```
R version 4.4.0 (2024-04-24) -- "Puppy Cup"
Copyright (C) 2024 The R Foundation for Statistical Computing
Platform: aarch64-apple-darwin20

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

  Natural language support but running in an English locale

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[R.app GUI 1.80 (8376) aarch64-apple-darwin20]

[History restored from /Users/js122/.Rapp.history]

> library(foreign)
Warning message:
package ‘foreign’ was built under R version 4.4.1
> library(arm)
Loading required package: MASS
Loading required package: Matrix
Loading required package: lme4

arm (Version 1.14-4, built: 2024-4-1)

Working directory is /Users/js122/Library/CloudStorage/Dropbox/VanityCitations/JOP Final/Dataverse

> library(readxl)
> library(lattice)
> library(tidyverse)
── Attaching core tidyverse packages ──────────────────────────────────────── tidyverse 2.0.0 ──
✔ dplyr     1.1.4     ✔ readr     2.1.5
✔ forcats   1.0.0     ✔ stringr   1.5.1
✔ ggplot2   3.5.2     ✔ tibble    3.2.1
✔ lubridate 1.9.3     ✔ tidyr     1.3.1
✔ purrr     1.0.2
── Conflicts ────────────────────────────────────────────────────────── tidyverse_conflicts() ──
✖ tidyr::expand() masks Matrix::expand()
✖ dplyr::filter() masks stats::filter()
✖ dplyr::lag()    masks stats::lag()
✖ tidyr::pack()   masks Matrix::pack()
✖ dplyr::select() masks MASS::select()
✖ tidyr::unpack() masks Matrix::unpack()
ℹ Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
Warning message:
package ‘ggplot2’ was built under R version 4.4.1
> library(stargazer)

Please cite as:
```

```
 Hlavac, Marek (2022). stargazer: Well-Formatted Regression and Summary Statistics Tables.
 R package version 5.2.3. https://CRAN.R-project.org/package=stargazer

> library(faraway)

Attaching package: ‘faraway’

The following object is masked from ‘package:lattice’:

    melanoma

The following objects are masked from ‘package:arm’:

    fround, logit, pfround

> library(lme4)
>
> ########################################
> ### STEP 1: PULL IN THE MODEL 1 DATA ###
> ########################################
>
> model1data <- read.csv("~/Dropbox/VanityCitations/JOP\ Final/Dataverse/Analysis1Data.csv")
>
> ############################################
> ### STEP 2: PRE-PROCESS SOME OF THE DATA ###
> ############################################
>
> model1data$logAttorneyBriefExperience <- log(model1data$attorneyBriefExperience + 1)
> model1data$logTotalNumCites <- log(model1data$totalNumCites + 1)
>
> # check all the variables to make sure no NAs before running
> table(is.na(model1data$unnamedCiteCount))

FALSE
42986
> table(is.na(model1data$majCallOutCount))

FALSE
42986
> table(is.na(model1data$notMajOpinCount))

FALSE
42986
> table(is.na(model1data$median))

FALSE
42986
> table(is.na(model1data$ideoAlign))

FALSE
42986
> table(is.na(model1data$logAttorneyBriefExperience))

FALSE
42986
> table(is.na(model1data$partySG))

FALSE
```

```
42986
> table(is.na(model1data$partyStatus))

FALSE
42986
> table(is.na(model1data$logTotalNumCites))

FALSE
42986
> table(is.na(model1data$pastExpertise))

FALSE
42986
> table(is.na(model1data$clerkPeriod))

FALSE
42986
> table(is.na(model1data$clerkedForThisJustice))

FALSE
42986
>
> model1data$otherCites <- model1data$totalNumCites - model1data$unnamedCiteCount
> model1data$logOtherCites <- log(model1data$otherCites + 1)
>
> model1data$activeCiteCount <- model1data$majCallOutCount + model1data$notMajOpinCount
> model1data$logActiveCites <- log(model1data$activeCiteCount + 1)
>
> ##########################################
> ### STEP 3: SPLIT INTO PET AND RESP DATA ###
> ##########################################
>
> # because the strategies are different due to timing and boundaries on respondent (who won at lower
court, see Wedeking 2010)
>
> model1dataPet <- model1data %>% filter(pet == 1)
> model1dataResp <- model1data %>% filter(pet == 0)
>
> ################################
> ### STEP 4A: PET MODELS IN MS ###
> ################################
>
> ### TABLE 2, COLUMN 1 ###
> model1passivePet <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1passivePet)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
```

```
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 133231.1

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.779 -0.431 -0.176  0.132 36.781

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.7045  0.8394
 justice   (Intercept)  4.3184  2.0781
 issueArea (Intercept)  0.1422  0.3771
 Residual              28.4966  5.3382
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -5.129463   0.542823  -9.450
median                      0.865623   0.158334   5.467
ideoAlign                   0.076581   0.017215   4.449
pastExpertise               0.010166   0.001206   8.430
logAttorneyBriefExperience -0.003676   0.025590  -0.144
clerkedForThisJustice       1.155709   0.365562   3.161
partyStatus                -0.015931   0.014406  -1.106
logTotalNumCites            1.828811   0.053071  34.460

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.038
ideoAlign    0.005  0.004
pastExperts -0.069  0.020 -0.004
lgAttrnyBrE  0.011 -0.006  0.009 -0.001
clrkdFrThsJ  0.005  0.016 -0.024 -0.021 -0.079
partyStatus -0.134  0.006 -0.046  0.008 -0.396  0.017
logTtlNmCts -0.379 -0.006  0.004 -0.030 -0.048 -0.016  0.007
> display(model1passivePet)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -5.13     0.54
median                      0.87     0.16
ideoAlign                   0.08     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience  0.00     0.03
clerkedForThisJustice       1.16     0.37
partyStatus                -0.02     0.01
logTotalNumCites            1.83     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.84
 justice   (Intercept) 2.08
 issueArea (Intercept) 0.38
 Residual              5.34
```

```
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 133255, DIC = 133159.4
deviance = 133195.3
>
> ### TABLE 2, COLUMN 2 ###
> model1majPet <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1majPet)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: -6586

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.6628 -0.1940 -0.1047 -0.0231 28.7945

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 6.220e-05 0.007886
 justice   (Intercept) 1.563e-04 0.012503
 issueArea (Intercept) 3.829e-05 0.006188
 Residual              4.281e-02 0.206907
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -6.899e-02  9.424e-03  -7.321
median                      2.950e-02  5.510e-03   5.355
ideoAlign                  -9.431e-04  6.666e-04  -1.415
pastExpertise               1.228e-04  3.346e-05   3.669
logAttorneyBriefExperience -1.799e-03  9.769e-04  -1.842
clerkedForThisJustice       3.925e-02  1.413e-02   2.779
partyStatus                -1.305e-03  5.506e-04  -2.370
logTotalNumCites            2.401e-02  2.003e-03  11.990

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.048
ideoAlign    0.013  0.002
pastExperts -0.101 -0.091  0.001
lgAttrnyBrE  0.035 -0.013  0.009  0.001
clrkdFrThsJ  0.017  0.006 -0.024 -0.058 -0.085
partyStatus -0.312  0.012 -0.045  0.029 -0.393  0.020
logTtlNmCts -0.823 -0.011  0.001 -0.058 -0.054 -0.020  0.020
```

```
> display(model1majPet)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPet)
                          coef.est coef.se
(Intercept)               -0.07     0.01
median                     0.03     0.01
ideoAlign                  0.00     0.00
pastExpertise              0.00     0.00
logAttorneyBriefExperience 0.00     0.00
clerkedForThisJustice      0.04     0.01
partyStatus                0.00     0.00
logTotalNumCites           0.02     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.01
 issueArea (Intercept) 0.01
 Residual              0.21
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = -6562, DIC = -6770
deviance = -6678.0
>
> ### TABLE 2, COLUMN 3 ###
> model1separatePet <- lmer(notMajOpinCount ~ median
+                         + ideoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1dataPet)
> summary(model1separatePet)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 59217.2

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.255 -0.377 -0.184  0.036 41.684

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.002997 0.05475
 justice   (Intercept) 0.019281 0.13886
 issueArea (Intercept) 0.009362 0.09676
 Residual              0.912940 0.95548
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12
```

```
Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -0.7150895  0.0596383 -11.990
median                      0.1972490  0.0273207   7.220
ideoAlign                  -0.0052510  0.0030804  -1.705
pastExpertise               0.0012918  0.0001886   6.851
logAttorneyBriefExperience -0.0042037  0.0045595  -0.922
clerkedForThisJustice       0.0986919  0.0653381   1.510
partyStatus                -0.0141271  0.0025629  -5.512
logTotalNumCites            0.2494192  0.0094671  26.346

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.043
ideoAlign    0.009  0.004
pastExperts -0.066 -0.072 -0.003
lgAttrnyBrE  0.025 -0.013  0.009 -0.029
clrkdFrThsJ  0.012  0.010 -0.024 -0.045 -0.082
partyStatus -0.227  0.015 -0.045  0.033 -0.393  0.019
logTtlNmCts -0.610 -0.015  0.003 -0.061 -0.058 -0.019  0.016
> display(model1separatePet)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -0.72     0.06
median                      0.20     0.03
ideoAlign                  -0.01     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.10     0.07
partyStatus                -0.01     0.00
logTotalNumCites            0.25     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.05
 justice   (Intercept) 0.14
 issueArea (Intercept) 0.10
 Residual              0.96
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 59241.2, DIC = 59086.9
deviance = 59152.0
>
> ### TABLE 2 PULL ###
> #stargazer(model1passivePet, model1majPet, model1separatePet, align = TRUE, omit.stat=c("LL", "ser",
"f"))
>
> ##################################
> ### STEP 4B: RESP MODELS IN MS ###
> ##################################
>
>
> ### TABLE 3, COLUMN 1 ###
> model1passiveResp <- lmer(unnamedCiteCount ~ median
```

```
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1passiveResp)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 134136

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.7226 -0.4395 -0.1700  0.1440 21.9286

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.7864  0.8868
 justice   (Intercept)  5.0796  2.2538
 issueArea (Intercept)  0.2242  0.4735
 Residual              29.7117  5.4508
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -5.953423   0.587033 -10.142
median                      0.775490   0.161831   4.792
ideoAlign                   0.028653   0.017580   1.630
pastExpertise               0.012522   0.001252  10.001
logAttorneyBriefExperience -0.007787   0.028022  -0.278
clerkedForThisJustice       0.721856   0.421862   1.711
partyStatus                 0.031855   0.014796   2.153
logTotalNumCites            1.968847   0.053869  36.549

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.035
ideoAlign    0.004 -0.005
pastExperts -0.065  0.024  0.003
lgAttrnyBrE  0.013 -0.008  0.003 -0.023
clrkdFrThsJ  0.006  0.013 -0.026 -0.017 -0.064
partyStatus -0.125  0.002 -0.042  0.025 -0.472 -0.013
logTtlNmCts -0.367 -0.006  0.007 -0.032 -0.011 -0.008  0.015
> display(model1passiveResp)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataResp)
                        coef.est coef.se
(Intercept)             -5.95     0.59
```

```
median                       0.78     0.16
ideoAlign                    0.03     0.02
pastExpertise                0.01     0.00
logAttorneyBriefExperience -0.01     0.03
clerkedForThisJustice        0.72     0.42
partyStatus                  0.03     0.01
logTotalNumCites             1.97     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.89
 justice   (Intercept) 2.25
 issueArea (Intercept) 0.47
 Residual              5.45
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 134160, DIC = 134065.9
deviance = 134100.9
>
> ### TABLE 3, COLUMN 2 ###
> model1majResp <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1majResp)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 759.2

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.770 -0.178 -0.096 -0.023 32.296

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 3.985e-05 0.006313
 justice   (Intercept) 3.136e-04 0.017709
 issueArea (Intercept) 3.522e-06 0.001877
 Residual              6.029e-02 0.245545
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)               -9.048e-02  1.089e-02  -8.307
median                     3.504e-02  6.644e-03   5.274
ideoAlign                  3.788e-04  7.912e-04   0.479
pastExpertise              1.407e-04  3.533e-05   3.982
```

```
logAttorneyBriefExperience -1.640e-03  1.227e-03  -1.337
clerkedForThisJustice       5.883e-02  1.891e-02   3.111
partyStatus                 5.206e-04  6.525e-04   0.798
logTotalNumCites            2.624e-02  2.323e-03  11.298

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.044
ideoAlign    0.008 -0.004
pastExperts -0.053 -0.085  0.003
lgAttrnyBrE  0.046 -0.020  0.004 -0.045
clrkdFrThsJ  0.017  0.004 -0.026 -0.038 -0.073
partyStatus -0.289  0.007 -0.044 -0.034 -0.478 -0.008
logTtlNmCts -0.835 -0.015  0.009 -0.105 -0.012 -0.011  0.009
> display(model1majResp)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataResp)
                          coef.est coef.se
(Intercept)               -0.09     0.01
median                     0.04     0.01
ideoAlign                  0.00     0.00
pastExpertise              0.00     0.00
logAttorneyBriefExperience 0.00     0.00
clerkedForThisJustice      0.06     0.02
partyStatus                0.00     0.00
logTotalNumCites           0.03     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.00
 Residual              0.25
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 783.2, DIC = 580.4
deviance = 669.8
>
> ### TABLE 3, COLUMN 3 ###
> model1separateResp <- lmer(notMajOpinCount ~ median
+                         + ideoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1dataResp)
> summary(model1separateResp)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp
```

```
REML criterion at convergence: 55773.5

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.1862 -0.3957 -0.1977  0.0201 23.3076

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.001578 0.03973
 justice   (Intercept) 0.014246 0.11936
 issueArea (Intercept) 0.004176 0.06463
 Residual              0.778395 0.88227
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -7.549e-01  5.055e-02 -14.935
median                      2.153e-01  2.509e-02   8.584
ideoAlign                  -4.815e-05  2.844e-03  -0.017
pastExpertise               1.285e-03  1.681e-04   7.643
logAttorneyBriefExperience  1.745e-03  4.477e-03   0.390
clerkedForThisJustice       2.366e-01  6.810e-02   3.474
partyStatus                -3.068e-04  2.384e-03  -0.129
logTotalNumCites            2.280e-01  8.618e-03  26.458

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.037
ideoAlign    0.007 -0.005
pastExperts -0.051 -0.085  0.002
lgAttrnyBrE  0.039 -0.019  0.003 -0.062
clrkdFrThsJ  0.015  0.008 -0.026 -0.039 -0.069
partyStatus -0.235  0.001 -0.042  0.031 -0.475 -0.012
logTtlNmCts -0.672 -0.018  0.007 -0.081 -0.021 -0.011  0.016
> display(model1separateResp)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -0.75     0.05
median                      0.22     0.03
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.24     0.07
partyStatus                 0.00     0.00
logTotalNumCites            0.23     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.04
 justice   (Intercept) 0.12
 issueArea (Intercept) 0.06
 Residual              0.88
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
```

```
AIC = 55797.5, DIC = 55640.3
deviance = 55706.9
>
> ### TABLE 3 PULL ###
> #stargazer(model1passiveResp, model1majResp, model1separateResp, align = TRUE, omit.stat=c("LL",
"ser", "f"))
>
> ########################################
> ### STEP 5: SUMMARY STATS FOR TABLE 1 ###
> ########################################
>
> ### MANUSCRIPT TABLE 1 ###
>
> summary(model1dataPet$unnamedCiteCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
  0.000   0.000   0.000   2.398   2.000 204.000
> summary(model1dataPet$majCallOutCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
0.00000 0.00000 0.00000 0.02405 0.00000 6.00000
> summary(model1dataPet$notMajOpinCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.0000  0.2525  0.0000 41.0000
> summary(model1dataResp$unnamedCiteCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
   0.00    0.00    1.00    2.61    3.00  128.00
> summary(model1dataResp$majCallOutCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.0000  0.0274  0.0000  8.0000
> summary(model1dataResp$notMajOpinCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.0000  0.2485  0.0000 21.0000
>
> ###################################
> ### STEP 6: ISSUE-AREA MEDIANS ###
> ###################################
>
> # Tables A1 and A2 in supplemental appendix
>
> ## using a different dataset for this, so pull it in
> model1issue <- read.csv("~/Dropbox/VanityCitations/JOP\ Final/Dataverse/Analysis1IssueAreaData.csv")
>
> model1issue$logAttorneyBriefExperience <- log(model1issue$attorneyBriefExperience + 1)
> model1issue$logTotalNumCites <- log(model1issue$totalNumCites + 1)
>
> # check all the variables to make sure no NAs before running
> table(is.na(model1issue$unnamedCiteCount))

FALSE
42724
> table(is.na(model1issue$majCallOutCount))

FALSE
42724
> table(is.na(model1issue$notMajOpinCount))

FALSE
42724
> table(is.na(model1issue$issueIdeoAlign))
```

```
FALSE
42724
> table(is.na(model1issue$ideoAlign))

FALSE
42724
> table(is.na(model1issue$logAttorneyBriefExperience))

FALSE
42724
> table(is.na(model1issue$partySG))

FALSE
42724
> table(is.na(model1issue$partyStatus))

FALSE
42724
> table(is.na(model1issue$logTotalNumCites))

FALSE
42724
> table(is.na(model1issue$pastExpertise))

FALSE
42724
> table(is.na(model1issue$clerkPeriod))

FALSE
42724
> table(is.na(model1issue$clerkedForThisJustice))

FALSE
42724
>
> model1data$otherCites <- model1data$totalNumCites - model1data$unnamedCiteCount
> model1data$logOtherCites <- log(model1data$otherCites + 1)
>
> model1data$activeCiteCount <- model1data$majCallOutCount + model1data$notMajOpinCount
> model1data$logActiveCites <- log(model1data$activeCiteCount + 1)
>
> # split the data
> model1issuePet <- model1issue %>% filter(pet == 1)
> model1issueResp <- model1issue %>% filter(pet == 0)
>
> ##################################
> ### STEP 6A: PET ISSUE MEDIANS ###
> ##################################
>
> ### TABLE A1, COLUMN 1 ###
> model1passivePetIssueMedian <- lmer(unnamedCiteCount ~ issueMedian
+                       + issueIdeoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
```

```
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1issuePet)
> summary(model1passivePetIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issuePet

REML criterion at convergence: 132505.4

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.787 -0.432 -0.176  0.133 36.658

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.9096  0.9537
 justice   (Intercept)  5.4835  2.3417
 issueArea (Intercept)  0.1156  0.3400
 Residual              28.5961  5.3475
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -5.038658   0.595644  -8.459
issueMedian                 0.437159   0.146104   2.992
issueIdeoAlign              0.095255   0.017435   5.464
pastExpertise               0.008962   0.001224   7.321
logAttorneyBriefExperience -0.007005   0.025727  -0.272
clerkedForThisJustice       1.103199   0.368735   2.992
partyStatus                -0.015386   0.014480  -1.063
logTotalNumCites            1.831521   0.053313  34.354

Correlation of Fixed Effects:
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.031
issueIdAlgn  0.007  0.002
pastExperts -0.066 -0.037 -0.002
lgAttrnyBrE  0.011 -0.003  0.006  0.001
clrkdFrThsJ  0.005  0.003 -0.034 -0.021 -0.078
partyStatus -0.124  0.003 -0.048  0.006 -0.395  0.016
logTtlNmCts -0.349 -0.002 -0.002 -0.025 -0.049 -0.015  0.009
> display(model1passivePetIssueMedian)
lmer(formula = unnamedCiteCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issuePet)
                           coef.est coef.se
(Intercept)                -5.04     0.60
issueMedian                 0.44     0.15
issueIdeoAlign              0.10     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience -0.01     0.03
clerkedForThisJustice       1.10     0.37
partyStatus                -0.02     0.01
```

```
logTotalNumCites            1.83     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.95
 justice   (Intercept) 2.34
 issueArea (Intercept) 0.34
 Residual              5.35
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = 132529, DIC = 132433.9
deviance = 132469.6
>
> ### TABLE A1, COLUMN 2 ###
> model1majPetIssueMedian <- lmer(majCallOutCount ~ issueMedian
+                       + issueIdeoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1issuePet)
> summary(model1majPetIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issuePet

REML criterion at convergence: -6397.6

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.6575 -0.1940 -0.1070 -0.0244 28.6831

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 5.194e-05 0.007207
 justice   (Intercept) 2.968e-04 0.017228
 issueArea (Intercept) 3.504e-05 0.005919
 Residual              4.310e-02 0.207594
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -6.792e-02  9.824e-03  -6.913
issueMedian                 1.178e-02  5.453e-03   2.161
issueIdeoAlign             -1.269e-03  6.764e-04  -1.876
pastExpertise               1.085e-04  3.481e-05   3.117
logAttorneyBriefExperience -1.680e-03  9.836e-04  -1.708
clerkedForThisJustice       3.966e-02  1.428e-02   2.778
partyStatus                -1.371e-03  5.543e-04  -2.474
logTotalNumCites            2.454e-02  2.018e-03  12.163

Correlation of Fixed Effects:
```

```
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.044
issueIdAlgn  0.018  0.001
pastExperts -0.093 -0.107  0.003
lgAttrnyBrE  0.038 -0.011  0.005 -0.009
clrkdFrThsJ  0.018 -0.004 -0.034 -0.055 -0.084
partyStatus -0.305  0.009 -0.049  0.041 -0.393  0.019
logTtlNmCts -0.794 -0.009 -0.003 -0.072 -0.055 -0.020  0.021
> display(model1majPetIssueMedian)
lmer(formula = majCallOutCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issuePet)
                          coef.est coef.se
(Intercept)               -0.07     0.01
issueMedian                0.01     0.01
issueIdeoAlign             0.00     0.00
pastExpertise              0.00     0.00
logAttorneyBriefExperience 0.00     0.00
clerkedForThisJustice      0.04     0.01
partyStatus                0.00     0.00
logTotalNumCites           0.02     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.01
 Residual              0.21
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = -6373.6, DIC = -6580.6
deviance = -6489.1
>
> ### TABLE A1, COLUMN 3 ###
> model1separatePetIssueMedian <- lmer(notMajOpinCount ~ issueMedian
+                       + issueIdeoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1issuePet)
> summary(model1separatePetIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issuePet

REML criterion at convergence: 59002.6

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.224 -0.379 -0.186  0.035 41.588
```

```
Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.004126 0.06424
 justice   (Intercept) 0.031058 0.17623
 issueArea (Intercept) 0.009243 0.09614
 Residual              0.918519 0.95839
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -0.7071684  0.0647441 -10.923
issueMedian                 0.1129222  0.0258922   4.361
issueIdeoAlign             -0.0044205  0.0031241  -1.415
pastExpertise               0.0011627  0.0001966   5.915
logAttorneyBriefExperience -0.0039010  0.0045960  -0.849
clerkedForThisJustice       0.0996352  0.0660122   1.509
partyStatus                -0.0143114  0.0025825  -5.542
logTotalNumCites            0.2513799  0.0095427  26.343

Correlation of Fixed Effects:
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.040
issueIdAlgn  0.012  0.002
pastExperts -0.067 -0.089  0.000
lgAttrnyBrE  0.024 -0.007  0.005 -0.028
clrkdFrThsJ  0.011  0.000 -0.034 -0.041 -0.080
partyStatus -0.212  0.008 -0.049  0.031 -0.393  0.018
logTtlNmCts -0.568 -0.008 -0.002 -0.057 -0.059 -0.018  0.017
> display(model1separatePetIssueMedian)
lmer(formula = notMajOpinCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issuePet)
                           coef.est coef.se
(Intercept)                -0.71     0.06
issueMedian                 0.11     0.03
issueIdeoAlign              0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.10     0.07
partyStatus                -0.01     0.00
logTotalNumCites            0.25     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.06
 justice   (Intercept) 0.18
 issueArea (Intercept) 0.10
 Residual              0.96
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = 59026.6, DIC = 58872.9
deviance = 58937.8
>
> ### TABLE A1 PULL ###
> #stargazer(model1passivePetIssueMedian, model1majPetIssueMedian, model1separatePetIssueMedian, align
= TRUE, omit.stat=c("LL", "ser", "f"))
```

```
>
> ###################################
> ### STEP 6B: RESP ISSUE MEDIANS ###
> ###################################
>
> ### TABLE A2, COLUMN 1 ###
> model1passiveRespIssueMedian <- lmer(unnamedCiteCount ~ issueMedian
+                       + issueIdeoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1issueResp)
> summary(model1passiveRespIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issueResp

REML criterion at convergence: 133404.2

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.7244 -0.4389 -0.1707  0.1416 21.8660

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.9949  0.9975
 justice   (Intercept)  6.3307  2.5161
 issueArea (Intercept)  0.1903  0.4362
 Residual              29.8157  5.4604
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -5.851713   0.639061  -9.157
issueMedian                 0.231771   0.149229   1.553
issueIdeoAlign              0.033322   0.017802   1.872
pastExpertise               0.011470   0.001273   9.009
logAttorneyBriefExperience -0.007433   0.028169  -0.264
clerkedForThisJustice       0.673544   0.423992   1.589
partyStatus                 0.031344   0.014867   2.108
logTotalNumCites            1.973040   0.054211  36.396

Correlation of Fixed Effects:
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.030
issueIdAlgn  0.005 -0.002
pastExperts -0.062 -0.037  0.002
lgAttrnyBrE  0.011 -0.004 -0.003 -0.021
clrkdFrThsJ  0.006  0.004 -0.029 -0.016 -0.065
partyStatus -0.115  0.000 -0.043  0.025 -0.470 -0.014
logTtlNmCts -0.340 -0.001  0.006 -0.028 -0.010 -0.008  0.013
```

```
> display(model1passiveRespIssueMedian)
lmer(formula = unnamedCiteCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issueResp)
                            coef.est coef.se
(Intercept)                 -5.85     0.64
issueMedian                  0.23     0.15
issueIdeoAlign               0.03     0.02
pastExpertise                0.01     0.00
logAttorneyBriefExperience -0.01     0.03
clerkedForThisJustice        0.67     0.42
partyStatus                  0.03     0.01
logTotalNumCites             1.97     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 1.00
 justice   (Intercept) 2.52
 issueArea (Intercept) 0.44
 Residual              5.46
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = 133428, DIC = 133334.4
deviance = 133369.3
>
> ### TABLE A2, COLUMN 2 ###
> model1majRespIssueMedian <- lmer(majCallOutCount ~ issueMedian
+                         + issueIdeoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1issueResp)
> summary(model1majRespIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issueResp

REML criterion at convergence: 897.8

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.734 -0.179 -0.098 -0.024 32.302

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 3.402e-05 0.005833
 justice   (Intercept) 5.155e-04 0.022705
 issueArea (Intercept) 2.986e-06 0.001728
 Residual              6.068e-02 0.246332
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12
```

```
Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -9.072e-02  1.141e-02  -7.953
issueMedian                 2.056e-02  6.488e-03   3.169
issueIdeoAlign              6.737e-05  8.024e-04   0.084
pastExpertise               1.330e-04  3.607e-05   3.687
logAttorneyBriefExperience -1.439e-03  1.236e-03  -1.164
clerkedForThisJustice       5.827e-02  1.903e-02   3.062
partyStatus                 5.001e-04  6.561e-04   0.762
logTotalNumCites            2.684e-02  2.344e-03  11.447

Correlation of Fixed Effects:
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.043
issueIdAlgn  0.011 -0.001
pastExperts -0.044 -0.099  0.000
lgAttrnyBrE  0.044 -0.017 -0.002 -0.057
clrkdFrThsJ  0.017 -0.003 -0.029 -0.035 -0.074
partyStatus -0.277  0.009 -0.046 -0.034 -0.476 -0.008
logTtlNmCts -0.805 -0.011  0.007 -0.114 -0.010 -0.011  0.008
> display(model1majRespIssueMedian)
lmer(formula = majCallOutCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issueResp)
                           coef.est coef.se
(Intercept)                -0.09     0.01
issueMedian                 0.02     0.01
issueIdeoAlign              0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.06     0.02
partyStatus                 0.00     0.00
logTotalNumCites            0.03     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.00
 Residual              0.25
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = 921.8, DIC = 720
deviance = 808.9
>
> ### TABLE A2, COLUMN 3 ###
> model1separateRespIssueMedian <- lmer(notMajOpinCount ~ issueMedian
+                       + issueIdeoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
```

```
+                       data = model1issueResp)
> summary(model1separateRespIssueMedian)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ issueMedian + issueIdeoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |      term)
   Data: model1issueResp

REML criterion at convergence: 55554.9

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.1442 -0.3977 -0.2005  0.0212 23.2445

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.002139 0.04624
 justice   (Intercept) 0.022658 0.15053
 issueArea (Intercept) 0.004039 0.06355
 Residual              0.782308 0.88448
Number of obs: 21362, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -0.7576711  0.0548069 -13.824
issueMedian                 0.1361104  0.0238355   5.710
issueIdeoAlign             -0.0003084  0.0028828  -0.107
pastExpertise               0.0011964  0.0001742   6.869
logAttorneyBriefExperience  0.0023049  0.0045123   0.511
clerkedForThisJustice       0.2324289  0.0685253   3.392
partyStatus                -0.0004012  0.0023988  -0.167
logTotalNumCites            0.2310002  0.0086946  26.568

Correlation of Fixed Effects:
            (Intr) issMdn issIdA pstExp lgAtBE clrFTJ prtySt
issueMedian -0.038
issueIdAlgn  0.009 -0.002
pastExperts -0.052 -0.099  0.001
lgAttrnyBrE  0.034 -0.011 -0.003 -0.062
clrkdFrThsJ  0.014  0.001 -0.029 -0.035 -0.069
partyStatus -0.217  0.001 -0.044  0.031 -0.473 -0.013
logTtlNmCts -0.627 -0.010  0.006 -0.080 -0.019 -0.011  0.014
> display(model1separateRespIssueMedian)
lmer(formula = notMajOpinCount ~ issueMedian + issueIdeoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1issueResp)
                           coef.est coef.se
(Intercept)                -0.76     0.05
issueMedian                 0.14     0.02
issueIdeoAlign              0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.23     0.07
partyStatus                 0.00     0.00
logTotalNumCites            0.23     0.01

Error terms:
```

```
 Groups    Name        Std.Dev.
 term      (Intercept) 0.05
 justice   (Intercept) 0.15
 issueArea (Intercept) 0.06
 Residual              0.88
---
number of obs: 21362, groups: term, 35; justice, 21; issueArea, 12
AIC = 55578.9, DIC = 55422.5
deviance = 55488.7
>
> ### TABLE A2 PULL ###
> #stargazer(model1passiveRespIssueMedian, model1majRespIssueMedian, model1separateRespIssueMedian,
align = TRUE, omit.stat=c("LL", "ser", "f"))
>
> ########################################
> ### STEP 7: CONTROLING FOR CITATIONS ###
> ########################################
>
> # Tables A3 and A4 in the Supplemental Appendix
>
> ################################
> ### STEP 7A: PET OTHER CITE ###
> ################################
>
> model1dataPet$totalOtherCitesUnnamed <- model1dataPet$totalNumCites - model1dataPet$unnamedCiteCount
> model1dataPet$logTotalOtherCitesUnnamed <- log(model1dataPet$totalOtherCitesUnnamed + 1)
>
> ### TABLE A3, COLUMN 1 ###
> model1activePetAltCites <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalOtherCitesUnnamed
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1activePetAltCites)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalOtherCitesUnnamed +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 134075.5

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.460 -0.407 -0.176  0.076 36.552

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  1.0397  1.0196
 justice   (Intercept)  4.4945  2.1200
 issueArea (Intercept)  0.2575  0.5075
 Residual              29.6167  5.4421
```

```
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -1.578872   0.568560  -2.777
median                      0.868549   0.161690   5.372
ideoAlign                   0.077129   0.017551   4.395
pastExpertise               0.010529   0.001263   8.339
logAttorneyBriefExperience  0.015627   0.026124   0.598
clerkedForThisJustice       1.248849   0.372715   3.351
partyStatus                -0.016744   0.014698  -1.139
logTotalOtherCitesUnnamed   0.929766   0.053479  17.386

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.040
ideoAlign    0.003  0.004
pastExperts -0.072  0.029 -0.004
lgAttrnyBrE  0.010 -0.005  0.009 -0.002
clrkdFrThsJ  0.004  0.016 -0.024 -0.019 -0.079
partyStatus -0.130  0.005 -0.045  0.003 -0.395  0.017
lgTtlOthrCU -0.361  0.001  0.009 -0.016 -0.050 -0.013  0.007
> display(model1activePetAltCites)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalOtherCitesUnnamed + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -1.58     0.57
median                      0.87     0.16
ideoAlign                   0.08     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience  0.02     0.03
clerkedForThisJustice       1.25     0.37
partyStatus                -0.02     0.01
logTotalOtherCitesUnnamed   0.93     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 1.02
 justice   (Intercept) 2.12
 issueArea (Intercept) 0.51
 Residual              5.44
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 134100, DIC = 134004.6
deviance = 134040.1
>
> model1dataPet$totalOtherCitesMajCallOut <- model1dataPet$totalNumCites -
model1dataPet$majCallOutCount
> model1dataPet$logTotalOtherCitesMajCallOut <- log(model1dataPet$totalOtherCitesMajCallOut + 1)
>
> ### TABLE A3, COLUMN 2 ###
> model1majPetAltCite <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + partyStatus
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
```

```
+                       + logTotalOtherCitesMajCallOut
+                       + pastExpertise
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1majPetAltCite)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + partyStatus + logAttorneyBriefExperience +
    clerkedForThisJustice + logTotalOtherCitesMajCallOut + pastExpertise +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: -6571.9

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.6564 -0.1923 -0.1042 -0.0247 28.7959

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 6.196e-05 0.007872
 justice   (Intercept) 1.488e-04 0.012200
 issueArea (Intercept) 4.057e-05 0.006369
 Residual              4.284e-02 0.206977
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                 -6.421e-02  9.420e-03  -6.817
median                       2.966e-02  5.497e-03   5.396
ideoAlign                   -9.442e-04  6.668e-04  -1.416
partyStatus                 -1.309e-03  5.508e-04  -2.376
logAttorneyBriefExperience  -1.777e-03  9.773e-04  -1.818
clerkedForThisJustice        3.945e-02  1.413e-02   2.792
logTotalOtherCitesMajCallOut 2.277e-02  2.004e-03  11.359
pastExpertise                1.260e-04  3.344e-05   3.769

Correlation of Fixed Effects:
            (Intr) median idAlgn prtySt lgAtBE clrFTJ lTOCMC
median      -0.048
ideoAlign    0.013  0.002
partyStatus -0.312  0.011 -0.045
lgAttrnyBrE  0.035 -0.012  0.009 -0.393
clrkdFrThsJ  0.017  0.005 -0.024  0.020 -0.085
lgTtlOtCMCO -0.824 -0.010  0.001  0.020 -0.054 -0.020
pastExperts -0.100 -0.091  0.001  0.027  0.001 -0.058 -0.057
> display(model1majPetAltCite)
lmer(formula = majCallOutCount ~ median + ideoAlign + partyStatus +
    logAttorneyBriefExperience + clerkedForThisJustice + logTotalOtherCitesMajCallOut +
    pastExpertise + (1 | issueArea) + (1 | justice) + (1 | term),
    data = model1dataPet)
                            coef.est coef.se
(Intercept)                 -0.06     0.01
median                       0.03     0.01
ideoAlign                    0.00     0.00
partyStatus                  0.00     0.00
logAttorneyBriefExperience   0.00     0.00
```

```
clerkedForThisJustice         0.04     0.01
logTotalOtherCitesMajCallOut  0.02     0.00
pastExpertise                 0.00     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.01
 issueArea (Intercept) 0.01
 Residual              0.21
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = -6547.9, DIC = -6755.9
deviance = -6663.9
>
> model1dataPet$totalOtherCitesNotMaj <- model1dataPet$totalNumCites - model1dataPet$notMajOpinCount
> model1dataPet$logTotalOtherCitesNotMaj <- log(model1dataPet$totalOtherCitesNotMaj + 1)
>
> ### TABLE A3, COLUMN 3 ###
> model1separatePetAltCite <- lmer(notMajOpinCount ~median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalOtherCitesNotMaj
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1separatePetAltCite)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalOtherCitesNotMaj +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 59336.2

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.236 -0.372 -0.184  0.024 41.642

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.003101 0.05569
 justice   (Intercept) 0.018445 0.13581
 issueArea (Intercept) 0.009965 0.09982
 Residual              0.918001 0.95812
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -0.627873   0.059853 -10.490
median                      0.199269   0.027369   7.281
ideoAlign                  -0.005287   0.003089  -1.712
pastExpertise               0.001330   0.000189   7.037
logAttorneyBriefExperience -0.003636   0.004573  -0.795
```

```
clerkedForThisJustice       0.101899   0.065519   1.555
partyStatus                -0.014250   0.002570  -5.544
logTotalOtherCitesNotMaj    0.226977   0.009503  23.884

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.043
ideoAlign    0.009  0.004
pastExperts -0.067 -0.072 -0.002
lgAttrnyBrE  0.025 -0.013  0.009 -0.028
clrkdFrThsJ  0.012  0.010 -0.024 -0.045 -0.082
partyStatus -0.227  0.015 -0.045  0.032 -0.393  0.019
lgTtlOthCNM -0.610 -0.014  0.003 -0.059 -0.058 -0.019  0.015
> display(model1separatePetAltCite)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalOtherCitesNotMaj + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -0.63     0.06
median                      0.20     0.03
ideoAlign                  -0.01     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.10     0.07
partyStatus                -0.01     0.00
logTotalOtherCitesNotMaj    0.23     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.06
 justice   (Intercept) 0.14
 issueArea (Intercept) 0.10
 Residual              0.96
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 59360.2, DIC = 59206
deviance = 59271.1
>
> ### TABLE A3 PULL ###
> #stargazer(model1activePetAltCites, model1majPetAltCite, model1separatePetAltCite, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
> ################################
> ### STEP 7B: RESP OTHER CITE ###
> ################################
>
> ### TABLE A4, COLUMN 1 ###
> model1dataResp$totalOtherCitesUnnamed <- model1dataResp$totalNumCites -
model1dataResp$unnamedCiteCount
> model1dataResp$logTotalOtherCitesUnnamed <- log(model1dataResp$totalOtherCitesUnnamed + 1)
>
> model1activeRespAltCites <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
```

```
+                       + logTotalOtherCitesUnnamed
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1activeRespAltCites)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalOtherCitesUnnamed +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 135024.1

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.5601 -0.4175 -0.1711  0.0942 21.8940

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  1.2261  1.1073
 justice   (Intercept)  5.4213  2.3284
 issueArea (Intercept)  0.3098  0.5566
 Residual              30.9425  5.5626
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -2.363268   0.617952  -3.824
median                      0.769303   0.165476   4.649
ideoAlign                   0.027362   0.017941   1.525
pastExpertise               0.012653   0.001303   9.713
logAttorneyBriefExperience -0.005074   0.028627  -0.177
clerkedForThisJustice       0.764049   0.430580   1.774
partyStatus                 0.029215   0.015106   1.934
logTotalOtherCitesUnnamed   1.090811   0.054381  20.059

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.037
ideoAlign    0.003 -0.005
pastExperts -0.068  0.033  0.003
lgAttrnyBrE  0.011 -0.006  0.003 -0.019
clrkdFrThsJ  0.005  0.014 -0.026 -0.015 -0.064
partyStatus -0.122  0.002 -0.042  0.026 -0.472 -0.013
lgTtlOthrCU -0.349  0.000  0.008 -0.020 -0.011 -0.007  0.017
> display(model1activeRespAltCites)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalOtherCitesUnnamed + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -2.36     0.62
median                      0.77     0.17
ideoAlign                   0.03     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience -0.01     0.03
clerkedForThisJustice       0.76     0.43
```

```
partyStatus                 0.03     0.02
logTotalOtherCitesUnnamed   1.09     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 1.11
 justice   (Intercept) 2.33
 issueArea (Intercept) 0.56
 Residual              5.56
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 135048, DIC = 134954.8
deviance = 134989.5
>
> model1dataResp$totalOtherCitesMajCallOut <- model1dataResp$totalNumCites -
model1dataResp$majCallOutCount
> model1dataResp$logTotalOtherCitesMajCallOut <- log(model1dataResp$totalOtherCitesMajCallOut + 1)
>
> ### TABLE A4, COLUMN 2 ###
> model1majRespAltCite <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalOtherCitesMajCallOut
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1majRespAltCite)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalOtherCitesMajCallOut +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 773.1

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.764 -0.175 -0.095 -0.025 32.295

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 4.023e-05 0.006342
 justice   (Intercept) 3.003e-04 0.017331
 issueArea (Intercept) 4.316e-06 0.002077
 Residual              6.033e-02 0.245627
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -0.0846747  0.0108771  -7.785
median                      0.0353239  0.0066325   5.326
ideoAlign                   0.0003737  0.0007915   0.472
pastExpertise               0.0001443  0.0000355   4.066
logAttorneyBriefExperience -0.0016407  0.0012271  -1.337
```

```
clerkedForThisJustice         0.0589768  0.0189140   3.118
partyStatus                   0.0005210  0.0006531   0.798
logTotalOtherCitesMajCallOut  0.0247358  0.0023244  10.642

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.044
ideoAlign    0.008 -0.004
pastExperts -0.056 -0.085  0.002
lgAttrnyBrE  0.047 -0.020  0.004 -0.045
clrkdFrThsJ  0.017  0.004 -0.026 -0.038 -0.073
partyStatus -0.290  0.007 -0.044 -0.031 -0.478 -0.008
lgTtlOtCMCO -0.838 -0.015  0.009 -0.103 -0.013 -0.011  0.009
> display(model1majRespAltCite)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalOtherCitesMajCallOut + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp)
                            coef.est coef.se
(Intercept)                 -0.08     0.01
median                       0.04     0.01
ideoAlign                    0.00     0.00
pastExpertise                0.00     0.00
logAttorneyBriefExperience   0.00     0.00
clerkedForThisJustice        0.06     0.02
partyStatus                  0.00     0.00
logTotalOtherCitesMajCallOut 0.02     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.00
 Residual              0.25
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 797.1, DIC = 594.2
deviance = 683.6
>
> model1dataResp$totalOtherCitesNotMaj <- model1dataResp$totalNumCites -
model1dataResp$notMajOpinCount
> model1dataResp$logTotalOtherCitesNotMaj <- log(model1dataResp$totalOtherCitesNotMaj + 1)
>
> ### TABLE A4, COLUMN 3 ###
> model1separateRespAltCite <- lmer(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalOtherCitesNotMaj
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1separateRespAltCite)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
```

```
    clerkedForThisJustice + partyStatus + logTotalOtherCitesNotMaj +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 55884.1

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.1668 -0.3892 -0.1977  0.0089 23.3204

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.001668 0.04084
 justice   (Intercept) 0.013510 0.11623
 issueArea (Intercept) 0.004662 0.06828
 Residual              0.782384 0.88452
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -6.796e-01  5.077e-02 -13.387
median                      2.173e-01  2.512e-02   8.649
ideoAlign                  -7.952e-05  2.852e-03  -0.028
pastExpertise               1.327e-03  1.688e-04   7.858
logAttorneyBriefExperience  1.888e-03  4.490e-03   0.421
clerkedForThisJustice       2.390e-01  6.828e-02   3.500
partyStatus                -3.564e-04  2.390e-03  -0.149
logTotalOtherCitesNotMaj    2.091e-01  8.653e-03  24.160

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.038
ideoAlign    0.007 -0.005
pastExperts -0.053 -0.084  0.002
lgAttrnyBrE  0.039 -0.019  0.003 -0.060
clrkdFrThsJ  0.015  0.008 -0.026 -0.039 -0.069
partyStatus -0.234  0.001 -0.042  0.031 -0.475 -0.012
lgTtlOthCNM -0.672 -0.017  0.008 -0.078 -0.021 -0.010  0.016
> display(model1separateRespAltCite)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalOtherCitesNotMaj + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -0.68     0.05
median                      0.22     0.03
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.24     0.07
partyStatus                 0.00     0.00
logTotalOtherCitesNotMaj    0.21     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.04
 justice   (Intercept) 0.12
 issueArea (Intercept) 0.07
```

```
 Residual              0.88
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 55908.1, DIC = 55751
deviance = 55817.6
>
> ### TABLE A4 PULL ###
> stargazer(model1activeRespAltCites, model1majRespAltCite, model1separateRespAltCite, align = TRUE,
omit.stat=c("LL", "ser", "f"))

% Table created by stargazer v.5.2.3 by Marek Hlavac, Social Policy Institute. E-mail: marek.hlavac at
gmail.com
% Date and time: Fri, Jun 13, 2025 - 20:48:27
% Requires LaTeX packages: dcolumn
\begin{table}[!htbp] \centering
  \caption{}
  \label{}
\begin{tabular}{@{\extracolsep{5pt}}lD{.}{.}{-3} D{.}{.}{-3} D{.}{.}{-3} }
\\[-1.8ex]\hline
\hline \\[-1.8ex]
 & \multicolumn{3}{c}{\textit{Dependent variable:}} \\
\cline{2-4}
\\[-1.8ex] & \multicolumn{1}{c}{unnamedCiteCount} & \multicolumn{1}{c}{majCallOutCount} &
\multicolumn{1}{c}{notMajOpinCount} \\
\\[-1.8ex] & \multicolumn{1}{c}{(1)} & \multicolumn{1}{c}{(2)} & \multicolumn{1}{c}{(3)}\\
\hline \\[-1.8ex]
 median & 0.769^{***} & 0.035^{***} & 0.217^{***} \\
  & (0.165) & (0.007) & (0.025) \\
  & & & \\
 ideoAlign & 0.027 & 0.0004 & -0.0001 \\
  & (0.018) & (0.001) & (0.003) \\
  & & & \\
 pastExpertise & 0.013^{***} & 0.0001^{***} & 0.001^{***} \\
  & (0.001) & (0.00004) & (0.0002) \\
  & & & \\
 logAttorneyBriefExperience & -0.005 & -0.002 & 0.002 \\
  & (0.029) & (0.001) & (0.004) \\
  & & & \\
 clerkedForThisJustice & 0.764^{*} & 0.059^{***} & 0.239^{***} \\
  & (0.431) & (0.019) & (0.068) \\
  & & & \\
 partyStatus & 0.029^{*} & 0.001 & -0.0004 \\
  & (0.015) & (0.001) & (0.002) \\
  & & & \\
 logTotalOtherCitesUnnamed & 1.091^{***} &  &  \\
  & (0.054) &  &  \\
  & & & \\
 logTotalOtherCitesMajCallOut &  & 0.025^{***} &  \\
  &  & (0.002) &  \\
  & & & \\
 logTotalOtherCitesNotMaj &  &  & 0.209^{***} \\
  &  &  & (0.009) \\
  & & & \\
 Constant & -2.363^{***} & -0.085^{***} & -0.680^{***} \\
  & (0.618) & (0.011) & (0.051) \\
  & & & \\
\hline \\[-1.8ex]
Observations & \multicolumn{1}{c}{21,493} & \multicolumn{1}{c}{21,493} & \multicolumn{1}{c}{21,493} \\
```

```
Akaike Inf. Crit. & \multicolumn{1}{c}{135,048.100} & \multicolumn{1}{c}{797.052} & \multicolumn{1}{c}
{55,908.110} \\
Bayesian Inf. Crit. & \multicolumn{1}{c}{135,143.800} & \multicolumn{1}{c}{892.758} & \multicolumn{1}
{c}{56,003.810} \\
\hline
\hline \\[-1.8ex]
\textit{Note:}  & \multicolumn{3}{r}{$^{*}$p$<$0.1; $^{**}$p$<$0.05; $^{***}$p$<$0.01} \\
\end{tabular}
\end{table}
> 
> ###################################
> ### STEP 8: OSG and CSI Models ###
> ###################################
> 
> # Tables A5 and A6 in the Supplemental Appendix
> 
> ################################
> ### STEP 8A: PET OSG AND CSI ###
> ################################
> 
> table(is.na(model1data$CSI))

FALSE
42986
> 
> ### TABLE A5, COLUMN 1 ###
> model1activePetKitchen <- lmer(unnamedCiteCount ~ median
+                         + ideoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + partySG
+                         + CSI
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1dataPet)
> summary(model1activePetKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 133237

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.786 -0.430 -0.176  0.132 36.776

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.6719  0.8197
 justice   (Intercept)  4.2550  2.0628
 issueArea (Intercept)  0.1535  0.3918
 Residual              28.4967  5.3382
```

```
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -5.1213120  0.5401872  -9.481
median                      0.8692501  0.1582835   5.492
ideoAlign                   0.0767968  0.0172153   4.461
pastExpertise               0.0103167  0.0012070   8.548
logAttorneyBriefExperience -0.0023070  0.0265325  -0.087
clerkedForThisJustice       1.1560298  0.3655628   3.162
partyStatus                -0.0160336  0.0155072  -1.034
logTotalNumCites            1.8444534  0.0538359  34.261
partySG                     0.0006616  0.1052811   0.006
CSI                        -0.0312190  0.0177593  -1.758

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.038
ideoAlign    0.005  0.004
pastExperts -0.069  0.019 -0.004
lgAttrnyBrE  0.008 -0.007  0.009 -0.009
clrkdFrThsJ  0.005  0.016 -0.024 -0.021 -0.078
partyStatus -0.129  0.005 -0.042 -0.002 -0.257  0.014
logTtlNmCts -0.373 -0.007  0.005 -0.028 -0.054 -0.016 -0.009
partySG      0.012  0.004  0.000  0.028 -0.263  0.005 -0.370  0.043
CSI         -0.014  0.004 -0.007 -0.002 -0.022  0.003  0.003 -0.161 -0.019
> display(model1activePetKitchen)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -5.12     0.54
median                      0.87     0.16
ideoAlign                   0.08     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience  0.00     0.03
clerkedForThisJustice       1.16     0.37
partyStatus                -0.02     0.02
logTotalNumCites            1.84     0.05
partySG                     0.00     0.11
CSI                        -0.03     0.02

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.82
 justice   (Intercept) 2.06
 issueArea (Intercept) 0.39
 Residual              5.34
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 133265, DIC = 133147.4
deviance = 133192.2
>
> ### TABLE A5, COLUMN 2 ###
> model1majPetKitchen <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
```

```
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + partySG
+                       + CSI
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1majPetKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: -6580.1

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.6560 -0.1962 -0.1048 -0.0201 28.8114

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 5.655e-05 0.007520
 justice   (Intercept) 1.484e-04 0.012181
 issueArea (Intercept) 2.063e-05 0.004543
 Residual              4.279e-02 0.206863
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -7.078e-02  9.260e-03  -7.644
median                      2.993e-02  5.491e-03   5.450
ideoAlign                  -9.672e-04  6.665e-04  -1.451
pastExpertise               1.171e-04  3.228e-05   3.626
logAttorneyBriefExperience -1.667e-03  1.007e-03  -1.656
clerkedForThisJustice       3.956e-02  1.412e-02   2.801
partyStatus                -1.174e-03  5.940e-04  -1.976
logTotalNumCites            2.268e-02  2.024e-03  11.208
partySG                    -2.496e-03  3.966e-03  -0.629
CSI                         2.673e-03  6.602e-04   4.048

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.048
ideoAlign    0.014  0.002
pastExperts -0.108 -0.088  0.001
lgAttrnyBrE  0.027 -0.014  0.008  0.003
clrkdFrThsJ  0.018  0.005 -0.024 -0.057 -0.085
partyStatus -0.302  0.009 -0.043  0.020 -0.258  0.014
logTtlNmCts -0.815 -0.012  0.003 -0.058 -0.062 -0.020 -0.001
partySG      0.027  0.004  0.002  0.027 -0.250  0.010 -0.378  0.055
CSI         -0.018  0.012 -0.009 -0.004 -0.004  0.007 -0.012 -0.170 -0.019
> display(model1majPetKitchen)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
```

```
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataPet)
                          coef.est coef.se
(Intercept)               -0.07     0.01
median                     0.03     0.01
ideoAlign                  0.00     0.00
pastExpertise              0.00     0.00
logAttorneyBriefExperience 0.00     0.00
clerkedForThisJustice      0.04     0.01
partyStatus                0.00     0.00
logTotalNumCites           0.02     0.00
partySG                    0.00     0.00
CSI                        0.00     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.01
 issueArea (Intercept) 0.00
 Residual              0.21
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = -6552.1, DIC = -6808.6
deviance = -6694.3
>
> ### TABLE A5, COLUMN 3 ###
> model1separatePetKitchen <- lmer(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + partySG
+                       + CSI
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
> summary(model1separatePetKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

REML criterion at convergence: 59139

Scaled residuals:
   Min     1Q Median     3Q    Max
-1.328 -0.381 -0.182  0.044 41.696

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.004164 0.06453
 justice   (Intercept) 0.020188 0.14208
 issueArea (Intercept) 0.005682 0.07538
 Residual              0.908866 0.95334
```

```
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -7.369e-01  5.758e-02 -12.798
median                      1.974e-01  2.734e-02   7.219
ideoAlign                  -5.437e-03  3.074e-03  -1.769
pastExpertise               1.228e-03  1.897e-04   6.471
logAttorneyBriefExperience -5.351e-05  4.709e-03  -0.011
clerkedForThisJustice       9.840e-02  6.521e-02   1.509
partyStatus                -9.740e-03  2.760e-03  -3.530
logTotalNumCites            2.348e-01  9.563e-03  24.550
partySG                    -7.923e-02  1.858e-02  -4.264
CSI                         2.805e-02  3.159e-03   8.879

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.047
ideoAlign    0.009  0.004
pastExperts -0.078 -0.061 -0.003
lgAttrnyBrE  0.019 -0.013  0.009 -0.030
clrkdFrThsJ  0.012  0.010 -0.024 -0.042 -0.081
partyStatus -0.224  0.011 -0.042  0.014 -0.257  0.015
logTtlNmCts -0.618 -0.015  0.004 -0.056 -0.061 -0.019 -0.003
partySG      0.021  0.005  0.001  0.034 -0.256  0.008 -0.373  0.045
CSI         -0.032  0.011 -0.007  0.019 -0.018  0.005  0.001 -0.155 -0.018
> display(model1separatePetKitchen)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataPet)
                           coef.est coef.se
(Intercept)                -0.74     0.06
median                      0.20     0.03
ideoAlign                  -0.01     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.10     0.07
partyStatus                -0.01     0.00
logTotalNumCites            0.23     0.01
partySG                    -0.08     0.02
CSI                         0.03     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.06
 justice   (Intercept) 0.14
 issueArea (Intercept) 0.08
 Residual              0.95
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 59167, DIC = 58976.8
deviance = 59057.9
>
> ### TABLE A5 PULL ###
> #stargazer(model1activePetKitchen, model1majPetKitchen, model1separatePetKitchen, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
```

```
> ################################
> ### STEP 8B: RESP OSG AND CSI ###
> ################################
>
> ### TABLE A6, COLUMN 1 ###
> model1activeRespKitchen <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + partySG
+                       + CSI
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1activeRespKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 134144

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.7210 -0.4399 -0.1694  0.1447 21.9215

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.7805  0.8835
 justice   (Intercept)  5.0805  2.2540
 issueArea (Intercept)  0.2227  0.4719
 Residual              29.7139  5.4510
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -5.951883   0.586876 -10.142
median                      0.775724   0.161832   4.793
ideoAlign                   0.028468   0.017582   1.619
pastExpertise               0.012514   0.001252   9.997
logAttorneyBriefExperience  0.001072   0.030356   0.035
clerkedForThisJustice       0.726493   0.421923   1.722
partyStatus                 0.035832   0.015619   2.294
logTotalNumCites            1.967721   0.054743  35.944
partySG                    -0.090676   0.115733  -0.783
CSI                        -0.005063   0.018210  -0.278

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.035
ideoAlign    0.004 -0.005
pastExperts -0.065  0.023  0.004
lgAttrnyBrE  0.012 -0.008 -0.001 -0.029
```

```
clrkdFrThsJ  0.006  0.013 -0.026 -0.017 -0.054
partyStatus -0.118  0.001 -0.043  0.018 -0.292 -0.008
logTtlNmCts -0.359 -0.007  0.007 -0.030 -0.046 -0.010 -0.008
partySG     -0.001  0.002  0.012  0.018 -0.382 -0.014 -0.320  0.078
CSI         -0.015  0.004  0.007 -0.001  0.019  0.003 -0.037 -0.156  0.053
> display(model1activeRespKitchen)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -5.95     0.59
median                      0.78     0.16
ideoAlign                   0.03     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience  0.00     0.03
clerkedForThisJustice       0.73     0.42
partyStatus                 0.04     0.02
logTotalNumCites            1.97     0.05
partySG                    -0.09     0.12
CSI                        -0.01     0.02

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.88
 justice   (Intercept) 2.25
 issueArea (Intercept) 0.47
 Residual              5.45
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 134172, DIC = 134056.5
deviance = 134100.3
>
> ### TABLE A6, COLUMN 2 ###
> model1majRespKitchen <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + partySG
+                       + CSI
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1majRespKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 764.5

Scaled residuals:
   Min     1Q Median     3Q    Max
```

```
-0.755 -0.181 -0.096 -0.020 32.273

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 4.942e-05 0.007030
 justice   (Intercept) 2.709e-04 0.016460
 issueArea (Intercept) 4.173e-06 0.002043
 Residual              6.025e-02 0.245465
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -9.088e-02  1.083e-02  -8.391
median                      3.621e-02  6.598e-03   5.489
ideoAlign                   4.013e-04  7.910e-04   0.507
pastExpertise               1.425e-04  3.534e-05   4.031
logAttorneyBriefExperience -1.098e-03  1.322e-03  -0.830
clerkedForThisJustice       5.978e-02  1.891e-02   3.162
partyStatus                 5.895e-04  6.921e-04   0.852
logTotalNumCites            2.434e-02  2.370e-03  10.269
partySG                    -2.635e-03  5.091e-03  -0.518
CSI                         3.035e-03  7.688e-04   3.948

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.045
ideoAlign    0.008 -0.003
pastExperts -0.060 -0.084  0.002
lgAttrnyBrE  0.039 -0.019  0.001 -0.031
clrkdFrThsJ  0.017  0.004 -0.026 -0.038 -0.062
partyStatus -0.278  0.004 -0.044 -0.023 -0.299 -0.004
logTtlNmCts -0.823 -0.016  0.008 -0.095 -0.051 -0.013 -0.013
partySG      0.011  0.006  0.009 -0.021 -0.367 -0.012 -0.331  0.077
CSI         -0.007  0.017  0.009 -0.018  0.044  0.009 -0.036 -0.179  0.043
> display(model1majRespKitchen)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -0.09     0.01
median                      0.04     0.01
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.06     0.02
partyStatus                 0.00     0.00
logTotalNumCites            0.02     0.00
partySG                     0.00     0.01
CSI                         0.00     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.00
 Residual              0.25
---
```

```
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 792.5, DIC = 543
deviance = 653.8
>
> ### TABLE A6, COLUMN 3 ###
> model1separateRespKitchen <- lmer(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + partySG
+                       + CSI
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
> summary(model1separateRespKitchen)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    partySG + CSI + (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

REML criterion at convergence: 55705.1

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.2429 -0.3999 -0.1963  0.0350 23.4050

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.002242 0.04735
 justice   (Intercept) 0.014720 0.12132
 issueArea (Intercept) 0.001684 0.04103
 Residual              0.775392 0.88056
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -7.716e-01  4.870e-02 -15.844
median                      2.168e-01  2.510e-02   8.636
ideoAlign                  -1.006e-05  2.839e-03  -0.004
pastExpertise               1.208e-03  1.655e-04   7.296
logAttorneyBriefExperience  9.889e-03  4.829e-03   2.048
clerkedForThisJustice       2.429e-01  6.800e-02   3.572
partyStatus                 1.978e-03  2.513e-03   0.787
logTotalNumCites            2.144e-01  8.720e-03  24.582
partySG                    -6.508e-02  1.851e-02  -3.516
CSI                         2.449e-02  2.889e-03   8.479

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt lgTtNC prtySG
median      -0.042
ideoAlign    0.007 -0.005
pastExperts -0.066 -0.073  0.003
lgAttrnyBrE  0.033 -0.018  0.000 -0.056
```

```
clrkdFrThsJ  0.014  0.008 -0.026 -0.036 -0.059
partyStatus -0.228  0.000 -0.043  0.016 -0.296 -0.007
logTtlNmCts -0.680 -0.018  0.007 -0.078 -0.051 -0.012 -0.008
partySG      0.000  0.004  0.010  0.020 -0.375 -0.013 -0.322  0.079
CSI         -0.028  0.013  0.007  0.019  0.027  0.005 -0.039 -0.158  0.051
> display(model1separateRespKitchen)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + partySG + CSI + (1 | issueArea) + (1 |
    justice) + (1 | term), data = model1dataResp)
                           coef.est coef.se
(Intercept)                -0.77     0.05
median                      0.22     0.03
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.01     0.00
clerkedForThisJustice       0.24     0.07
partyStatus                 0.00     0.00
logTotalNumCites            0.21     0.01
partySG                    -0.07     0.02
CSI                         0.02     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.05
 justice   (Intercept) 0.12
 issueArea (Intercept) 0.04
 Residual              0.88
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 55733.1, DIC = 55539.5
deviance = 55622.3
>
> ### TABLE A6 PULL ###
> #stargazer(model1activeRespKitchen, model1majRespKitchen, model1separateRespKitchen, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
> ###################################
> ### STEP 9: VARIABLE BREAKDOWNS ###
> ###################################
>
> ### TABLE A7 ###
> summary(model1data$unnamedCiteCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
  0.000   0.000   0.000   2.504   3.000 204.000
> summary(model1data$majCallOutCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
0.00000 0.00000 0.00000 0.02573 0.00000 8.00000
> summary(model1data$notMajOpinCount)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.0000  0.2505  0.0000 41.0000
> summary(model1data$median)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.0000  0.1114  0.0000  1.0000
> summary(model1data$ideoAlign)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 -4.476  -1.580   0.000   0.000   1.580   4.476
> summary(model1data$pastExpertise)
```

```
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
    0.0    12.0    38.0    57.3    85.0   337.0
> summary(model1data$logAttorneyBriefExperience)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.0000  0.0000  0.6931  1.2701  2.3026  5.3799
> summary(model1data$clerkedForThisJustice)
    Min.  1st Qu.   Median     Mean  3rd Qu.     Max.
0.000000 0.000000 0.000000 0.009212 0.000000 1.000000
> summary(model1data$partyStatus)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
  1.000   3.000   6.000   5.913   9.000  10.000
> summary(model1data$logTotalNumCites)
   Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
 0.6931  3.5553  4.0431  3.9486  4.4659  5.9865
>
> ##########################
> ### STEP 10: OUTLIERS ###
> ##########################
>
> # Tables A8 and A9 in the Supplemental Appendix
>
> # what cases count as outliers?
> # issue needing to be resolved:
> # - data is votes nested in parties nested in issues that we split
> # - don't want to remove individual observations, need to remove the whole case, for both sides
> # - how to determine which cases?
> #     - Cook's D plots suggest there's significant overlap between the influential outliers and
briefs with an outlandish number of citations
> #     - so solution is to take out the cases with an outlandish number of citations, period
>
> histogram(model1data$totalNumCites)
> boxplot(model1data$totalNumCites)
>
> # what counts as outlandish? Boxplot says anything over 170 total citations is an outlier
> # we'll be conservative -- any count over 200 (above 99%)
> quantile(model1data$totalNumCites, 0.99)
99%
200
>
> # comes out to 47 cases
> dim(model1data %>% dplyr::select(caseId, totalNumCites) %>% filter(totalNumCites > 200) %>%
unique())
[1] 47  2
>
> # now identify these cases in the OG dataset and then resplit
> outliers <- model1data %>% dplyr::select(caseId, totalNumCites) %>% filter(totalNumCites > 200) %>%
unique()
> outliers <- outliers %>% dplyr::select(-totalNumCites)
> outliers <- outliers %>% unique()
> outliers$outlier <- 1
>
> # join to model1data
> model1dataOut <- left_join(model1data, outliers, by = "caseId")
> model1dataOut$outlier <- ifelse(is.na(model1dataOut$outlier), 0, model1dataOut$outlier)
>
> # drop out the outliers
> model1dataNoOutliers <- model1dataOut %>% filter(outlier == 0)
>
```

```
> # reseparate the data again
> model1dataPetNoOut <- model1dataNoOutliers %>% filter(pet == 1)
> model1dataRespNoOut <- model1dataNoOutliers %>% filter(pet == 0)
>
> ###################################
> ### STEP 10A: PET OUTLIER MODELS ###
> ###################################
>
> ### TABLE A8, COLUMN 1 ###
> model1passivePetNoOut <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPetNoOut)
> summary(model1passivePetNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPetNoOut

REML criterion at convergence: 127470.3

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.5361 -0.4503 -0.1874  0.1351 21.3348

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.7480  0.8649
 justice   (Intercept)  4.5196  2.1259
 issueArea (Intercept)  0.1301  0.3607
 Residual              24.1575  4.9150
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -4.657726   0.545580  -8.537
median                      0.765978   0.147295   5.200
ideoAlign                   0.072795   0.015985   4.554
pastExpertise               0.008776   0.001138   7.708
logAttorneyBriefExperience  0.004612   0.023904   0.193
clerkedForThisJustice       0.789688   0.341278   2.314
partyStatus                -0.010793   0.013439  -0.803
logTotalNumCites            1.705431   0.050133  34.018

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.036
ideoAlign    0.005  0.005
pastExperts -0.066  0.028 -0.003
lgAttrnyBrE  0.009 -0.006  0.010  0.000
```

```
clrkdFrThsJ  0.004  0.015 -0.023 -0.017 -0.081
partyStatus -0.122  0.006 -0.046  0.006 -0.401  0.017
logTtlNmCts -0.354 -0.005  0.003 -0.026 -0.043 -0.015  0.001
> display(model1passivePetNoOut)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPetNoOut)
                         coef.est coef.se
(Intercept)              -4.66     0.55
median                    0.77     0.15
ideoAlign                 0.07     0.02
pastExpertise             0.01     0.00
logAttorneyBriefExperience  0.00     0.02
clerkedForThisJustice     0.79     0.34
partyStatus              -0.01     0.01
logTotalNumCites          1.71     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.86
 justice   (Intercept) 2.13
 issueArea (Intercept) 0.36
 Residual              4.92
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = 127494, DIC = 127396.8
deviance = 127433.6
>
> ### TABLE A8, COLUMN 2 ###
> model1majPetNoOut <- lmer(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPetNoOut)
> summary(model1majPetNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPetNoOut

REML criterion at convergence: -8312

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.5610 -0.1893 -0.1032 -0.0257 30.0790

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 5.305e-05 0.007284
 justice   (Intercept) 1.411e-04 0.011880
```

```
 issueArea (Intercept) 5.240e-05 0.007239
 Residual              3.924e-02 0.198079
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -5.705e-02  9.255e-03  -6.164
median                      2.838e-02  5.309e-03   5.345
ideoAlign                  -1.082e-03  6.436e-04  -1.681
pastExpertise               1.215e-04  3.292e-05   3.690
logAttorneyBriefExperience -1.504e-03  9.486e-04  -1.585
clerkedForThisJustice       1.558e-02  1.371e-02   1.137
partyStatus                -1.268e-03  5.337e-04  -2.375
logTotalNumCites            2.090e-02  1.971e-03  10.601

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.047
ideoAlign    0.013  0.002
pastExperts -0.096 -0.091  0.001
lgAttrnyBrE  0.034 -0.012  0.009 -0.004
clrkdFrThsJ  0.017  0.004 -0.023 -0.056 -0.086
partyStatus -0.306  0.012 -0.045  0.028 -0.398  0.020
logTtlNmCts -0.820 -0.011  0.001 -0.055 -0.052 -0.020  0.016
> display(model1majPetNoOut)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPetNoOut)
                           coef.est coef.se
(Intercept)                -0.06     0.01
median                      0.03     0.01
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.02     0.01
partyStatus                 0.00     0.00
logTotalNumCites            0.02     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.01
 issueArea (Intercept) 0.01
 Residual              0.20
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = -8288, DIC = -8496.7
deviance = -8404.4
>
> ### TABLE A8, COLUMN 3 ###
> model1separatePetNoOut <- lmer(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
```

```
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPetNoOut)
> summary(model1separatePetNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPetNoOut

REML criterion at convergence: 54152.4

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.1114 -0.3884 -0.1991  0.0180 24.7735

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.002331 0.04828
 justice   (Intercept) 0.018098 0.13453
 issueArea (Intercept) 0.004597 0.06780
 Residual              0.753731 0.86818
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -0.6236452  0.0529736 -11.773
median                      0.1599166  0.0250807   6.376
ideoAlign                  -0.0048284  0.0028228  -1.711
pastExpertise               0.0011936  0.0001722   6.931
logAttorneyBriefExperience -0.0012736  0.0041962  -0.304
clerkedForThisJustice       0.0948542  0.0601851   1.576
partyStatus                -0.0140816  0.0023573  -5.974
logTotalNumCites            0.2222249  0.0087960  25.264

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.043
ideoAlign    0.009  0.004
pastExperts -0.069 -0.071 -0.003
lgAttrnyBrE  0.024 -0.014  0.010 -0.029
clrkdFrThsJ  0.013  0.008 -0.023 -0.043 -0.084
partyStatus -0.232  0.016 -0.046  0.037 -0.399  0.020
logTtlNmCts -0.635 -0.016  0.003 -0.064 -0.051 -0.019  0.010
> display(model1separatePetNoOut)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataPetNoOut)
                           coef.est coef.se
(Intercept)                -0.62     0.05
median                      0.16     0.03
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.09     0.06
partyStatus                -0.01     0.00
```

```
logTotalNumCites            0.22     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.05
 justice   (Intercept) 0.13
 issueArea (Intercept) 0.07
 Residual              0.87
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = 54176.4, DIC = 54019.1
deviance = 54085.8
>
> ### TABLE A8 PULL ###
> #stargazer(model1passivePetNoOut, model1majPetNoOut, model1separatePetNoOut, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
> ####################################
> ### STEP 10B: RESP OUTLIER MODELS ###
> ####################################
>
> ### TABLE A9, COLUMN 1 ###
> model1passiveRespNoOut <- lmer(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataRespNoOut)
> summary(model1passiveRespNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataRespNoOut

REML criterion at convergence: 129988.6

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.6941 -0.4437 -0.1744  0.1436 22.9610

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept)  0.7565  0.8698
 justice   (Intercept)  5.1124  2.2611
 issueArea (Intercept)  0.2002  0.4474
 Residual              27.2185  5.2171
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                           Estimate Std. Error t value
(Intercept)               -5.551105   0.583299  -9.517
median                     0.655287   0.156272   4.193
```

```
ideoAlign                   0.025807   0.016970   1.521
pastExpertise               0.011327   0.001216   9.317
logAttorneyBriefExperience  0.008011   0.027014   0.297
clerkedForThisJustice       0.435129   0.407427   1.068
partyStatus                 0.020315   0.014286   1.422
logTotalNumCites            1.885745   0.052900  35.648

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.034
ideoAlign    0.003 -0.005
pastExperts -0.064  0.026  0.003
lgAttrnyBrE  0.016 -0.008  0.003 -0.022
clrkdFrThsJ  0.005  0.015 -0.027 -0.018 -0.064
partyStatus -0.123  0.002 -0.041  0.025 -0.471 -0.013
logTtlNmCts -0.361 -0.006  0.007 -0.031 -0.023 -0.007  0.020
> display(model1passiveRespNoOut)
lmer(formula = unnamedCiteCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataRespNoOut)
                           coef.est coef.se
(Intercept)                -5.55     0.58
median                      0.66     0.16
ideoAlign                   0.03     0.02
pastExpertise               0.01     0.00
logAttorneyBriefExperience  0.01     0.03
clerkedForThisJustice       0.44     0.41
partyStatus                 0.02     0.01
logTotalNumCites            1.89     0.05

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.87
 justice   (Intercept) 2.26
 issueArea (Intercept) 0.45
 Residual              5.22
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = 130013, DIC = 129917.6
deviance = 129953.1
>
> ### TABLE A9, COLUMN 2 ###
> model1majRespNoOut <- lmer(majCallOutCount ~ median
+                         + ideoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1dataRespNoOut)
> summary(model1majRespNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
```

```
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataRespNoOut

REML criterion at convergence: 1.8

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.718 -0.174 -0.094 -0.023 32.873

Random effects:
 Groups    Name        Variance  Std.Dev.
 term      (Intercept) 5.419e-05 0.007362
 justice   (Intercept) 3.161e-04 0.017780
 issueArea (Intercept) 5.626e-06 0.002372
 Residual              5.819e-02 0.241219
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                             Estimate Std. Error t value
(Intercept)                -0.0848051  0.0110223  -7.694
median                      0.0317233  0.0065940   4.811
ideoAlign                   0.0002608  0.0007840   0.333
pastExpertise               0.0001465  0.0000359   4.080
logAttorneyBriefExperience -0.0011823  0.0012157  -0.973
clerkedForThisJustice       0.0436824  0.0187499   2.330
partyStatus                 0.0001818  0.0006484   0.280
logTotalNumCites            0.0251503  0.0023521  10.693

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.044
ideoAlign    0.007 -0.004
pastExperts -0.066 -0.083  0.002
lgAttrnyBrE  0.055 -0.019  0.004 -0.044
clrkdFrThsJ  0.017  0.006 -0.027 -0.040 -0.072
partyStatus -0.291  0.006 -0.043 -0.029 -0.477 -0.008
logTtlNmCts -0.836 -0.014  0.009 -0.090 -0.025 -0.010  0.018
> display(model1majRespNoOut)
lmer(formula = majCallOutCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataRespNoOut)
                           coef.est coef.se
(Intercept)                -0.08     0.01
median                      0.03     0.01
ideoAlign                   0.00     0.00
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.00
clerkedForThisJustice       0.04     0.02
partyStatus                 0.00     0.00
logTotalNumCites            0.03     0.00

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.01
 justice   (Intercept) 0.02
 issueArea (Intercept) 0.00
 Residual              0.24
```

```
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = 25.8, DIC = -177
deviance = -87.6
>
> ### TABLE A9, COLUMN 3 ###
> model1separateRespNoOut <- lmer(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataRespNoOut)
> summary(model1separateRespNoOut)
Linear mixed model fit by REML ['lmerMod']
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataRespNoOut

REML criterion at convergence: 52874.2

Scaled residuals:
    Min      1Q  Median      3Q     Max
-1.1802 -0.3928 -0.2020  0.0053 24.4087

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.001332 0.03650
 justice   (Intercept) 0.013773 0.11736
 issueArea (Intercept) 0.001478 0.03844
 Residual              0.710199 0.84273
Number of obs: 21124, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error t value
(Intercept)                -0.6904226  0.0468468 -14.738
median                      0.1884257  0.0241720   7.795
ideoAlign                   0.0005985  0.0027402   0.218
pastExpertise               0.0011695  0.0001576   7.419
logAttorneyBriefExperience  0.0042214  0.0042960   0.983
clerkedForThisJustice       0.2333367  0.0656276   3.555
partyStatus                -0.0021786  0.0022936  -0.950
logTotalNumCites            0.2116601  0.0084082  25.173

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.038
ideoAlign    0.006 -0.005
pastExperts -0.055 -0.083  0.003
lgAttrnyBrE  0.048 -0.021  0.003 -0.060
clrkdFrThsJ  0.015  0.009 -0.027 -0.040 -0.070
partyStatus -0.247  0.002 -0.042  0.024 -0.475 -0.012
logTtlNmCts -0.705 -0.018  0.008 -0.085 -0.029 -0.010  0.021
```

```
> display(model1separateRespNoOut)
lmer(formula = notMajOpinCount ~ median + ideoAlign + pastExpertise +
    logAttorneyBriefExperience + clerkedForThisJustice + partyStatus +
    logTotalNumCites + (1 | issueArea) + (1 | justice) + (1 |
    term), data = model1dataRespNoOut)
                          coef.est coef.se
(Intercept)               -0.69     0.05
median                     0.19     0.02
ideoAlign                  0.00     0.00
pastExpertise              0.00     0.00
logAttorneyBriefExperience 0.00     0.00
clerkedForThisJustice      0.23     0.07
partyStatus                0.00     0.00
logTotalNumCites           0.21     0.01

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.04
 justice   (Intercept) 0.12
 issueArea (Intercept) 0.04
 Residual              0.84
---
number of obs: 21124, groups: term, 35; justice, 21; issueArea, 12
AIC = 52898.2, DIC = 52739.4
deviance = 52806.8
>
> ### TABLE A9 PULL ###
> #stargazer(model1passiveRespNoOut, model1majRespNoOut, model1separateRespNoOut, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
> ################################################
> ### STEP 11A: PET MODELS - NEGATIVE BINOMIAL ###
> ################################################
>
> # Tables A10 and A11 in supplemental appendix
>
> ### TABLE A10, COLUMN 1 ###
> model1passiveNegPet <- glmer.nb(unnamedCiteCount ~ median
+                         + ideoAlign
+                         + pastExpertise
+                         + logAttorneyBriefExperience
+                         + clerkedForThisJustice
+                         + partyStatus
+                         + logTotalNumCites
+                         + (1 | issueArea)
+                         + (1 | justice)
+                         + (1 | term),
+                         data = model1dataPet)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
3: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
```

```
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
> summary(model1passiveNegPet)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.4599)  ( log )
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

     AIC      BIC   logLik deviance df.resid
 73216.8  73312.5 -36596.4  73192.8    21481

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.673 -0.558 -0.431  0.022 32.447

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.72299  0.8503
 justice   (Intercept) 4.38954  2.0951
 issueArea (Intercept) 0.01855  0.1362
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error z value Pr(>|z|)
(Intercept)                -3.3806634  0.4912631  -6.882 5.92e-12 ***
median                      0.1122804  0.0521135   2.155   0.0312 *
ideoAlign                   0.0366942  0.0054970   6.675 2.47e-11 ***
pastExpertise               0.0011315  0.0004626   2.446   0.0145 *
logAttorneyBriefExperience  0.0034279  0.0084463   0.406   0.6849
clerkedForThisJustice       0.1974475  0.1095665   1.802   0.0715 .
partyStatus                -0.0053290  0.0047614  -1.119   0.2630
logTotalNumCites            0.8871711  0.0192074  46.189  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.014
ideoAlign   -0.001 -0.005
pastExperts -0.025  0.068 -0.004
lgAttrnyBrE  0.003 -0.010 -0.004  0.028
clrkdFrThsJ  0.002  0.020 -0.022 -0.010 -0.088
partyStatus -0.052  0.009 -0.051 -0.022 -0.399  0.006
logTtlNmCts -0.158  0.001  0.022 -0.024 -0.041 -0.010  0.030
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?

> display(model1passiveNegPet)
lme4::glmer(formula = unnamedCiteCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataPet, family = MASS::negative.binomial(theta = 0.459865283460326))
```

```
                           coef.est coef.se
(Intercept)                -3.38     0.49
median                      0.11     0.05
ideoAlign                   0.04     0.01
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.01
clerkedForThisJustice       0.20     0.11
partyStatus                -0.01     0.00
logTotalNumCites            0.89     0.02

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.85
 justice   (Intercept) 2.10
 issueArea (Intercept) 0.14
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 73216.8, DIC = -35473.4
deviance = 18859.7
>
> ### TABLE A10, COLUMN 2 ###
> model1majNegPet <- glmer.nb(majCallOutCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model failed to converge with max|grad| = 0.00776334 (tol = 0.002, component 1)
3: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
4: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
> summary(model1majNegPet)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.0894)  ( log )
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

     AIC      BIC   logLik deviance df.resid
  4058.3   4154.0  -2017.1   4034.3    21481

Scaled residuals:
   Min     1Q Median     3Q    Max
```

```
-0.287 -0.142 -0.097 -0.062 35.850

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.12426  0.3525
 justice   (Intercept) 0.95954  0.9796
 issueArea (Intercept) 0.08855  0.2976
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error z value Pr(>|z|)
(Intercept)                -9.467964   0.536522 -17.647  < 2e-16 ***
median                      0.846791   0.207886   4.073 4.63e-05 ***
ideoAlign                  -0.046332   0.027429  -1.689   0.0912 .
pastExpertise               0.002954   0.001530   1.931   0.0535 .
logAttorneyBriefExperience -0.081897   0.041753  -1.961   0.0498 *
clerkedForThisJustice       0.720716   0.389604   1.850   0.0643 .
partyStatus                -0.044470   0.022184  -2.005   0.0450 *
logTotalNumCites            1.257137   0.101337  12.406  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.074
ideoAlign    0.029 -0.014
pastExperts -0.031 -0.005 -0.021
lgAttrnyBrE  0.021 -0.051 -0.008 -0.023
clrkdFrThsJ  0.053  0.001 -0.059 -0.060 -0.106
partyStatus -0.240  0.013 -0.071  0.033 -0.351 -0.013
logTtlNmCts -0.828  0.032 -0.005 -0.063 -0.046 -0.055  0.055
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?

> display(model1majNegPet)
lme4::glmer(formula = majCallOutCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataPet, family = MASS::negative.binomial(theta = 0.089357295203589))
                           coef.est coef.se
(Intercept)                -9.47     0.54
median                      0.85     0.21
ideoAlign                  -0.05     0.03
pastExpertise               0.00     0.00
logAttorneyBriefExperience -0.08     0.04
clerkedForThisJustice       0.72     0.39
partyStatus                -0.04     0.02
logTotalNumCites            1.26     0.10

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.35
 justice   (Intercept) 0.98
 issueArea (Intercept) 0.30
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
```

```
AIC = 4058.3, DIC = -667.8
deviance = 1683.2
>
> ### TABLE A10, COLUMN 3 ###
> model1separateNegPet <- glmer.nb(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataPet)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
3: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
> summary(model1separateNegPet)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.236)  ( log )
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataPet

     AIC      BIC   logLik deviance df.resid
 21220.9  21316.6 -10598.4  21196.9    21481

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.4769 -0.3434 -0.2617 -0.1553 21.1228

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.11711  0.3422
 justice   (Intercept) 1.86826  1.3668
 issueArea (Intercept) 0.04729  0.2175
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                           Estimate Std. Error z value Pr(>|z|)
(Intercept)               -7.360584   0.369472 -19.922  < 2e-16 ***
median                     0.387898   0.094082   4.123 3.74e-05 ***
ideoAlign                 -0.007038   0.010515  -0.669  0.50328
pastExpertise              0.002415   0.000858   2.815  0.00488 **
logAttorneyBriefExperience 0.002315   0.016058   0.144  0.88536
clerkedForThisJustice      0.064413   0.191565   0.336  0.73669
partyStatus               -0.050074   0.009045  -5.536 3.09e-08 ***
logTotalNumCites           1.299565   0.041987  30.952  < 2e-16 ***
---
```

```
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.039
ideoAlign    0.010 -0.003
pastExperts -0.071  0.108 -0.022
lgAttrnyBrE  0.003  0.008  0.002  0.019
clrkdFrThsJ  0.011  0.021 -0.018  0.026 -0.069
partyStatus -0.135 -0.018 -0.074 -0.001 -0.362 -0.012
logTtlNmCts -0.484  0.016  0.002  0.031 -0.031 -0.013  0.032
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?

> display(model1separateNegPet)
lme4::glmer(formula = notMajOpinCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataPet, family = MASS::negative.binomial(theta = 0.236016883722285))
                           coef.est coef.se
(Intercept)                -7.36     0.37
median                      0.39     0.09
ideoAlign                  -0.01     0.01
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.00     0.02
clerkedForThisJustice       0.06     0.19
partyStatus                -0.05     0.01
logTotalNumCites            1.30     0.04

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.34
 justice   (Intercept) 1.37
 issueArea (Intercept) 0.22
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 21220.9, DIC = -5612.7
deviance = 7792.1
>
> ### TABLE A10 PULL ###
> #stargazer(model1passiveNegPet, model1majNegPet, model1separateNegPet, align = TRUE,
omit.stat=c("LL", "ser", "f"))
>
> ##############################
> ### STEP 11B: RESP MODELS ###
> ##############################
>
> ### TABLE A11, COLUMN 1 ###
> model1passiveNegResp <- glmer.nb(unnamedCiteCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
```

```
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
3: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?;Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?
> summary(model1passiveNegResp)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.5323)  ( log )
Formula: unnamedCiteCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

     AIC      BIC   logLik deviance df.resid
 76588.3  76684.1 -38282.2  76564.3    21481

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.7221 -0.5836 -0.4389  0.0712 31.4131

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.65660  0.8103
 justice   (Intercept) 4.43585  2.1061
 issueArea (Intercept) 0.03052  0.1747
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error z value Pr(>|z|)
(Intercept)                -3.4824896  0.4886871  -7.126 1.03e-12 ***
median                      0.0542940  0.0486573   1.116  0.26449
ideoAlign                   0.0010146  0.0051458   0.197  0.84370
pastExpertise               0.0011302  0.0004378   2.582  0.00983 **
logAttorneyBriefExperience  0.0259677  0.0085678   3.031  0.00244 **
clerkedForThisJustice       0.0917168  0.1162888   0.789  0.43029
partyStatus                 0.0110932  0.0044290   2.505  0.01226 *
logTotalNumCites            0.8823430  0.0179562  49.138  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.011
ideoAlign    0.002  0.003
pastExperts -0.024  0.070 -0.006
lgAttrnyBrE -0.002  0.010  0.023  0.020
clrkdFrThsJ  0.002 -0.006 -0.022  0.002 -0.062
```

```
partyStatus -0.046 -0.011 -0.062  0.033 -0.451 -0.015
logTtlNmCts -0.150 -0.007  0.007 -0.036  0.000 -0.006  0.026
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
Model is nearly unidentifiable: large eigenvalue ratio
 - Rescale variables?

> display(model1passiveNegResp)
lme4::glmer(formula = unnamedCiteCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp, family = MASS::negative.binomial(theta = 0.532349606614501))
                           coef.est coef.se
(Intercept)                -3.48     0.49
median                      0.05     0.05
ideoAlign                   0.00     0.01
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.03     0.01
clerkedForThisJustice       0.09     0.12
partyStatus                 0.01     0.00
logTotalNumCites            0.88     0.02

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.81
 justice   (Intercept) 2.11
 issueArea (Intercept) 0.17
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 76588.3, DIC = -37190.3
deviance = 19687.0
>
> ### TABLE A11, COLUMN 2 ###
> model1majNegResp <- glmer.nb(majCallOutCount ~ median
+                        + ideoAlign
+                        + pastExpertise
+                        + logAttorneyBriefExperience
+                        + clerkedForThisJustice
+                        + partyStatus
+                        + logTotalNumCites
+                        + (1 | issueArea)
+                        + (1 | justice)
+                        + (1 | term),
+                        data = model1dataResp)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model failed to converge with max|grad| = 0.0266404 (tol = 0.002, component 1)
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
3: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model failed to converge with max|grad| = 0.0198523 (tol = 0.002, component 1)
4: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
5: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
```

```
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
> summary(model1majNegResp)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.0705)  ( log )
Formula: majCallOutCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

     AIC      BIC   logLik deviance df.resid
  4379.8   4475.5  -2177.9   4355.8    21481

Scaled residuals:
   Min     1Q Median     3Q    Max
-0.256 -0.144 -0.102 -0.069 44.248

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.06594  0.2568
 justice   (Intercept) 0.86216  0.9285
 issueArea (Intercept) 0.02435  0.1560
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error z value Pr(>|z|)
(Intercept)                -10.028460   0.530263 -18.912  < 2e-16 ***
median                       0.753091   0.205940   3.657 0.000255 ***
ideoAlign                    0.016199   0.027116   0.597 0.550235
pastExpertise                0.003285   0.001292   2.543 0.010979 *
logAttorneyBriefExperience  -0.026140   0.042471  -0.615 0.538235
clerkedForThisJustice        0.636982   0.442008   1.441 0.149554
partyStatus                  0.009759   0.021561   0.453 0.650828
logTotalNumCites             1.309130   0.102897  12.723  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.043
ideoAlign    0.015  0.004
pastExperts -0.025 -0.033  0.005
lgAttrnyBrE -0.025 -0.041  0.012 -0.078
clrkdFrThsJ  0.048 -0.038 -0.040 -0.013 -0.083
partyStatus -0.208 -0.010 -0.108  0.002 -0.451 -0.041
logTtlNmCts -0.858  0.013  0.012 -0.072  0.051 -0.041  0.011
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?

> display(model1majNegResp)
lme4::glmer(formula = majCallOutCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp, family = MASS::negative.binomial(theta = 0.0704654630487191))
                           coef.est coef.se
(Intercept)                -10.03     0.53
median                       0.75     0.21
```

```
ideoAlign                    0.02     0.03
pastExpertise                0.00     0.00
logAttorneyBriefExperience  -0.03     0.04
clerkedForThisJustice        0.64     0.44
partyStatus                  0.01     0.02
logTotalNumCites             1.31     0.10

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.26
 justice   (Intercept) 0.93
 issueArea (Intercept) 0.16
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 4379.8, DIC = -956.2
deviance = 1699.8
>
> ### TABLE A11, COLUMN 3 ###
> model1separateNegResp <- glmer.nb(notMajOpinCount ~ median
+                       + ideoAlign
+                       + pastExpertise
+                       + logAttorneyBriefExperience
+                       + clerkedForThisJustice
+                       + partyStatus
+                       + logTotalNumCites
+                       + (1 | issueArea)
+                       + (1 | justice)
+                       + (1 | term),
+                       data = model1dataResp)
Warning messages:
1: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
2: In checkConv(attr(opt, "derivs"), opt$par, ctrl = control$checkConv,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
3: In optTheta(g1, interval = interval, tol = tol, verbose = verbose,  :
  Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?
> summary(model1separateNegResp)
Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']
 Family: Negative Binomial(0.2382)  ( log )
Formula: notMajOpinCount ~ median + ideoAlign + pastExpertise + logAttorneyBriefExperience +
    clerkedForThisJustice + partyStatus + logTotalNumCites +
    (1 | issueArea) + (1 | justice) + (1 | term)
   Data: model1dataResp

     AIC      BIC   logLik deviance df.resid
 21277.9  21373.6 -10627.0  21253.9    21481

Scaled residuals:
    Min      1Q  Median      3Q     Max
-0.4776 -0.3453 -0.2599 -0.1558 23.5467

Random effects:
 Groups    Name        Variance Std.Dev.
 term      (Intercept) 0.08715  0.2952
```

```
 justice   (Intercept) 1.41496  1.1895
 issueArea (Intercept) 0.02603  0.1613
Number of obs: 21493, groups:  term, 35; justice, 21; issueArea, 12

Fixed effects:
                            Estimate Std. Error z value Pr(>|z|)
(Intercept)                -7.7979373  0.3352987 -23.257  < 2e-16 ***
median                      0.3725940  0.0944478   3.945 7.98e-05 ***
ideoAlign                   0.0074612  0.0104543   0.714  0.47541
pastExpertise               0.0027275  0.0008328   3.275  0.00106 **
logAttorneyBriefExperience  0.0141648  0.0168964   0.838  0.40184
clerkedForThisJustice       0.4085243  0.2034333   2.008  0.04463 *
partyStatus                 0.0050638  0.0086969   0.582  0.56040
logTotalNumCites            1.3104542  0.0421200  31.112  < 2e-16 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:
            (Intr) median idAlgn pstExp lgAtBE clrFTJ prtySt
median      -0.038
ideoAlign   -0.003 -0.005
pastExperts -0.071  0.122  0.014
lgAttrnyBrE -0.006  0.015  0.016  0.040
clrkdFrThsJ  0.001  0.020 -0.047  0.003 -0.085
partyStatus -0.137 -0.023 -0.084 -0.031 -0.425 -0.021
logTtlNmCts -0.548  0.004  0.028  0.008  0.005  0.010  0.029
optimizer (Nelder_Mead) convergence code: 0 (OK)
Model is nearly unidentifiable: very large eigenvalue
 - Rescale variables?

> display(model1separateNegResp)
lme4::glmer(formula = notMajOpinCount ~ median + ideoAlign +
    pastExpertise + logAttorneyBriefExperience + clerkedForThisJustice +
    partyStatus + logTotalNumCites + (1 | issueArea) + (1 | justice) +
    (1 | term), data = model1dataResp, family = MASS::negative.binomial(theta = 0.238151486547088))
                           coef.est coef.se
(Intercept)                -7.80     0.34
median                      0.37     0.09
ideoAlign                   0.01     0.01
pastExpertise               0.00     0.00
logAttorneyBriefExperience  0.01     0.02
clerkedForThisJustice       0.41     0.20
partyStatus                 0.01     0.01
logTotalNumCites            1.31     0.04

Error terms:
 Groups    Name        Std.Dev.
 term      (Intercept) 0.30
 justice   (Intercept) 1.19
 issueArea (Intercept) 0.16
 Residual              1.00
---
number of obs: 21493, groups: term, 35; justice, 21; issueArea, 12
AIC = 21277.9, DIC = -5593.8
deviance = 7830.1
>
> ### TABLE A11 PULL ###
> #stargazer(model1passiveNegResp, model1majNegResp, model1separateNegResp, align = TRUE,
```

```
omit.stat=c("LL", "ser", "f"))
>
> ##############################################################################
> ### STEP 11: WRITE OUT THE DATA TO RUN THE POOLED CLUSTERED MODELS IN STATA ###
> ##############################################################################
>
> # write it out into a .dta format
> #write_dta(model1dataPet, "~/Dropbox/VanityCitations/Data/Models/
Model1PetStataAnalysis20241216.dta")
> #write_dta(model1dataResp, "~/Dropbox/VanityCitations/Data/Models/
Model1RespStataAnalysis20241216.dta")
>
> # Tables A12 to A17 in the Supplemental Appendix in the Stata File
>
>
>
>
>
>
>
>
>
```