & (0.046) \\
##   Incumbent & 0.018$^{**}$ & 0.018$^{**}$ & 0.019$^{**}$ & 0.020$^{**}$ \\
##   & (0.007) & (0.007) & (0.009) & (0.009) \\
##   Year & 0.017$^{**}$ & 0.017$^{**}$ & 0.011$^{**}$ & 0.010$^{**}$ \\
##   & (0.003) & (0.003) & (0.005) & (0.005) \\
##   Year$^2$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ \\
##   & (0.0002) & (0.0001) & (0.0002) & (0.0002) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State} & \multicolumn{2}{c}{Legislator} \\ % &  &  \\
## Observations & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.625\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses. The ``Year'' variable
##                         Observations are at the legislator-biennium level.
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
njvtsg_years_cont <- stargazer(njvt1_y2_cont, njvtint1_y2_cont,
    njvt3_y2_cont, njvtint3_y2_cont, dep.var.labels = c("Party Unity Score"),
    order = c(1, 7, 2, 3, 4, 5, 6), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Year", "Year$^2$"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State}", "\\multicolumn{2}{c}{Legislator} \\\\ %")),
    title = "Models with Polynomial Fits of Time: New Jersey and Vermont, 1957 to 1974 \\vspace{-0.75em}
    label = "njvttab_year", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", omit.table.layout = c("l#"),
    digits = 3, digits.extra = 3, star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                        standard errors clustered by legislator in parentheses. The ``Year'' variable is
                        Observations are at the legislator-biennium level.
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:03
## \begin{table}[!ht] \centering
##   \caption{Models with Polynomial Fits of Time: New Jersey and Vermont, 1957 to 1974 \vspace{-0.75em}
```

```
##   \label{njvttab_year}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0002 & $-$0.001$^{**}$ & 0.0004$^{**}$ \\
##   & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\
##   Size $\times$ In Maj. &  & $-$0.0005$^{**}$ &  & $-$0.001$^{**}$ \\
##   &  & (0.0001) &  & (0.0002) \\
##   In Majority & $-$0.041$^{**}$ & 0.041$^{**}$ & 0.032$^{**}$ & 0.127$^{**}$ \\
##   & (0.010) & (0.018) & (0.012) & (0.020) \\
##   Majority Seat Share & $-$0.130$^{**}$ & $-$0.150$^{**}$ & $-$0.106$^{**}$ & $-$0.110$^{**}$ \\
##   & (0.044) & (0.044) & (0.046) & (0.045) \\
##   Incumbent & 0.018$^{**}$ & 0.021$^{**}$ & 0.019$^{**}$ & 0.020$^{**}$ \\
##   & (0.007) & (0.007) & (0.009) & (0.009) \\
##   Year & 0.016$^{**}$ & 0.015$^{**}$ & 0.010$^{**}$ & 0.010$^{**}$ \\
##   & (0.003) & (0.003) & (0.005) & (0.005) \\
##   Year$^2$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ \\
##   & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State} & \multicolumn{2}{c}{Legislator} \\ % &  &  \\
## Observations & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.625\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses. The ``Year'' variable
##                         Observations are at the legislator-biennium level.
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(njvtsg_years_bin, njvtsg_years_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:03"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Models with Polynomial Fits of Time: New Jersey and Vermont, 1957 to 1974 \\vspace
##  [6] "  \\label{njvttab_year} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [14] " Chamber Larger & $-$0.044$^{**}$ & $-$0.050$^{**}$ & $-$0.052$^{**}$ & 0.015 \\\\ "
## [15] "  & (0.010) & (0.015) & (0.014) & (0.016) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  & 0.007 &  & $-$0.089$^{**}$ \\\\ "
## [17] "  &  & (0.018) &  & (0.017) \\\\ "
## [18] "  In Majority & $-$0.041$^{**}$ & $-$0.045$^{**}$ & 0.031$^{**}$ & 0.070$^{**}$ \\\\ "
```

```
## [19] "  & (0.010) & (0.014) & (0.013) & (0.015) \\\\ "
## [20] "  Majority Seat Share & $-$0.104$^{**}$ & $-$0.104$^{**}$ & $-$0.096$^{**}$ & $-$0.089$^{*}$ \
## [21] "  & (0.047) & (0.046) & (0.046) & (0.046) \\\\ "
## [22] "  Incumbent & 0.018$^{**}$ & 0.018$^{**}$ & 0.019$^{**}$ & 0.020$^{**}$ \\\\ "
## [23] "  & (0.007) & (0.007) & (0.009) & (0.009) \\\\ "
## [24] "  Year & 0.017$^{**}$ & 0.017$^{**}$ & 0.011$^{**}$ & 0.010$^{**}$ \\\\ "
## [25] "  & (0.003) & (0.003) & (0.005) & (0.005) \\\\ "
## [26] "  Year$^2$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ \\\\ "
## [27] "  & (0.0002) & (0.0001) & (0.0002) & (0.0002) \\\\ "
## [28] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [29] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\
## [30] " Chamber Size & $-$0.001$^{**}$ & $-$0.0002 & $-$0.001$^{**}$ & 0.0004$^{**}$ \\\\ "
## [31] "  & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\\\ "
## [32] "  Size $\\times$ In Maj. &  & $-$0.0005$^{**}$ &  & $-$0.001$^{**}$ \\\\ "
## [33] "  &  & (0.0001) &  & (0.0002) \\\\ "
## [34] "  In Majority & $-$0.041$^{**}$ & 0.041$^{**}$ & 0.032$^{**}$ & 0.127$^{**}$ \\\\ "
## [35] "  & (0.010) & (0.018) & (0.012) & (0.020) \\\\ "
## [36] "  Majority Seat Share & $-$0.130$^{**}$ & $-$0.150$^{**}$ & $-$0.106$^{**}$ & $-$0.110$^{**}$ \
## [37] "  & (0.044) & (0.044) & (0.046) & (0.045) \\\\ "
## [38] "  Incumbent & 0.018$^{**}$ & 0.021$^{**}$ & 0.019$^{**}$ & 0.020$^{**}$ \\\\ "
## [39] "  & (0.007) & (0.007) & (0.009) & (0.009) \\\\ "
## [40] "  Year & 0.016$^{**}$ & 0.015$^{**}$ & 0.010$^{**}$ & 0.010$^{**}$ \\\\ "
## [41] "  & (0.003) & (0.003) & (0.005) & (0.005) \\\\ "
## [42] "  Year$^2$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ & $-$0.001$^{**}$ \\\\ "
## [43] "  & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\\\ "
## [44] " \\hline \\\\[-1.8ex] "
## [45] "Fixed Effects & \\multicolumn{2}{c}{State} & \\multicolumn{2}{c}{Legislator} \\\\ % &  &  \\\\
## [46] "Observations & 2,539 & 2,539 & 2,539 & 2,539 \\\\ "
## [47] "\\hline "
## [48] "\\hline \\\\[-1.8ex] "
## [49] "\\multicolumn{5}{r}{\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [50] "                        standard errors clustered by legislator in parentheses. The ``Year'' va
## [51] "                        Observations are at the legislator-biennium level. "
## [52] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [53] "\\end{tabular} "
## [54] "\\end{table} "
```

```
# Table B.11 controlling for party - both Il/IN and NJ/VT
# ##########################################

dat_ilin$whig <- ifelse(dat_ilin$party == "w", 1, 0)

ilin_party1 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + whig | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_party2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + whig | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_party3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + whig * factor(state) - factor(state) | state + mod_year |
    0 | ko_id, data = dat_ilin)
ilin_party4 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + whig * factor(state) - factor(state) | state + mod_year |
    0 | ko_id, data = dat_ilin)

dat_njvt$rep <- ifelse(dat_njvt$party == "r", 1, 0)
```

```r
njvt_party1 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + rep | state + modyear1 | 0 | id, data = dat_njvt)
njvt_party2 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + rep | state + modyear1 | 0 | id, data = dat_njvt)
njvt_party3 <- felm(partyunity ~ bigger + majority + maj_share +
    inc + rep * factor(state) - factor(state) | state + modyear1 |
    0 | id, data = dat_njvt)
njvt_party4 <- felm(partyunity ~ bigger * majority + maj_share +
    inc + rep * factor(state) - factor(state) | state + modyear1 |
    0 | id, data = dat_njvt)

ilin_party <- stargazer(ilin_party1, ilin_party2, ilin_party3,
    ilin_party4, dep.var.labels = c("Party Unity Score"), order = c(1,
        6, 2, 3, 4, 5, 7), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Whig", "Whig $\\times$ Indiana"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State+Year}", "\\multicolumn{2}{c}{State+Year} \\\\ %")),
    title = "Controlling for Individual Party Affiliation \\vspace{-0.75em}",
    label = "partyaff", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", omit.table.layout = c("l#"),
    digits = 3, digits.extra = 3, star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                        standard errors clustered by legislator in parentheses.
                        Observations are at the legislator-biennium level.
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:04
## \begin{table}[!ht] \centering
##   \caption{Controlling for Individual Party Affiliation \vspace{-0.75em}}
##   \label{partyaff}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.062$^{**}$ & $-$0.023 & $-$0.063$^{**}$ & $-$0.043$^{**}$ \\
##   & (0.015) & (0.019) & (0.015) & (0.019) \\
##   Larger $\times$ In Maj. &  & $-$0.059$^{**}$ &  & $-$0.030 \\
##   &  & (0.017) &  & (0.020) \\
##   In Majority & $-$0.012$^{*}$ & $-$0.005 & $-$0.006 & $-$0.005 \\
##   & (0.006) & (0.006) & (0.006) & (0.006) \\
##   Majority Seat Share & $-$0.169$^{**}$ & $-$0.171$^{**}$ & $-$0.150$^{**}$ & $-$0.157$^{**}$ \\
##   & (0.061) & (0.061) & (0.061) & (0.062) \\
##   Incumbent & 0.014$^{*}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.014$^{**}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Whig & 0.024$^{**}$ & 0.018$^{**}$ & 0.061$^{**}$ & 0.047$^{**}$ \\
##   & (0.007) & (0.007) & (0.011) & (0.012) \\
##   Whig $\times$ Indiana &  &  & $-$0.051$^{**}$ & $-$0.037$^{**}$ \\
##   &  &  & (0.012) & (0.014) \\
```

```
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State+Year} & \multicolumn{2}{c}{State+Year} \\ % &  &  \\
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.625\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses.
##                         Observations are at the legislator-biennium level.
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
njvt_party <- stargazer(njvt_party1, njvt_party2, njvt_party3,
    njvt_party4, dep.var.labels = c("Party Unity Score"), order = c(1,
        6, 2, 3, 4, 5, 7), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent", "Republican", "Republican $\\times$ Vermont"),
    keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State+Year}",
        "\\multicolumn{2}{c}{State+Year} \\\\ %")), title = "Controlling for Individual Party Affiliati
    label = "partyaff", notes.append = FALSE, notes.label = "",
    no.space = T, font.size = "footnotesize", omit.table.layout = c("l#"),
    digits = 3, digits.extra = 3, star.char = c("*", "**"), star.cutoffs = c(0.1,
        0.05), notes = "\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
                        standard errors clustered by legislator in parentheses.
                        Observations are at the legislator-biennium level.
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:04
## \begin{table}[!ht] \centering
##   \caption{Controlling for Individual Party Affiliation \vspace{-0.75em}}
##   \label{partyaff}
## \footnotesize
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.046$^{**}$ & $-$0.067$^{**}$ & $-$0.048$^{**}$ & $-$0.061$^{**}$ \\
##   & (0.011) & (0.015) & (0.011) & (0.015) \\
##   Larger $\times$ In Maj. &  & 0.031$^{*}$ &  & 0.020 \\
##   &  & (0.018) &  & (0.018) \\
##   In Majority & 0.002 & $-$0.010 & 0.044$^{**}$ & 0.035$^{**}$ \\
##   & (0.010) & (0.013) & (0.011) & (0.014) \\
##   Majority Seat Share & $-$0.102$^{*}$ & $-$0.105$^{*}$ & $-$0.113$^{**}$ & $-$0.115$^{**}$ \\
##   & (0.058) & (0.058) & (0.058) & (0.058) \\
##   Incumbent & 0.020$^{**}$ & 0.019$^{**}$ & 0.022$^{**}$ & 0.021$^{**}$ \\
##   & (0.007) & (0.007) & (0.007) & (0.007) \\
##   Republican & $-$0.061$^{**}$ & $-$0.066$^{**}$ & $-$0.022$^{**}$ & $-$0.027$^{**}$ \\
##   & (0.010) & (0.010) & (0.010) & (0.011) \\
##   Republican $\times$ Vermont &  &  & $-$0.098$^{**}$ & $-$0.093$^{**}$ \\
##   &  &  & (0.017) & (0.018) \\
##  \hline \\[-1.8ex]
```

```
## Fixed Effects & \multicolumn{2}{c}{State+Year} & \multicolumn{2}{c}{State+Year} \\ % &  &  \\
## Observations & 2,539 & 2,539 & 2,539 & 2,539 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.625\textwidth}{\footnotesize \textit{Note}: Entries are linear regres
##                         standard errors clustered by legislator in parentheses.
##                         Observations are at the legislator-biennium level.
##                $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilin_party, njvt_party, panel.label.fontface = "bold",
    panel.names = c("Illinois and Indiana", "New Jersey and Vermont"),
    same.lhs.vars = F, same.summary.stats = F)
```

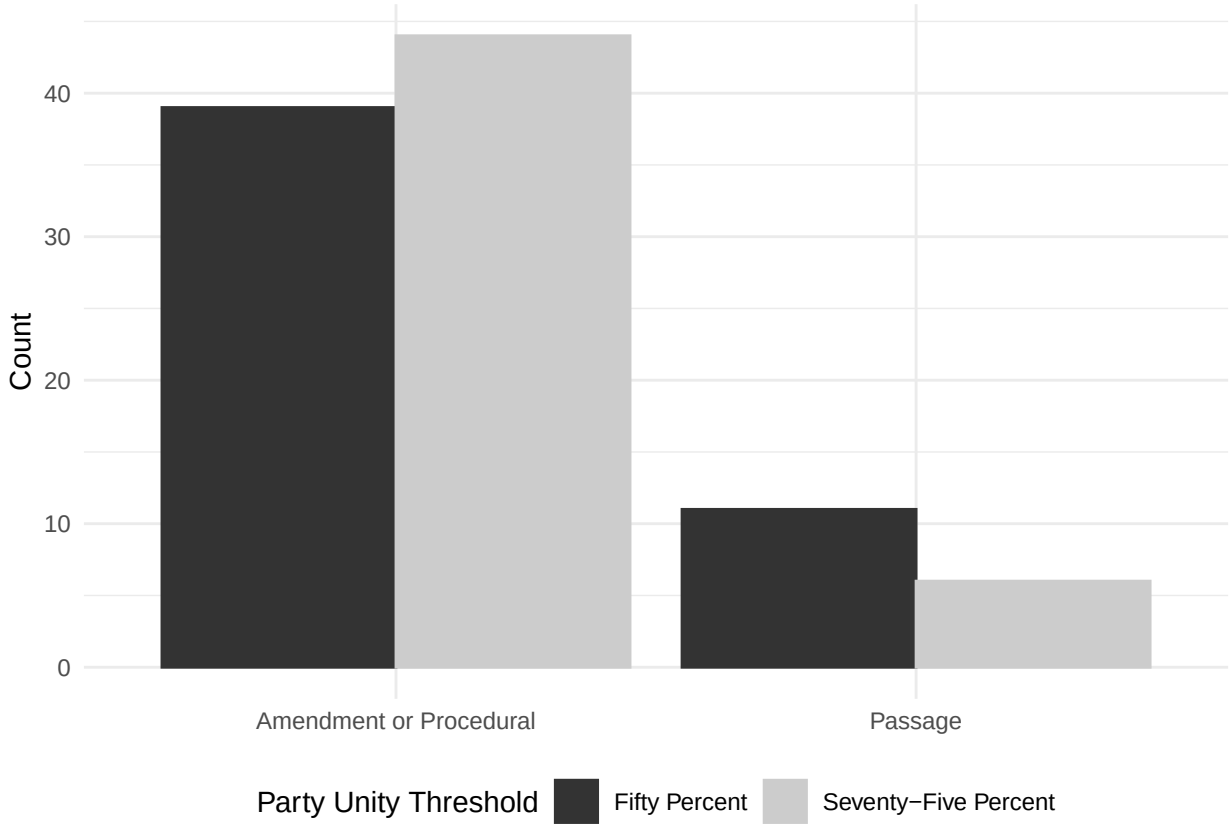
```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:04"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Controlling for Individual Party Affiliation \\vspace{-0.75em}} "
##  [6] "  \\label{partyaff} "
##  [7] "\\footnotesize "
##  [8] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Illinois and Indiana}}\n \\\\\n \\\\[-1
## [14] " Chamber Larger & $-$0.062$^{**}$ & $-$0.023 & $-$0.063$^{**}$ & $-$0.043$^{**}$ \\\\ "
## [15] "  & (0.015) & (0.019) & (0.015) & (0.019) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  & $-$0.059$^{**}$ &  & $-$0.030 \\\\ "
## [17] "  &  & (0.017) &  & (0.020) \\\\ "
## [18] "  In Majority & $-$0.012$^{*}$ & $-$0.005 & $-$0.006 & $-$0.005 \\\\ "
## [19] "  & (0.006) & (0.006) & (0.006) & (0.006) \\\\ "
## [20] "  Majority Seat Share & $-$0.169$^{**}$ & $-$0.171$^{**}$ & $-$0.150$^{**}$ & $-$0.157$^{**}$ \
## [21] "  & (0.061) & (0.061) & (0.061) & (0.062) \\\\ "
## [22] "  Incumbent & 0.014$^{*}$ & 0.014$^{**}$ & 0.014$^{**}$ & 0.014$^{**}$ \\\\ "
## [23] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [24] "  Whig & 0.024$^{**}$ & 0.018$^{**}$ & 0.061$^{**}$ & 0.047$^{**}$ \\\\ "
## [25] "  & (0.007) & (0.007) & (0.011) & (0.012) \\\\ "
## [26] "  Whig $\\times$ Indiana &  &  & $-$0.051$^{**}$ & $-$0.037$^{**}$ \\\\ "
## [27] "  &  &  & (0.012) & (0.014) \\\\ "
## [28] "\\cline{2-5} \\\\[-2.0ex]"
## [29] "Fixed Effects & \\multicolumn{2}{c}{State+Year} & \\multicolumn{2}{c}{State+Year} \\\\ % &  &
## [30] "Observations & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [31] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [32] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: New Jersey and Vermont}}\n \\\\\n \\\\[
## [33] " Chamber Larger & $-$0.046$^{**}$ & $-$0.067$^{**}$ & $-$0.048$^{**}$ & $-$0.061$^{**}$ \\\\ "
## [34] "  & (0.011) & (0.015) & (0.011) & (0.015) \\\\ "
## [35] "  Larger $\\times$ In Maj. &  & 0.031$^{*}$ &  & 0.020 \\\\ "
## [36] "  &  & (0.018) &  & (0.018) \\\\ "
## [37] "  In Majority & 0.002 & $-$0.010 & 0.044$^{**}$ & 0.035$^{**}$ \\\\ "
## [38] "  & (0.010) & (0.013) & (0.011) & (0.014) \\\\ "
## [39] "  Majority Seat Share & $-$0.102$^{*}$ & $-$0.105$^{*}$ & $-$0.113$^{**}$ & $-$0.115$^{**}$ \\\
## [40] "  & (0.058) & (0.058) & (0.058) & (0.058) \\\\ "
```

```
## [41] "  Incumbent & 0.020$^{**}$ & 0.019$^{**}$ & 0.022$^{**}$ & 0.021$^{**}$ \\\\ "
## [42] "  & (0.007) & (0.007) & (0.007) & (0.007) \\\\ "
## [43] "  Republican & $-$0.061$^{**}$ & $-$0.066$^{**}$ & $-$0.022$^{**}$ & $-$0.027$^{**}$ \\\\ "
## [44] "  & (0.010) & (0.010) & (0.010) & (0.011) \\\\ "
## [45] "  Republican $\\times$ Vermont &  &  & $-$0.098$^{**}$ & $-$0.093$^{**}$ \\\\ "
## [46] "  &  &  & (0.017) & (0.018) \\\\ "
## [47] "\\cline{2-5} \\\\[-2.0ex]"
## [48] "Fixed Effects & \\multicolumn{2}{c}{State+Year} & \\multicolumn{2}{c}{State+Year} \\\\ % &  &
## [49] "Observations & 2,539 & 2,539 & 2,539 & 2,539 \\\\ "
## [50] "\\\\[-2.0ex]"
## [51] "\\hline "
## [52] "\\hline \\\\[-1.8ex] "
## [53] "\\multicolumn{5}{r}{\\parbox[t]{0.625\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [54] "                        standard errors clustered by legislator in parentheses. "
## [55] "                        Observations are at the legislator-biennium level. "
## [56] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [57] "\\end{tabular} "
## [58] "\\end{table} "
```

```
########################################################################################## Section
########################################################################################## B.6
########################################################################################## Party
########################################################################################## Unity
########################################################################################## Scores
########################################################################################## with
########################################################################################## Alternative
########################################################################################## Thresholds

# Figure B.1 differences in party unity vote levels
# ########################################

ilpu <- read.csv("Data/il_sample_50_75_coding.csv")
ilpu <- ilpu[!is.na(ilpu$category), ]
ilpu$passage <- ifelse(is.element(ilpu$category, c(1, 2, 3)),
    1, 0)
ilpu$amend_proc <- ifelse(is.element(ilpu$category, c(4, 5, 6)),
    1, 0)

ilpu <- ilpu[, c("year", "vote_num", "page", "volume", "level",
    "passage", "amend_proc")]
ilpu$vote_type <- "Passage"
ilpu[ilpu$amend_proc == 1, "vote_type"] <- "Amendment or Procedural"
ilpu[, "Party Unity Threshold"] <- ifelse(ilpu$level == 50, "Fifty Percent",
    "Seventy-Five Percent")

ilpu_cs <- as.data.frame(as.data.frame(table(ilpu$`Party Unity Threshold`,
    ilpu$vote_type)) %>%
    pivot_wider(names_from = "Var2", values_from = "Freq"))
rownames(ilpu_cs) <- ilpu_cs$Var1
ilpu_cs$Var1 <- NULL
ilpu_cs <- as.matrix(ilpu_cs)
ilpu_cs_out <- prop.test(ilpu_cs)$p.value

round(ilpu_cs_out, 2)
```

```
## [1] 0.29
```

```
ggplot(ilpu, aes(x = vote_type, group = `Party Unity Threshold`,
    colour = `Party Unity Threshold`, fill = `Party Unity Threshold`)) +
    geom_bar(position = position_dodge()) + scale_fill_grey() +
    scale_colour_grey() + theme_minimal() + theme(axis.title.x = element_blank(),
    legend.position = "bottom") + ylab("Count")
```

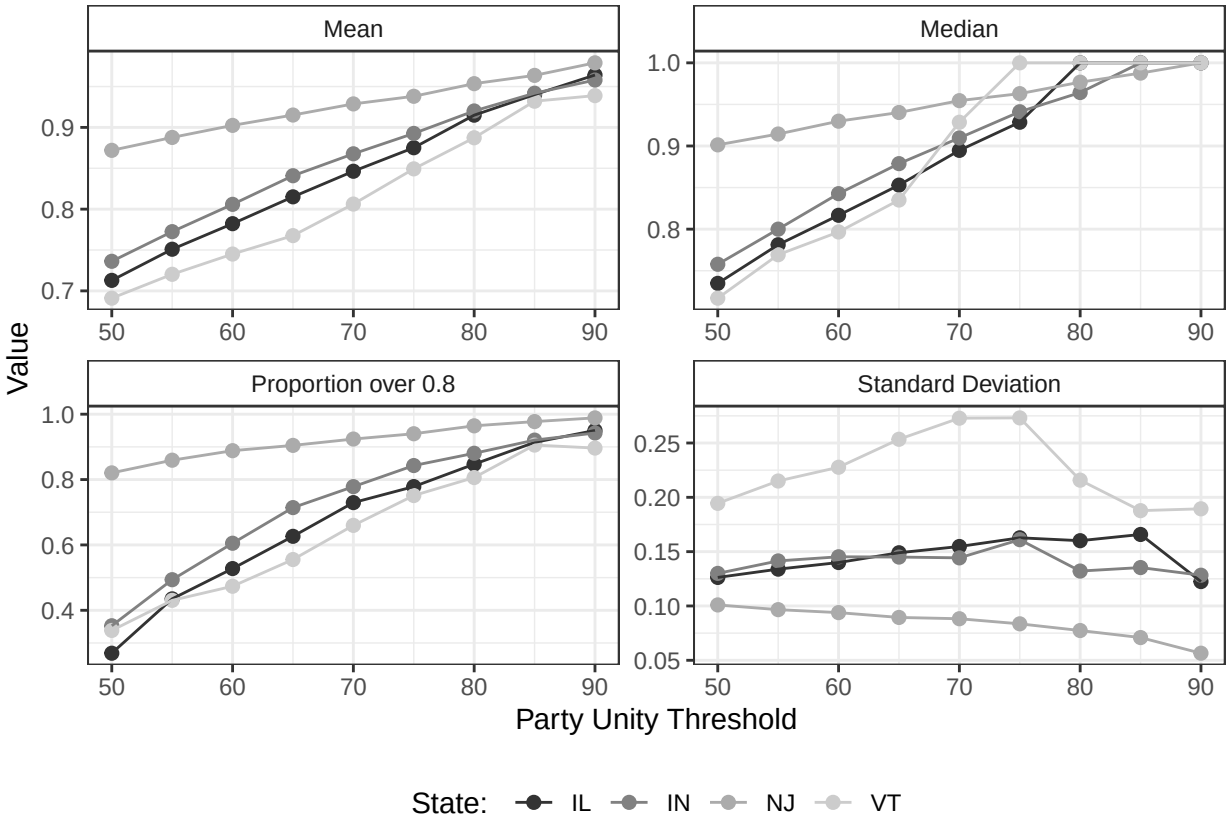



```
# Figure B.2 find the mean party unity scores
# ############################################################

dat_ilin$id <- dat_ilin$ko_id
pu_levels <- rbind(dat_njvt[, c("state", "id", "year", "partyunity",
    "pu55", "pu60", "pu65", "pu70", "pu75", "pu80", "pu85", "pu90")],
    dat_ilin[, c("state", "id", "year", "partyunity", "pu55",
        "pu60", "pu65", "pu70", "pu75", "pu80", "pu85", "pu90")])

pu_levels <- plyr::rename(pu_levels, replace = c(partyunity = "pu50"))
pu_levels <- pu_levels %>%
    pivot_longer(cols = pu50:pu90)
pu_levels$threshold <- as.numeric(gsub("pu", "", fixed = T, pu_levels$name))

pu_levels <- pu_levels %>%
    group_by(state, threshold) %>%
    summarise(mean = mean(value, na.rm = T), median = median(value,
        na.rm = T), sd = sd(value, na.rm = T), prop80 = length(value[value >
        0.8 & !is.na(value)])/length(value[!is.na(value)]))  #,
```

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

```
## `.groups` argument.
```

```
pu_levels <- pu_levels %>%
    pivot_longer(cols = mean:prop80)
pu_levels$name <- recode(pu_levels$name, mean = "Mean", median = "Median",
    sd = "Standard Deviation", prop80 = "Proportion over 0.8")

ggplot(pu_levels, aes(x = threshold, y = value, group = state,
    colour = state)) + geom_point(size = 2) + geom_line() + facet_wrap(~name,
    nrow = 2, scales = "free") + theme_bw() + theme(legend.position = "bottom",
    strip.background = element_rect(fill = "white")) + xlab("Party Unity Threshold") +
    ylab("Value") + labs(colour = "State: ") + scale_colour_grey()
```




```
# Figure B.3 different party unity thresholds
# ###################################################

ilin_threshdat <- rbind(summary(felm(partyunity ~ bigger + majority +
    maj_share + inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu55 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu60 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu65 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu70 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu75 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
```

```
    1:2], summary(felm(pu80 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu85 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2], summary(felm(pu90 ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin))$coefficients["bigger",
    1:2])

ilin_threshdat <- as.data.frame(ilin_threshdat) %>%
    mutate_all(as.numeric)
ilin_threshdat$threshold <- seq(50, 90, by = 5)

votes_thresholds <- dat_ilin %>%
    distinct(year, state, .keep_all = T)
votes_thresholds <- votes_thresholds[, c("year", "state", grep("tot_puv",
    colnames(votes_thresholds), value = T))]
votes_thresholds <- votes_thresholds %>%
    pivot_longer(cols = tot_puvotes:tot_puv90)
votes_thresholds[votes_thresholds$name == "tot_puvotes", "name"] <- "tot_puv50"
votes_thresholds <- votes_thresholds %>%
    group_by(name, state) %>%
    summarise(votes = sum(value))
```

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

```
votes_thresholds$threshold <- as.integer(gsub("tot_puv", "",
    fixed = T, votes_thresholds$name))
votes_thresholds$name <- NULL
votes_thresholds <- votes_thresholds %>%
    pivot_wider(names_from = state, values_from = votes)

ilin_threshdat <- left_join(ilin_threshdat, votes_thresholds)
```

```
## Joining with `by = join_by(threshold)`
```

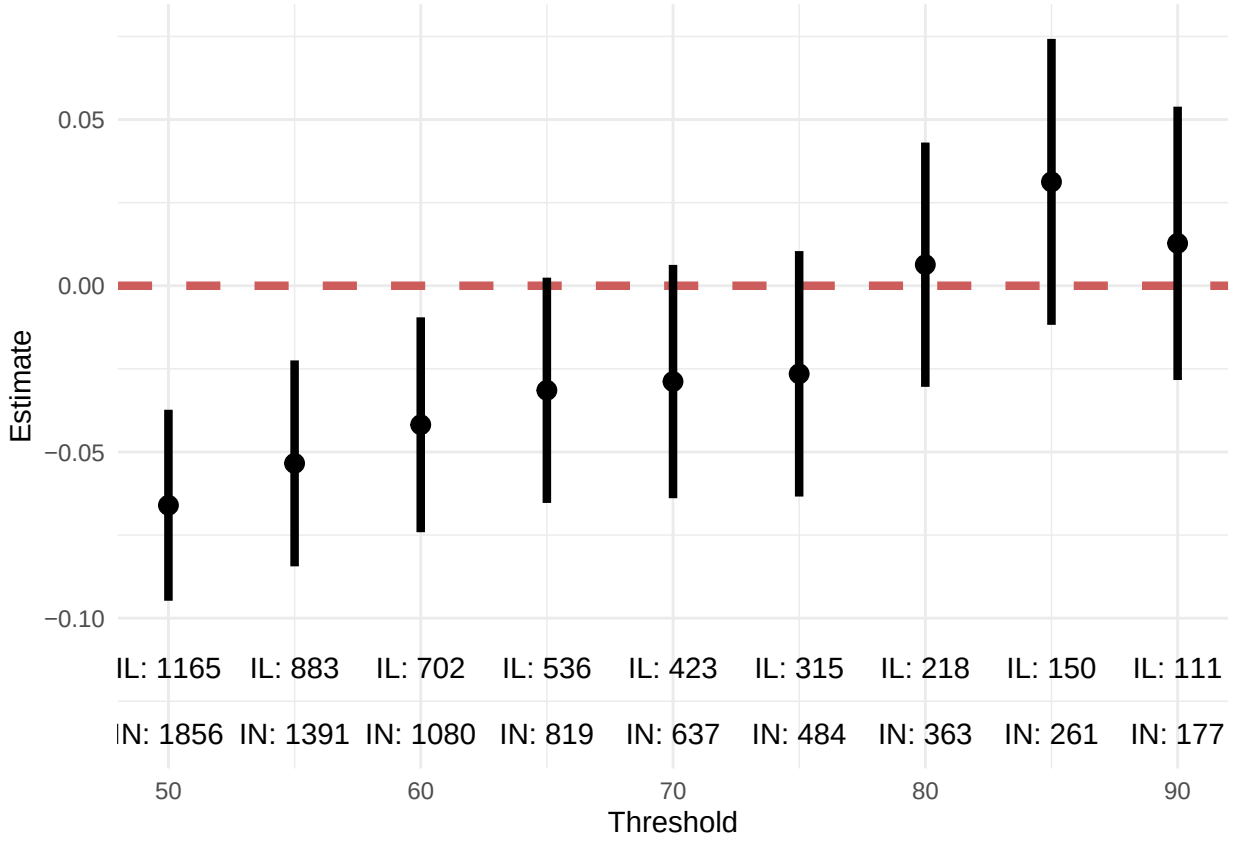
```
ilin_threshdat$IL <- paste("IL:", ilin_threshdat$IL)
ilin_threshdat$IN <- paste("IN:", ilin_threshdat$IN)

ggplot(ilin_threshdat, aes(x = threshold, y = Estimate)) + geom_hline(size = 1.5,
    linetype = 2, colour = "indianred", yintercept = 0) + geom_point(size = 3) +
    geom_linerange(aes(ymin = Estimate - 1.96 * `Cluster s.e.`,
        ymax = Estimate + 1.96 * `Cluster s.e.`), size = 1.5) +
    geom_text(aes(x = threshold, y = min(ilin_threshdat$Estimate -
        1.96 * ilin_threshdat$`Cluster s.e.`) - 0.04, label = IN),
        size = 4) + geom_text(aes(x = threshold, y = min(ilin_threshdat$Estimate -
    1.96 * ilin_threshdat$`Cluster s.e.`) - 0.02, label = IL),
    size = 4) + xlab("Threshold") + theme_minimal()
```

```
## Warning: Use of `ilin_threshdat$Estimate` is discouraged.
## i Use `Estimate` instead.
```

```
## Warning: Use of `` ilin_threshdat$`Cluster s.e.` `` is discouraged.
## i Use `Cluster s.e.` instead.
```

```
## Warning: Use of `ilin_threshdat$Estimate` is discouraged.
```

```
## i Use `Estimate` instead.
## Warning: Use of `` ilin_threshdat$`Cluster s.e.` `` is discouraged.
## i Use `Cluster s.e.` instead.
```




```
njvt_threshdat <- rbind(summary(felm(partyunity ~ bigger + majority +
    maj_share + inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu55 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu60 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu65 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu70 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu75 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu80 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu85 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2], summary(felm(pu90 ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt))$coefficients["bigger",
    1:2])

njvt_threshdat <- as.data.frame(njvt_threshdat) %>%
    mutate_all(as.numeric)
njvt_threshdat$threshold <- seq(50, 90, by = 5)
```

```
njvt_votes_thresholds <- dat_njvt %>%
    distinct(year, state, .keep_all = T)
njvt_votes_thresholds <- njvt_votes_thresholds[, c("year", "state",
    grep("tot_puv", colnames(njvt_votes_thresholds), value = T))]
njvt_votes_thresholds <- njvt_votes_thresholds %>%
    pivot_longer(cols = tot_puvotes:tot_puv90)
njvt_votes_thresholds[njvt_votes_thresholds$name == "tot_puvotes",
    "name"] <- "tot_puv50"
njvt_votes_thresholds <- njvt_votes_thresholds %>%
    group_by(name, state) %>%
    summarise(votes = sum(value))
```

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

```
njvt_votes_thresholds$threshold <- as.integer(gsub("tot_puv",
    "", fixed = T, njvt_votes_thresholds$name))
njvt_votes_thresholds$name <- NULL
njvt_votes_thresholds <- njvt_votes_thresholds %>%
    pivot_wider(names_from = state, values_from = votes)

njvt_threshdat <- left_join(njvt_threshdat, njvt_votes_thresholds)
```

```
## Joining with `by = join_by(threshold)`
```

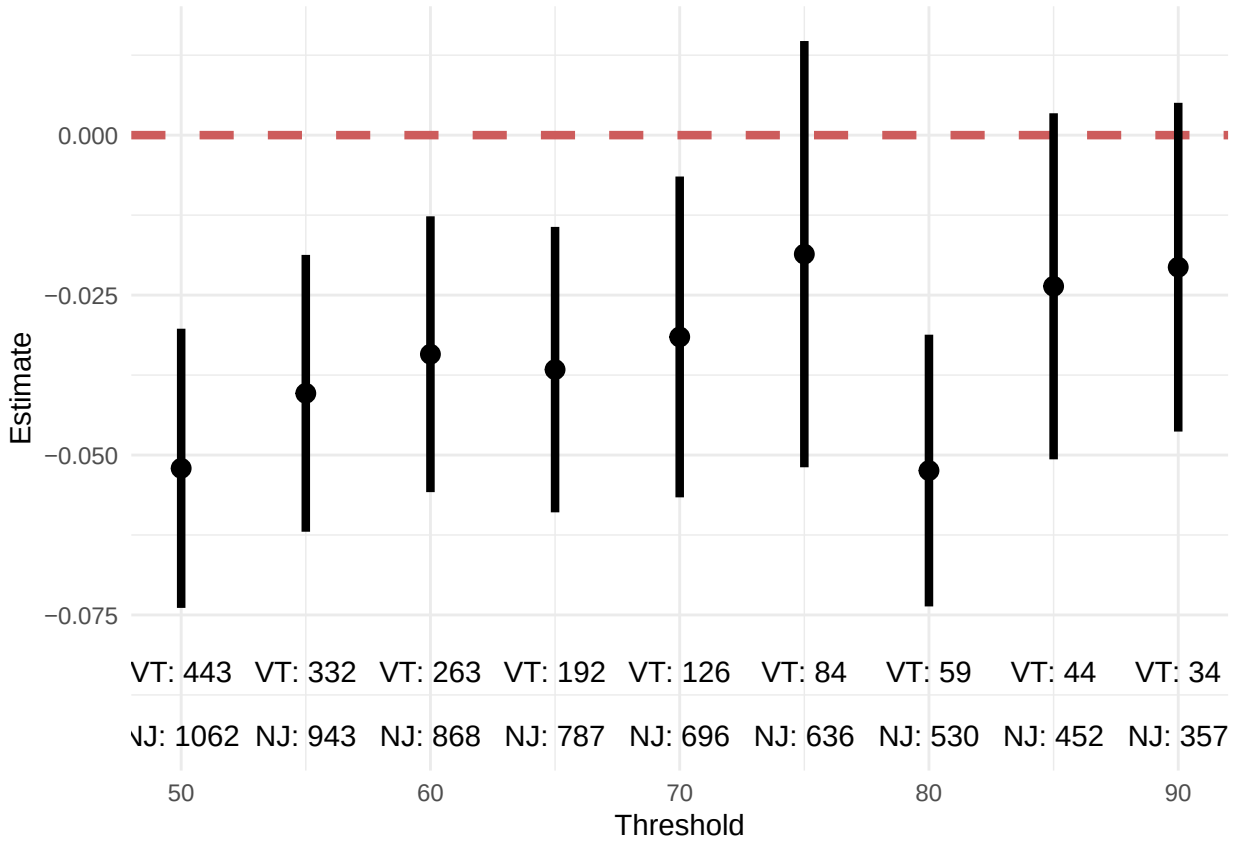
```
njvt_threshdat$NJ <- paste("NJ:", njvt_threshdat$NJ)
njvt_threshdat$VT <- paste("VT:", njvt_threshdat$VT)

ggplot(njvt_threshdat, aes(x = threshold, y = Estimate)) + geom_hline(size = 1.5,
    linetype = 2, colour = "indianred", yintercept = 0) + geom_point(size = 3) +
    geom_linerange(aes(ymin = Estimate - 1.96 * `Cluster s.e.`,
        ymax = Estimate + 1.96 * `Cluster s.e.`), size = 1.5) +
    geom_text(aes(x = threshold, y = min(njvt_threshdat$Estimate -
        1.96 * njvt_threshdat$`Cluster s.e.`) - 0.02, label = NJ),
        size = 4) + geom_text(aes(x = threshold, y = min(njvt_threshdat$Estimate -
    1.96 * njvt_threshdat$`Cluster s.e.`) - 0.01, label = VT),
    size = 4) + xlab("Threshold") + theme_minimal()
```

```
## Warning: Use of `njvt_threshdat$Estimate` is discouraged.
## i Use `Estimate` instead.
```

```
## Warning: Use of `` njvt_threshdat$`Cluster s.e.` `` is discouraged.
## i Use `Cluster s.e.` instead.
```

```
## Warning: Use of `njvt_threshdat$Estimate` is discouraged.
## i Use `Estimate` instead.
```

```
## Warning: Use of `` njvt_threshdat$`Cluster s.e.` `` is discouraged.
## i Use `Cluster s.e.` instead.
```




```
# how many legislators do we have within-legislator
# variation for at different levels?

r_il <- aggregate(bigger ~ ko_id, data = dat_ilin[!is.na(dat_ilin$partyunity),
    ], FUN = mean)
t_il <- aggregate(bigger ~ ko_id, data = dat_ilin[!is.na(dat_ilin$pu90),
    ], FUN = mean)

nrow(r_il[r_il$bigger > 0 & r_il$bigger < 1, ])
```

```
## [1] 33
```

```
nrow(t_il[t_il$bigger > 0 & t_il$bigger < 1, ])
```

```
## [1] 18
```

```
r_vt <- aggregate(bigger ~ id, data = dat_njvt[!is.na(dat_njvt$partyunity) &
    dat_njvt$state == "VT", ], FUN = mean)
t_vt <- aggregate(bigger ~ id, data = dat_njvt[!is.na(dat_njvt$pu90) &
    dat_njvt$state == "VT", ], FUN = mean)

nrow(r_vt[r_vt$bigger > 0 & r_vt$bigger < 1, ])
```

```
## [1] 98
```

```
nrow(t_vt[t_vt$bigger > 0 & t_vt$bigger < 1, ])
```

```
## [1] 27
```

```
############################################################################## Section
############################################################################## B.7
############################################################################## Sampling-Based
############################################################################## Party
############################################################################## Unity
############################################################################## Score
############################################################################## ######################

il_cor <- cor(dat_ilin$partyunity[dat_ilin$state == "IL"], dat_ilin$pu_partysample[dat_ilin$state ==
    "IL"], use = "complete.obs")
in_cor <- cor(dat_ilin$partyunity[dat_ilin$state == "IN"], dat_ilin$pu_partysample[dat_ilin$state ==
    "IN"], use = "complete.obs")
nj_cor <- cor(dat_njvt$partyunity[dat_njvt$state == "NJ"], dat_njvt$pu_partysample[dat_njvt$state ==
    "NJ"], use = "complete.obs")
vt_cor <- cor(dat_njvt$partyunity[dat_njvt$state == "VT"], dat_njvt$pu_partysample[dat_njvt$state ==
    "VT"], use = "complete.obs")

# Table B.12: Sampling-Based Party Unity Measure: Illinois
# and Indiana, 1838 to 1851

# Illinois + Indiana

ilin_state_pus <- felm(pu_partysample ~ bigger + majority + maj_share +
    inc | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_int_pus <- felm(pu_partysample ~ bigger * majority +
    maj_share + inc | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_id_pus <- felm(pu_partysample ~ bigger + majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
ilin_id_int_pus <- felm(pu_partysample ~ bigger * majority +
    maj_share + inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

ilin_state_cont_pus <- felm(pu_partysample ~ lht + majority +
    maj_share + inc | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_state_int_cont_pus <- felm(pu_partysample ~ lht * majority +
    maj_share + inc | state + mod_year | 0 | ko_id, data = dat_ilin)
ilin_id_cont_pus <- felm(pu_partysample ~ lht + majority + maj_share +
    inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin)
ilin_id_int_cont_pus <- felm(pu_partysample ~ lht * majority +
    maj_share + inc | ko_id + mod_year | 0 | ko_id, data = dat_ilin)

ilinsg_pus <- stargazer(ilin_state_pus, ilin_state_int_pus, ilin_id_pus,
    ilin_id_int_pus, dep.var.labels = c("Party Unity (Alternative Measure)"),
    order = c(1, 5, 2, 3, 4), covariate.labels = c("Chamber Larger",
        "Larger $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")), title = "Sampling-Based Party Unity Measure:
    label = "ilintab_pus", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
```

```
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:08
## \begin{table}[!ht] \centering
##   \caption{Sampling-Based Party Unity Measure: Illinois and Indiana, 1838 to 1851 \vspace{-0.75em}}
##   \label{ilintab_pus}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity (Alternative Measure)} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.055$^{**}$ & $-$0.015 & $-$0.075$^{**}$ & $-$0.044 \\
##   & (0.013) & (0.016) & (0.020) & (0.035) \\
##   Larger $\times$ In Maj. &  & $-$0.060$^{**}$ &  & $-$0.042 \\
##   &  & (0.015) &  & (0.038) \\
##   In Majority & $-$0.023$^{**}$ & $-$0.014$^{**}$ & $-$0.008 & $-$0.008 \\
##   & (0.005) & (0.005) & (0.007) & (0.007) \\
##   Majority Seat Share & $-$0.115$^{**}$ & $-$0.124$^{**}$ & 0.056 & 0.055 \\
##   & (0.057) & (0.057) & (0.081) & (0.081) \\
##   Incumbent & 0.011$^{*}$ & 0.011$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\
##   & (0.006) & (0.006) & (0.006) & (0.006) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Legislator + Year} \\ % &  &
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##                $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_cont_pus <- stargazer(ilin_state_cont_pus, ilin_state_int_cont_pus,
    ilin_id_cont_pus, ilin_id_int_cont_pus, dep.var.labels = c("Party Unity (Alternative Measure)"),
    order = c(1, 5, 2, 3, 4), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "State + Year", "State + Year",
        "Leg. + Year", "Leg. + Year")), title = "Sampling-Based Party Unity Measure: Illinois and Indian
    label = "ilintab_pus", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, omit.table.layout = "l#",
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:08
## \begin{table}[!ht] \centering
##   \caption{Sampling-Based Party Unity Measure: Illinois and Indiana, 1838 to 1851  \vspace{-0.75em}}
##   \label{ilintab_pus}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity (Alternative Measure)} \\
## \hline \\[-1.8ex]
```

```
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0001 & $-$0.002$^{**}$ & $-$0.001 \\
##   & (0.0003) & (0.0004) & (0.001) & (0.001) \\
##   Size $\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001 \\
##   &  & (0.0005) &  & (0.001) \\
##   In Majority & $-$0.024$^{**}$ & 0.095$^{**}$ & $-$0.008 & 0.071 \\
##   & (0.005) & (0.046) & (0.007) & (0.087) \\
##   Majority Seat Share & $-$0.173$^{**}$ & $-$0.179$^{**}$ & 0.030 & 0.029 \\
##   & (0.052) & (0.052) & (0.080) & (0.080) \\
##   Incumbent & 0.011$^{*}$ & 0.011$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\
##   & (0.006) & (0.006) & (0.006) & (0.006) \\
##  \hline \\[-1.8ex]
## Fixed Effects & State + Year & State + Year & Leg. + Year & Leg. + Year \\
## Observations & 1,997 & 1,997 & 1,997 & 1,997 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_pus, ilinsg_cont_pus, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.summary.stats = T, same.lhs.vars = F)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:08"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Sampling-Based Party Unity Measure: Illinois and Indiana, 1838 to 1851 \\vspace{-0
##  [6] "  \\label{ilintab_pus} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity (Alternative Measure)} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [13] " Chamber Larger & $-$0.055$^{**}$ & $-$0.015 & $-$0.075$^{**}$ & $-$0.044 \\\\ "
## [14] "  & (0.013) & (0.016) & (0.020) & (0.035) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & $-$0.060$^{**}$ &  & $-$0.042 \\\\ "
## [16] "  &  & (0.015) &  & (0.038) \\\\ "
## [17] "  In Majority & $-$0.023$^{**}$ & $-$0.014$^{**}$ & $-$0.008 & $-$0.008 \\\\ "
## [18] "  & (0.005) & (0.005) & (0.007) & (0.007) \\\\ "
## [19] "  Majority Seat Share & $-$0.115$^{**}$ & $-$0.124$^{**}$ & 0.056 & 0.055 \\\\ "
## [20] "  & (0.057) & (0.057) & (0.081) & (0.081) \\\\ "
## [21] "  Incumbent & 0.011$^{*}$ & 0.011$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\\\ "
## [22] "  & (0.006) & (0.006) & (0.006) & (0.006) \\\\ "
## [23] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [24] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [25] " Chamber Size & $-$0.001$^{**}$ & $-$0.0001 & $-$0.002$^{**}$ & $-$0.001 \\\\ "
## [26] "  & (0.0003) & (0.0004) & (0.001) & (0.001) \\\\ "
## [27] "  Size $\\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001 \\\\ "
## [28] "  &  & (0.0005) &  & (0.001) \\\\ "
## [29] "  In Majority & $-$0.024$^{**}$ & 0.095$^{**}$ & $-$0.008 & 0.071 \\\\ "
## [30] "  & (0.005) & (0.046) & (0.007) & (0.087) \\\\ "
```

```
## [31] "  Majority Seat Share & $-$0.173$^{**}$ & $-$0.179$^{**}$ & 0.030 & 0.029 \\\\ "
## [32] "  & (0.052) & (0.052) & (0.080) & (0.080) \\\\ "
## [33] "  Incumbent & 0.011$^{*}$ & 0.011$^{*}$ & 0.012$^{*}$ & 0.012$^{*}$ \\\\ "
## [34] "  & (0.006) & (0.006) & (0.006) & (0.006) \\\\ "
## [35] " \\hline \\\\[-1.8ex] "
## [36] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{Legislator + Year} \\\\
## [37] "Observations & 1,997 & 1,997 & 1,997 & 1,997 \\\\ "
## [38] "\\hline "
## [39] "\\hline \\\\[-1.8ex] "
## [40] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [41] "                        standard errors clustered by legislator in parentheses. Observations ar
## [42] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [43] "\\end{tabular} "
## [44] "\\end{table} "
```

```
# Table B.13: Sampling-Based Party Unity Measure: New
# Jersey and Vermont, 1957-1974

njvt2_pus <- felm(pu_partysample ~ bigger + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt)
njvtint2_pus <- felm(pu_partysample ~ bigger * majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt)
njvt3_pus <- felm(pu_partysample ~ bigger + majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt)
njvtint1_pus <- felm(pu_partysample ~ bigger * majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt)

njvt2_cont_pus <- felm(pu_partysample ~ lht + majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt)
njvtint2_cont_pus <- felm(pu_partysample ~ lht * majority + maj_share +
    inc | state + modyear1 | 0 | id, data = dat_njvt)
njvt3_cont_pus <- felm(pu_partysample ~ lht + majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt)
njvtint1_cont_pus <- felm(pu_partysample ~ lht * majority + maj_share +
    inc | id + modyear1 | 0 | id, data = dat_njvt)

njvtsg_pus <- stargazer(njvt2_pus, njvtint2_pus, njvt3_pus, njvtint1_pus,
    dep.var.labels = c("Party Unity Score"), order = c(1, 5,
        2, 3, 4), covariate.labels = c("Chamber Larger", "Larger $\\times$ In Maj.",
        "In Majority", "Majority Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Leg. + Year} \\\\ %")),
    title = "Sampling-Based Party Unity Measure: New Jersey and Vermont, 1957-1974 \\vspace{-0.75em}",
    label = "njvttab_pus", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\footn
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:09
## \begin{table}[!ht] \centering
##   \caption{Sampling-Based Party Unity Measure: New Jersey and Vermont, 1957-1974 \vspace{-0.75em}}
##   \label{njvttab_pus}
```

```
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.047$^{**}$ & $-$0.056$^{**}$ & $-$0.041$^{**}$ & 0.010 \\
##   & (0.011) & (0.015) & (0.012) & (0.014) \\
##   Larger $\times$ In Maj. &  & 0.012 &  & $-$0.069$^{**}$ \\
##   &  & (0.017) &  & (0.016) \\
##   In Majority & $-$0.043$^{**}$ & $-$0.049$^{**}$ & 0.033$^{**}$ & 0.063$^{**}$ \\
##   & (0.009) & (0.013) & (0.011) & (0.013) \\
##   Majority Seat Share & $-$0.076 & $-$0.076 & $-$0.014 & $-$0.013 \\
##   & (0.054) & (0.054) & (0.048) & (0.047) \\
##   Incumbent & 0.015$^{**}$ & 0.015$^{**}$ & 0.014$^{*}$ & 0.014$^{*}$ \\
##   & (0.006) & (0.006) & (0.008) & (0.008) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Leg. + Year} \\ % &  &  \\
## Observations & 2,542 & 2,542 & 2,542 & 2,542 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                         standard errors clustered by legislator in parentheses. Observations are at t
##                $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
njvtsg_cont_pus <- stargazer(njvt2_cont_pus, njvtint2_cont_pus,
    njvt3_cont_pus, njvtint1_cont_pus, dep.var.labels = c("Party Unity Score"),
    order = c(1, 5, 2, 3, 4), covariate.labels = c("Chamber Size",
        "Size $\\times$ In Maj.", "In Majority", "Majority Seat Share",
        "Incumbent"), keep.stat = c("n"), report = "vc*s", table.placement = "!ht",
    add.lines = list(c("Fixed Effects", "\\multicolumn{2}{c}{State + Year}",
        "\\multicolumn{2}{c}{Leg. + Year} \\\\ %")), title = "Sampling-Based Party Unity Measure: New J
    label = "njvttab_pus", notes.append = FALSE, notes.label = "",
    no.space = T, omit.table.layout = "l#", digits = 3, digits.extra = 3,
    star.char = c("*", "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{0.75\\textwidth}{\\foot
                        standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:09
## \begin{table}[!ht] \centering
##   \caption{Sampling-Based Party Unity Measure: New Jersey and Vermont, 1957-1974 \vspace{-0.75em}}
##   \label{njvttab_pus}
## \begin{tabular}{@{\extracolsep{5pt}}lcccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{Party Unity Score} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.001$^{**}$ & $-$0.0002 & $-$0.0005$^{**}$ & 0.0004$^{**}$ \\
##   & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\
##   Size $\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001$^{**}$ \\
##   &  & (0.0001) &  & (0.0002) \\
##   In Majority & $-$0.043$^{**}$ & 0.040$^{**}$ & 0.035$^{**}$ & 0.109$^{**}$ \\
```

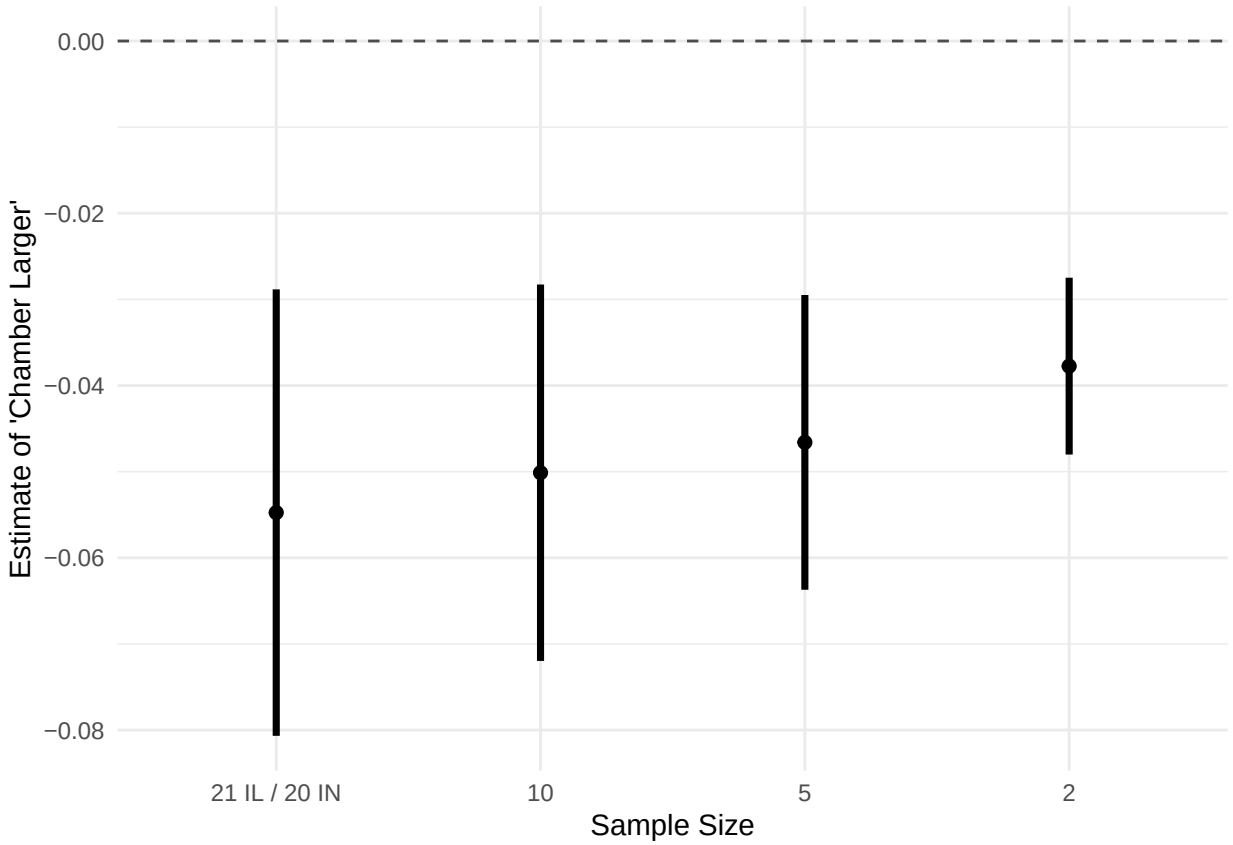
```
##   & (0.009) & (0.017) & (0.011) & (0.018) \\
##   Majority Seat Share & $-$0.144$^{**}$ & $-$0.164$^{**}$ & $-$0.051 & $-$0.052 \\
##   & (0.046) & (0.046) & (0.045) & (0.045) \\
##   Incumbent & 0.015$^{**}$ & 0.018$^{**}$ & 0.014$^{*}$ & 0.014$^{*}$ \\
##   & (0.006) & (0.006) & (0.008) & (0.008) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Leg. + Year} \\ % &  &  \\
## Observations & 2,542 & 2,542 & 2,542 & 2,542 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{5}{r}{\parbox[t]{0.75\textwidth}{\footnotesize \textit{Note}: Entries are linear regress
##                       standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(njvtsg_pus, njvtsg_cont_pus, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

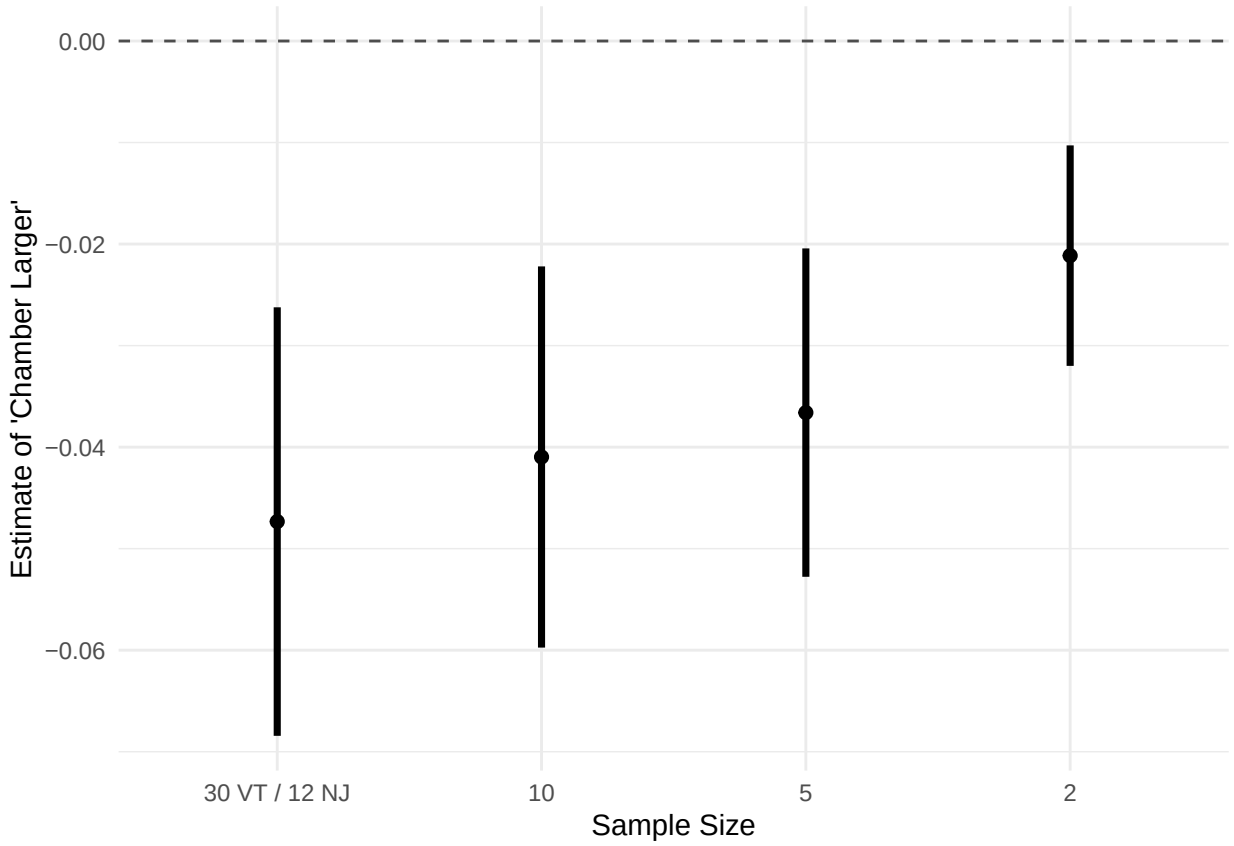
```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.h
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:09"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Sampling-Based Party Unity Measure: New Jersey and Vermont, 1957-1974 \\vspace{-0.
##  [6] "  \\label{njvttab_pus} "
##  [7] "\\begin{tabular}{@{\\extracolsep{5pt}}lcccc} "
##  [8] "\\\\[-1.8ex]\\hline "
##  [9] "\\hline \\\\[-1.8ex] "
## [10] "\\\\[-1.8ex] & \\multicolumn{4}{c}{Party Unity Score} \\\\ "
## [11] "\\hline \\\\[-1.8ex] "
## [12] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n
## [13] " Chamber Larger & $-$0.047$^{**}$ & $-$0.056$^{**}$ & $-$0.041$^{**}$ & 0.010 \\\\ "
## [14] "  & (0.011) & (0.015) & (0.012) & (0.014) \\\\ "
## [15] "  Larger $\\times$ In Maj. &  & 0.012 &  & $-$0.069$^{**}$ \\\\ "
## [16] "  &  & (0.017) &  & (0.016) \\\\ "
## [17] "  In Majority & $-$0.043$^{**}$ & $-$0.049$^{**}$ & 0.033$^{**}$ & 0.063$^{**}$ \\\\ "
## [18] "  & (0.009) & (0.013) & (0.011) & (0.013) \\\\ "
## [19] "  Majority Seat Share & $-$0.076 & $-$0.076 & $-$0.014 & $-$0.013 \\\\ "
## [20] "  & (0.054) & (0.054) & (0.048) & (0.047) \\\\ "
## [21] "  Incumbent & 0.015$^{**}$ & 0.015$^{**}$ & 0.014$^{*}$ & 0.014$^{*}$ \\\\ "
## [22] "  & (0.006) & (0.006) & (0.008) & (0.008) \\\\ "
## [23] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [24] "\\\\[-2.0ex] \\multicolumn{5}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [25] " Chamber Size & $-$0.001$^{**}$ & $-$0.0002 & $-$0.0005$^{**}$ & 0.0004$^{**}$ \\\\ "
## [26] "  & (0.0002) & (0.0002) & (0.0002) & (0.0002) \\\\ "
## [27] "  Size $\\times$ In Maj. &  & $-$0.001$^{**}$ &  & $-$0.001$^{**}$ \\\\ "
## [28] "  &  & (0.0001) &  & (0.0002) \\\\ "
## [29] "  In Majority & $-$0.043$^{**}$ & 0.040$^{**}$ & 0.035$^{**}$ & 0.109$^{**}$ \\\\ "
## [30] "  & (0.009) & (0.017) & (0.011) & (0.018) \\\\ "
## [31] "  Majority Seat Share & $-$0.144$^{**}$ & $-$0.164$^{**}$ & $-$0.051 & $-$0.052 \\\\ "
## [32] "  & (0.046) & (0.046) & (0.045) & (0.045) \\\\ "
## [33] "  Incumbent & 0.015$^{**}$ & 0.018$^{**}$ & 0.014$^{*}$ & 0.014$^{*}$ \\\\ "
## [34] "  & (0.006) & (0.006) & (0.008) & (0.008) \\\\ "
## [35] " \\hline \\\\[-1.8ex] "
```

```
## [36] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{Leg. + Year} \\\\ % &
## [37] "Observations & 2,542 & 2,542 & 2,542 & 2,542 \\\\ "
## [38] "\\hline "
## [39] "\\hline \\\\[-1.8ex] "
## [40] "\\multicolumn{5}{r}{\\parbox[t]{0.75\\textwidth}{\\footnotesize \\textit{Note}: Entries are li
## [41] "                        standard errors clustered by legislator in parentheses. Observations ar
## [42] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [43] "\\end{tabular} "
## [44] "\\end{table} "
```

```
# Figure B.4 alternative sample size thresholds

ilinmin <- ilin_state_pus
ilin10 <- felm(pus10 ~ bigger + majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin)
ilin5 <- felm(pus5 ~ bigger + majority + maj_share + inc | state +
    mod_year | 0 | ko_id, data = dat_ilin)
ilin2 <- felm(pus2 ~ bigger + majority + maj_share + inc | state +
    mod_year | 0 | ko_id, data = dat_ilin)

ilin_sample_plot <- as.data.frame(rbind(summary(ilinmin)$coefficients["bigger",
    1:2], summary(ilin10)$coefficients["bigger", 1:2], summary(ilin5)$coefficients["bigger",
    1:2], summary(ilin2)$coefficients["bigger", 1:2]))
ilin_sample_plot$samp <- factor(c("21 IL / 20 IN", "10", "5",
    "2"), levels = c("21 IL / 20 IN", "10", "5", "2"))

ggplot(ilin_sample_plot, aes(x = samp, y = Estimate, ymin = Estimate -
    2 * `Cluster s.e.`, ymax = Estimate + 2 * `Cluster s.e.`)) +
    geom_hline(yintercept = 0, linetype = 2, colour = "grey30") +
    geom_point(size = 2) + geom_linerange(size = 1.25) + xlab("Sample Size") +
    ylab("Estimate of 'Chamber Larger'") + theme_minimal()
```




```
njvtmin <- njvt2_pus
njvt10 <- felm(pus10 ~ bigger + majority + maj_share + inc |
    state + modyear1 | 0 | id, data = dat_njvt)
njvt5 <- felm(pus5 ~ bigger + majority + maj_share + inc | state +
    modyear1 | 0 | id, data = dat_njvt)
njvt2 <- felm(pus2 ~ bigger + majority + maj_share + inc | state +
    modyear1 | 0 | id, data = dat_njvt)

njvt_sample_plot <- as.data.frame(rbind(summary(njvtmin)$coefficients["bigger",
    1:2], summary(njvt10)$coefficients["bigger", 1:2], summary(njvt5)$coefficients["bigger",
    1:2], summary(njvt2)$coefficients["bigger", 1:2]))
njvt_sample_plot$samp <- factor(c("30 VT / 12 NJ", "10", "5",
    "2"), levels = c("30 VT / 12 NJ", "10", "5", "2"))

ggplot(njvt_sample_plot, aes(x = samp, y = Estimate, ymin = Estimate -
    2 * `Cluster s.e.`, ymax = Estimate + 2 * `Cluster s.e.`)) +
    geom_hline(yintercept = 0, linetype = 2, colour = "grey30") +
    geom_point(size = 2) + geom_linerange(size = 1.25) + xlab("Sample Size") +
    ylab("Estimate of 'Chamber Larger'") + theme_minimal()
```




```
# correlations between regular pu scores and sampling-based

pu_pus <- c(cor(dat_ilin$partyunity[dat_ilin$state == "IL"],
    dat_ilin$pu_partysample[dat_ilin$state == "IL"], use = "complete.obs"),
    cor(dat_ilin$partyunity[dat_ilin$state == "IN"], dat_ilin$pu_partysample[dat_ilin$state ==
        "IN"], use = "complete.obs"), cor(dat_njvt$partyunity[dat_njvt$state ==
        "NJ"], dat_njvt$pu_partysample[dat_njvt$state == "NJ"],
        use = "complete.obs"), cor(dat_njvt$partyunity[dat_njvt$state ==
        "VT"], dat_njvt$pu_partysample[dat_njvt$state == "VT"],
        use = "complete.obs"))

round(min(pu_pus), 2)
```

```
## [1] 0.98
```

```
################################################################################ Section
################################################################################ B.8
################################################################################ Accounting
################################################################################ for
################################################################################ Illinois's
################################################################################ Multiple
################################################################################ Changes
################################################################################ ##########

# Table B.14 considering Illinois's two changes separately
# ################################

b <- felm(partyunity ~ bigger + majority + maj_share + inc |
```

```
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
b2 <- felm(partyunity ~ bigger * majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
b3 <- felm(partyunity ~ bigger + majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
b4 <- felm(partyunity ~ bigger * majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])

bcont <- felm(partyunity ~ lht + majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
bcont2 <- felm(partyunity ~ lht * majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
bcont3 <- felm(partyunity ~ lht + majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])
bcont4 <- felm(partyunity ~ lht * majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year <=
    1846, ])

dat_ilin$after_outcome <- dat_ilin$partyunity

a <- felm(after_outcome ~ bigger + majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
a2 <- felm(after_outcome ~ bigger * majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
a3 <- felm(after_outcome ~ bigger + majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
a4 <- felm(after_outcome ~ bigger * majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])

acont <- felm(after_outcome ~ lht + majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
acont2 <- felm(after_outcome ~ lht * majority + maj_share + inc |
    state + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
acont3 <- felm(after_outcome ~ lht + majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
acont4 <- felm(after_outcome ~ lht * majority + maj_share + inc |
    ko_id + mod_year | 0 | ko_id, data = dat_ilin[dat_ilin$mod_year >=
    1842, ])
```

```
ilinsg_ba <- stargazer(b, b2, b3, b4, a, a2, a3, a4, dep.var.caption = c("Party Unity Score"),
    dep.var.labels = c("1838 to 1846", "1842 to 1851"), order = c(1,
        5, 2, 3, 4), covariate.labels = c("Chamber Larger", "Larger $\\times$ In Maj.",
        "In Majority", "Maj. Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")),
    title = "Considering Illinois' Changes Separately \\vspace{-0.75em}",
    label = "ilintab_ba", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, font.size = "footnotesize",
    omit.table.layout = "l#", column.sep.width = "0pt", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                    standard errors clustered by legislator in parentheses. Observations are at the
             $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:11
## \begin{table}[!ht] \centering
##   \caption{Considering Illinois' Changes Separately \vspace{-0.75em}}
##   \label{ilintab_ba}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lcccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{1838 to 1846} & \multicolumn{4}{c}{1842 to 1851} \\
## \hline \\[-1.8ex]
##  Chamber Larger & $-$0.121$^{**}$ & $-$0.065$^{**}$ & $-$0.081$^{**}$ & $-$0.107$^{*}$ & $-$0.037$^{
##   & (0.020) & (0.023) & (0.031) & (0.058) & (0.018) & (0.022) & (0.036) & (0.060) \\
##   Larger $\times$ In Maj. &  & $-$0.084$^{**}$ &  & 0.033 &  & $-$0.071$^{**}$ &  & $-$0.114$^{*}$ \
##   &  & (0.017) &  & (0.056) &  & (0.017) &  & (0.068) \\
##   In Majority & $-$0.017$^{**}$ & 0.002 & $-$0.006 & $-$0.007 & $-$0.028$^{**}$ & $-$0.012$^{*}$ & 0
##   & (0.007) & (0.007) & (0.009) & (0.010) & (0.007) & (0.007) & (0.010) & (0.010) \\
##   Maj. Seat Share & $-$0.002 & $-$0.020 & 0.021 & 0.022 & $-$0.150 & $-$0.157 & $-$0.031 & $-$0.139
##   & (0.073) & (0.074) & (0.099) & (0.099) & (0.140) & (0.141) & (0.294) & (0.280) \\
##   Incumbent & 0.008 & 0.009 & 0.014 & 0.014 & 0.015$^{*}$ & 0.016$^{**}$ & 0.009 & 0.007 \\
##   & (0.008) & (0.008) & (0.009) & (0.009) & (0.008) & (0.008) & (0.009) & (0.009) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Legislator + Year} & \multicolu
## Observations & 1,483 & 1,483 & 1,483 & 1,483 & 1,450 & 1,450 & 1,450 & 1,450 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                         standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
ilinsg_ba_cont <- stargazer(bcont, bcont2, bcont3, bcont4, acont,
    acont2, acont3, acont4, dep.var.caption = c("Party Unity Score"),
    dep.var.labels = c("1838 to 1846", "1842 to 1851"), order = c(1,
        5, 2, 3, 4), covariate.labels = c("Chamber Size", "Size $\\times$ In Maj.",
        "In Majority", "Maj. Seat Share", "Incumbent"), keep.stat = c("n"),
    report = "vc*s", table.placement = "!ht", add.lines = list(c("Fixed Effects",
```

```
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year}",
        "\\multicolumn{2}{c}{State + Year}", "\\multicolumn{2}{c}{Legislator + Year} \\\\ %")),
    title = "Considering Illinois' Changes Separately \\vspace{-0.75em}",
    label = "ilintab_ba", notes.append = FALSE, notes.label = "",
    no.space = T, digits = 3, digits.extra = 3, font.size = "footnotesize",
    omit.table.layout = "l#", column.sep.width = "0pt", star.char = c("*",
        "**"), star.cutoffs = c(0.1, 0.05), notes = "\\parbox[t]{\\textwidth}{\\footnotesize \\textit{N
                    standard errors clustered by legislator in parentheses. Observations are at the
              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}")
```

```
##
## % Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac a
## % Date and time: Fri, Aug 09, 2024 - 11:28:12
## \begin{table}[!ht] \centering
##   \caption{Considering Illinois' Changes Separately \vspace{-0.75em}}
##   \label{ilintab_ba}
## \footnotesize
## \begin{tabular}{@{\extracolsep{0pt}}lccccccc}
## \\[-1.8ex]\hline
## \hline \\[-1.8ex]
## \\[-1.8ex] & \multicolumn{4}{c}{1838 to 1846} & \multicolumn{4}{c}{1842 to 1851} \\
## \hline \\[-1.8ex]
##  Chamber Size & $-$0.004$^{**}$ & $-$0.002$^{**}$ & $-$0.003$^{**}$ & $-$0.004$^{**}$ & $-$0.001$^{*
##   & (0.001) & (0.001) & (0.001) & (0.001) & (0.0004) & (0.001) & (0.001) & (0.001) \\
##   Size $\times$ In Maj. &  & $-$0.003$^{**}$ &  & 0.002 &  & $-$0.001$^{**}$ &  & $-$0.002 \\
##   &  & (0.001) &  & (0.001) &  & (0.001) &  & (0.001) \\
##   In Majority & $-$0.017$^{**}$ & 0.291$^{**}$ & $-$0.006 & $-$0.224 & $-$0.028$^{**}$ & 0.111$^{*}$
##   & (0.007) & (0.069) & (0.009) & (0.137) & (0.007) & (0.057) & (0.010) & (0.146) \\
##   Maj. Seat Share & 0.004 & $-$0.006 & 0.023 & 0.021 & $-$0.144 & $-$0.162 & $-$0.032 & $-$0.133 \\
##   & (0.073) & (0.073) & (0.099) & (0.099) & (0.139) & (0.141) & (0.295) & (0.281) \\
##   Incumbent & 0.008 & 0.009 & 0.013 & 0.013 & 0.015$^{*}$ & 0.016$^{*}$ & 0.009 & 0.007 \\
##   & (0.008) & (0.008) & (0.009) & (0.009) & (0.008) & (0.008) & (0.009) & (0.009) \\
##  \hline \\[-1.8ex]
## Fixed Effects & \multicolumn{2}{c}{State + Year} & \multicolumn{2}{c}{Legislator + Year} & \multicolu
## Observations & 1,483 & 1,483 & 1,483 & 1,483 & 1,450 & 1,450 & 1,450 & 1,450 \\
## \hline
## \hline \\[-1.8ex]
## \multicolumn{9}{r}{\parbox[t]{\textwidth}{\footnotesize \textit{Note}: Entries are linear regression
##                       standard errors clustered by legislator in parentheses. Observations are at t
##               $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\
## \end{tabular}
## \end{table}
```

```
star_panel(ilinsg_ba, ilinsg_ba_cont, panel.label.fontface = "bold",
    panel.names = c("Binary Independent Variable", "Continuous Independent Variable"),
    same.lhs.vars = F, same.summary.stats = T)
```

```
##  [1] ""
##  [2] "% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hl
##  [3] "% Date and time: Fri, Aug 09, 2024 - 11:28:12"
##  [4] "\\begin{table}[!ht] \\centering "
##  [5] "  \\caption{Considering Illinois' Changes Separately \\vspace{-0.75em}} "
##  [6] "  \\label{ilintab_ba} "
##  [7] "\\footnotesize "
```

```
##  [8] "\\begin{tabular}{@{\\extracolsep{0pt}}lcccccccc} "
##  [9] "\\\\[-1.8ex]\\hline "
## [10] "\\hline \\\\[-1.8ex] "
## [11] "\\\\[-1.8ex] & \\multicolumn{4}{c}{1838 to 1846} & \\multicolumn{4}{c}{1842 to 1851} \\\\ "
## [12] "\\hline \\\\[-1.8ex] "
## [13] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel A: Binary Independent Variable}}\n \\\\\n "
## [14] " Chamber Larger & $-$0.121$^{**}$ & $-$0.065$^{**}$ & $-$0.081$^{**}$ & $-$0.107$^{*}$ & $-$0.
## [15] "  & (0.020) & (0.023) & (0.031) & (0.058) & (0.018) & (0.022) & (0.036) & (0.060) \\\\ "
## [16] "  Larger $\\times$ In Maj. &  & $-$0.084$^{**}$ &  & 0.033 &  & $-$0.071$^{**}$ &  & $-$0.114$
## [17] "  &  & (0.017) &  & (0.056) &  & (0.017) &  & (0.068) \\\\ "
## [18] "  In Majority & $-$0.017$^{**}$ & 0.002 & $-$0.006 & $-$0.007 & $-$0.028$^{**}$ & $-$0.012$^{*
## [19] "  & (0.007) & (0.007) & (0.009) & (0.010) & (0.007) & (0.007) & (0.010) & (0.010) \\\\ "
## [20] "  Maj. Seat Share & $-$0.002 & $-$0.020 & 0.021 & 0.022 & $-$0.150 & $-$0.157 & $-$0.031 & $-$0
## [21] "  & (0.073) & (0.074) & (0.099) & (0.099) & (0.140) & (0.141) & (0.294) & (0.280) \\\\ "
## [22] "  Incumbent & 0.008 & 0.009 & 0.014 & 0.014 & 0.015$^{*}$ & 0.016$^{**}$ & 0.009 & 0.007 \\\\
## [23] "  & (0.008) & (0.008) & (0.009) & (0.009) & (0.008) & (0.008) & (0.009) & (0.009) \\\\ "
## [24] "\\\\[-1.83ex] \n \\hline \\\\[-1.83ex]"
## [25] "\\\\[-2.0ex] \\multicolumn{9}{@{} l}{\\textbf{Panel B: Continuous Independent Variable}}\n \\\\
## [26] " Chamber Size & $-$0.004$^{**}$ & $-$0.002$^{**}$ & $-$0.003$^{**}$ & $-$0.004$^{**}$ & $-$0.0
## [27] "  & (0.001) & (0.001) & (0.001) & (0.001) & (0.0004) & (0.001) & (0.001) & (0.001) \\\\ "
## [28] "  Size $\\times$ In Maj. &  & $-$0.003$^{**}$ &  & 0.002 &  & $-$0.001$^{**}$ &  & $-$0.002 \\
## [29] "  &  & (0.001) &  & (0.001) &  & (0.001) &  & (0.001) \\\\ "
## [30] "  In Majority & $-$0.017$^{**}$ & 0.291$^{**}$ & $-$0.006 & $-$0.224 & $-$0.028$^{**}$ & 0.111
## [31] "  & (0.007) & (0.069) & (0.009) & (0.137) & (0.007) & (0.057) & (0.010) & (0.146) \\\\ "
## [32] "  Maj. Seat Share & 0.004 & $-$0.006 & 0.023 & 0.021 & $-$0.144 & $-$0.162 & $-$0.032 & $-$0.1
## [33] "  & (0.073) & (0.073) & (0.099) & (0.099) & (0.139) & (0.141) & (0.295) & (0.281) \\\\ "
## [34] "  Incumbent & 0.008 & 0.009 & 0.013 & 0.013 & 0.015$^{*}$ & 0.016$^{*}$ & 0.009 & 0.007 \\\\ "
## [35] "  & (0.008) & (0.008) & (0.009) & (0.009) & (0.008) & (0.008) & (0.009) & (0.009) \\\\ "
## [36] " \\hline \\\\[-1.8ex] "
## [37] "Fixed Effects & \\multicolumn{2}{c}{State + Year} & \\multicolumn{2}{c}{Legislator + Year} & \
## [38] "Observations & 1,483 & 1,483 & 1,483 & 1,483 & 1,450 & 1,450 & 1,450 & 1,450 \\\\ "
## [39] "\\hline "
## [40] "\\hline \\\\[-1.8ex] "
## [41] "\\multicolumn{9}{r}{\\parbox[t]{\\textwidth}{\\footnotesize \\textit{Note}: Entries are linear
## [42] "                        standard errors clustered by legislator in parentheses. Observations ar
## [43] "              $^{**}$p$<$0.05, $^{*}$p$<$0.10 (two-tailed).}} \\\\ "
## [44] "\\end{tabular} "
## [45] "\\end{table} "
```