```
R version 3.6.1 (2019-07-05) -- "Action of the Toes"
Copyright (C) 2019 The R Foundation for Statistical Computing
Platform: x86_64-apple-darwin15.6.0 (64-bit)

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 1.70 (7684) x86_64-apple-darwin15.6.0]

2020-01-28 12:43:34.715 R[4774:579407] Antidote - Texteurs: Module texteur installé dans /Applications/R.app
(org.R-project.R)
> ########################
> #JF GODBOUT MANUSCRIPT##
> #CHAPTER 5##############
> #August 20, 2018########
> ########################
> #FIGURE 5.4##############
> ########################
>
> ######################################################################
> #Figure 5.4: The Influence of Careers and Cohorts on Party Loyalty#
> ######################################################################
>
>
> rm(list=ls())
>
> data1 <- read.csv(file="~/Dropbox/Canada-Manuscript/Analysis/data1.csv",header =TRUE)
>
> data1 <- subset(data1,data1$conservative==1 | data1$liberal==1)
>
> #drop turnout < .10
> data1 <- subset(data1,data1$turnout>.10)
>
> #drop total vote <10
> #Note that 31st Parliament is dropped
> data1 <- subset(data1,data1$total.vote>10)
>
> #drop total votes = 0 for non-liberal + non-conservative parties
> data1 <- subset(data1,data1$el.total.vote.mean>0)
>
> ########################
> #5.4.1 Analysis Career#
> ########################
>
> m5.4.1 <- loyalty ~ government + cabinet + no.term + maritime + quebec + west
>
> #m1 <- lm(m5.4.1,data=data1[data1$parl1==1,],)
> m2 <- lm(m5.4.1,data=data1[data1$parl2==1,],)
> m3 <- lm(m5.4.1,data=data1[data1$parl3==1,],)
> m4 <- lm(m5.4.1,data=data1[data1$parl4==1,],)
> m5 <- lm(m5.4.1,data=data1[data1$parl5==1,],)
> m6 <- lm(m5.4.1,data=data1[data1$parl6==1,],)
> m7 <- lm(m5.4.1,data=data1[data1$parl7==1,],)
> m8 <- lm(m5.4.1,data=data1[data1$parl8==1,],)
> m9 <- lm(m5.4.1,data=data1[data1$parl9==1,],)
> m10 <- lm(m5.4.1,data=data1[data1$parl10==1,],)
> m11 <- lm(m5.4.1,data=data1[data1$parl11==1,],)
> m12 <- lm(m5.4.1,data=data1[data1$parl12==1,],)
> m13 <- lm(m5.4.1,data=data1[data1$parl13==1,],)
```

```
> m14 <- lm(m5.4.1,data=data1[data1$parl14==1,],)
> m15 <- lm(m5.4.1,data=data1[data1$parl15==1,],)
> m16 <- lm(m5.4.1,data=data1[data1$parl16==1,],)
> m17 <- lm(m5.4.1,data=data1[data1$parl17==1,],)
> m18 <- lm(m5.4.1,data=data1[data1$parl18==1,],)
> m19 <- lm(m5.4.1,data=data1[data1$parl19==1,],)
> m20 <- lm(m5.4.1,data=data1[data1$parl20==1,],)
> m21 <- lm(m5.4.1,data=data1[data1$parl21==1,],)
> m22 <- lm(m5.4.1,data=data1[data1$parl22==1,],)
> m23 <- lm(m5.4.1,data=data1[data1$parl23==1,],)
> m24 <- lm(m5.4.1,data=data1[data1$parl24==1,],)
> m25 <- lm(m5.4.1,data=data1[data1$parl25==1,],)
> m26 <- lm(m5.4.1,data=data1[data1$parl26==1,],)
> m27 <- lm(m5.4.1,data=data1[data1$parl27==1,],)
> m28 <- lm(m5.4.1,data=data1[data1$parl28==1,],)
> m29 <- lm(m5.4.1,data=data1[data1$parl29==1,],)
> m30 <- lm(m5.4.1,data=data1[data1$parl30==1,],)
> #m31 <- lm(m5.4.1,data=data1[data1$parl31==1,],)
> m32 <- lm(m5.4.1,data=data1[data1$parl32==1,],)
> m33 <- lm(m5.4.1,data=data1[data1$parl33==1,],)
> m34 <- lm(m5.4.1,data=data1[data1$parl34==1,],)
> m35 <- lm(m5.4.1,data=data1[data1$parl35==1,],)
> m36 <- lm(m5.4.1,data=data1[data1$parl36==1,],)
> m37 <- lm(m5.4.1,data=data1[data1$parl37==1,],)
> m38 <- lm(m5.4.1,data=data1[data1$parl38==1,],)
> m39 <- lm(m5.4.1,data=data1[data1$parl39==1,],)
> m40 <- lm(m5.4.1,data=data1[data1$parl40==1,],)
>
> library(mfx)
Loading required package: sandwich
Loading required package: lmtest
Loading required package: zoo

Attaching package: ‘zoo’

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

    as.Date, as.Date.numeric

Loading required package: MASS
Loading required package: betareg
>
> #mm1 <- coeftest(m1, vcov = vcovHAC(m1))
> mm2 <- coeftest(m2, vcov = vcovHAC(m2))
> mm3 <- coeftest(m3, vcov = vcovHAC(m3))
> mm4 <- coeftest(m4, vcov = vcovHAC(m4))
> mm5 <- coeftest(m5, vcov = vcovHAC(m5))
> mm6 <- coeftest(m6, vcov = vcovHAC(m6))
> mm7 <- coeftest(m7, vcov = vcovHAC(m7))
> mm8 <- coeftest(m8, vcov = vcovHAC(m8))
> mm9 <- coeftest(m9, vcov = vcovHAC(m9))
> mm10 <- coeftest(m10, vcov = vcovHAC(m10))
> mm11 <- coeftest(m11, vcov = vcovHAC(m11))
> mm12 <- coeftest(m12, vcov = vcovHAC(m12))
> mm13 <- coeftest(m13, vcov = vcovHAC(m13))
> mm14 <- coeftest(m14, vcov = vcovHAC(m14))
> mm15 <- coeftest(m15, vcov = vcovHAC(m15))
> mm16 <- coeftest(m16, vcov = vcovHAC(m16))
> mm17 <- coeftest(m17, vcov = vcovHAC(m17))
> mm18 <- coeftest(m18, vcov = vcovHAC(m18))
> mm19 <- coeftest(m19, vcov = vcovHAC(m19))
> mm20 <- coeftest(m20, vcov = vcovHAC(m20))
> mm21 <- coeftest(m21, vcov = vcovHAC(m21))
> mm22 <- coeftest(m22, vcov = vcovHAC(m22))
> mm23 <- coeftest(m23, vcov = vcovHAC(m23))
> mm24 <- coeftest(m24, vcov = vcovHAC(m24))
> mm25 <- coeftest(m25, vcov = vcovHAC(m25))
> mm26 <- coeftest(m26, vcov = vcovHAC(m26))
> mm27 <- coeftest(m27, vcov = vcovHAC(m27))
> mm28 <- coeftest(m28, vcov = vcovHAC(m28))
> mm29 <- coeftest(m29, vcov = vcovHAC(m29))
```

```
> mm30 <- coeftest(m30, vcov = vcovHAC(m30))
> #mm31 <- coeftest(m31, vcov = vcovHAC(m31))
> mm32 <- coeftest(m32, vcov = vcovHAC(m32))
> mm33 <- coeftest(m33, vcov = vcovHAC(m33))
> mm34 <- coeftest(m34, vcov = vcovHAC(m34))
> mm35 <- coeftest(m35, vcov = vcovHAC(m35))
> mm36 <- coeftest(m36, vcov = vcovHAC(m36))
> mm37 <- coeftest(m37, vcov = vcovHAC(m37))
> mm38 <- coeftest(m38, vcov = vcovHAC(m38))
> mm39 <- coeftest(m39, vcov = vcovHAC(m39))
> mm40 <- coeftest(m40, vcov = vcovHAC(m40))
>
> #Graphic 5.4.1
>
> #coef <- mm1[4,1]
> #se <- mm1[4,2]
> #conf1 <- coef + c(-1,1)*se*qt(0.975, m1$df.residual)
> #conf1 <- c(conf1,coef,"1st (1867-1872)")
> coef <- mm2[4,1]
> se <- mm2[4,2]
> conf2 <- coef + c(-1,1)*se*qt(0.975, m2$df.residual)
> conf2 <- c(conf2,coef,"2nd (1872-1874)")
> coef <- mm3[4,1]
> se <- mm3[4,2]
> conf3 <- coef + c(-1,1)*se*qt(0.975, m3$df.residual)
> conf3 <- c(conf3,coef,"3rd (1874-1878)")
> coef <- mm4[4,1]
> se <- mm4[4,2]
> conf4 <- coef + c(-1,1)*se*qt(0.975, m4$df.residual)
> conf4 <- c(conf4,coef,"4th (1879-1882)")
> coef <- mm5[4,1]
> se <- mm5[4,2]
> conf5 <- coef + c(-1,1)*se*qt(0.975, m5$df.residual)
> conf5 <- c(conf5,coef,"5th (1883-1887)")
> coef <- mm6[4,1]
> se <- mm6[4,2]
> conf6 <- coef + c(-1,1)*se*qt(0.975, m6$df.residual)
> conf6 <- c(conf6,coef,"6th (1887-1891)")
> coef <- mm7[4,1]
> se <- mm7[4,2]
> conf7 <- coef + c(-1,1)*se*qt(0.975, m7$df.residual)
> conf7 <- c(conf7,coef,"7th (1891-1896)")
> coef <- mm8[4,1]
> se <- mm8[4,2]
> conf8 <- coef + c(-1,1)*se*qt(0.975, m8$df.residual)
> conf8 <- c(conf8,coef,"8th (1896-1900)")
> coef <- mm9[4,1]
> se <- mm9[4,2]
> conf9 <- coef + c(-1,1)*se*qt(0.975, m9$df.residual)
> conf9 <- c(conf9,coef,"9th (1901-1904)")
> coef <- mm10[4,1]
> se <- mm10[4,2]
> conf10 <- coef + c(-1,1)*se*qt(0.975, m10$df.residual)
> conf10 <- c(conf10,coef,"10th (1905-1908)")
> coef <- mm11[4,1]
> se <- mm11[4,2]
> conf11 <- coef + c(-1,1)*se*qt(0.975, m11$df.residual)
> conf11 <- c(conf11,coef,"11th (1909-1911)")
> coef <- mm12[4,1]
> se <- mm12[4,2]
> conf12 <- coef + c(-1,1)*se*qt(0.975, m12$df.residual)
> conf12 <- c(conf12,coef,"12th (1911-1917)")
> coef <- mm13[4,1]
> se <- mm13[4,2]
> conf13 <- coef + c(-1,1)*se*qt(0.975, m13$df.residual)
> conf13 <- c(conf13,coef,"13th (1917-1921)")
> coef <- mm14[4,1]
> se <- mm14[4,2]
> conf14 <- coef + c(-1,1)*se*qt(0.975, m14$df.residual)
> conf14 <- c(conf14,coef,"14th (1921-1925)")
> coef <- mm15[4,1]
```

```
> se <- mm15[4,2]
> conf15 <- coef + c(-1,1)*se*qt(0.975, m15$df.residual)
> conf15 <- c(conf15,coef,"15th (1926)")
> coef <- mm16[4,1]
> se <- mm16[4,2]
> conf16 <- coef + c(-1,1)*se*qt(0.975, m16$df.residual)
> conf16 <- c(conf16,coef,"16th (1926-1930)")
> coef <- mm17[4,1]
> se <- mm17[4,2]
> conf17 <- coef + c(-1,1)*se*qt(0.975, m17$df.residual)
> conf17 <- c(conf17,coef,"17th (1930-1935)")
> coef <- mm18[4,1]
> se <- mm18[4,2]
> conf18 <- coef + c(-1,1)*se*qt(0.975, m18$df.residual)
> conf18 <- c(conf18,coef,"18th (1935-1940)")
> coef <- mm19[4,1]
> se <- mm19[4,2]
> conf19 <- coef + c(-1,1)*se*qt(0.975, m19$df.residual)
> conf19 <- c(conf19,coef,"19th (1940-1945)")
> coef <- mm20[4,1]
> se <- mm20[4,2]
> conf20 <- coef + c(-1,1)*se*qt(0.975, m20$df.residual)
> conf20 <- c(conf20,coef,"20th (1945-1949)")
> coef <- mm21[4,1]
> se <- mm21[4,2]
> conf21 <- coef + c(-1,1)*se*qt(0.975, m21$df.residual)
> conf21 <- c(conf21,coef,"21st (1949-1953)")
> coef <- mm22[4,1]
> se <- mm22[4,2]
> conf22 <- coef + c(-1,1)*se*qt(0.975, m22$df.residual)
> conf22 <- c(conf22,coef,"22nd (1953-1957)")
> coef <- mm23[4,1]
> se <- mm23[4,2]
> conf23 <- coef + c(-1,1)*se*qt(0.975, m23$df.residual)
> conf23 <- c(conf23,coef,"23rd (1957-1958)")
> coef <- mm24[4,1]
> se <- mm24[4,2]
> conf24 <- coef + c(-1,1)*se*qt(0.975, m24$df.residual)
> conf24 <- c(conf24,coef,"24th (1958-1962)")
> coef <- mm25[4,1]
> se <- mm25[4,2]
> conf25 <- coef + c(-1,1)*se*qt(0.975, m25$df.residual)
> conf25 <- c(conf25,coef,"25th (1962-1963)")
> coef <- mm26[4,1]
> se <- mm26[4,2]
> conf26 <- coef + c(-1,1)*se*qt(0.975, m26$df.residual)
> conf26 <- c(conf26,coef,"26th (1963-1965)")
> coef <- mm27[4,1]
> se <- mm27[4,2]
> conf27 <- coef + c(-1,1)*se*qt(0.975, m27$df.residual)
> conf27 <- c(conf27,coef,"27th (1965-1968)")
> coef <- mm28[4,1]
> se <- mm28[4,2]
> conf28 <- coef + c(-1,1)*se*qt(0.975, m28$df.residual)
> conf28 <- c(conf28,coef,"28th (1968-1972)")
> coef <- mm29[4,1]
> se <- mm29[4,2]
> conf29 <- coef + c(-1,1)*se*qt(0.975, m29$df.residual)
> conf29 <- c(conf29,coef,"29th (1972-1974)")
> coef <- mm30[4,1]
> se <- mm30[4,2]
> conf30 <- coef + c(-1,1)*se*qt(0.975, m30$df.residual)
> conf30 <- c(conf30,coef,"30th (1974-1979)")
> #coef <- mm31[4,1]
> #se <- mm31[4,2]
> #conf31 <- coef + c(-1,1)*se*qt(0.975, m31$df.residual)
> #conf31 <- c(conf31,coef,"31th ()")
> coef <- mm32[4,1]
> se <- mm32[4,2]
> conf32 <- coef + c(-1,1)*se*qt(0.975, m32$df.residual)
> conf32 <- c(conf32,coef,"32nd (1980-1984)")
```

```
> coef <- mm33[4,1]
> se <- mm33[4,2]
> conf33 <- coef + c(-1,1)*se*qt(0.975, m33$df.residual)
> conf33 <- c(conf33,coef,"33rd (1984-1988)")
> coef <- mm34[4,1]
> se <- mm34[4,2]
> conf34 <- coef + c(-1,1)*se*qt(0.975, m34$df.residual)
> conf34 <- c(conf34,coef,"34th (1988-1993)")
> coef <- mm35[4,1]
> se <- mm35[4,2]
> conf35 <- coef + c(-1,1)*se*qt(0.975, m35$df.residual)
> conf35 <- c(conf35,coef,"35th (1994-1997)")
> coef <- mm36[4,1]
> se <- mm36[4,2]
> conf36 <- coef + c(-1,1)*se*qt(0.975, m36$df.residual)
> conf36 <- c(conf36,coef,"36th (1997-2000)")
> coef <- mm37[4,1]
> se <- mm37[4,2]
> conf37 <- coef + c(-1,1)*se*qt(0.975, m37$df.residual)
> conf37 <- c(conf37,coef,"37th (2001-2004)")
> coef <- mm38[4,1]
> se <- mm38[4,2]
> conf38 <- coef + c(-1,1)*se*qt(0.975, m38$df.residual)
> conf38 <- c(conf38,coef,"38th (2004-2005)")
> coef <- mm39[4,1]
> se <- mm39[4,2]
> conf39 <- coef + c(-1,1)*se*qt(0.975, m39$df.residual)
> conf39 <- c(conf39,coef,"39th (2006-2008)")
> coef <- mm40[4,1]
> se <- mm40[4,2]
> conf40 <- coef + c(-1,1)*se*qt(0.975, m40$df.residual)
> conf40 <- c(conf40,coef,"40th (2008-2011)")
>
> all <-
rbind(conf40,conf39,conf38,conf37,conf36,conf35,conf34,conf33,conf32,conf30,conf29,conf28,conf27,conf26,conf25,
conf24,conf23,conf22,conf21,conf20,conf19,conf18,conf17,conf16,conf15,conf14,conf13,conf12,conf11,conf10,conf9,
conf8,conf7,conf6,conf5,conf4,conf3,conf2)
>
> colnames(all) <- c("low","high","coef","V1")
> all <- data.frame(all)
> all$low <- as.numeric(as.character(all$low))
> all$high <- as.numeric(as.character(all$high))
> all$coef <- as.numeric(as.character(all$coef))
>
> #library(ggplot2)
> #tiff(file = "~/Dropbox/Canada-Manuscript/Figures-Final/Figure-5.4.1.jpg", width = 8, height = 8, units =
'in', res = 200)
> #ggplot(all, aes(V1,xx, ymin = low,ymax = high))+
> #  scale_x_discrete('Parliaments (1872-2011)',limits=all$V1) +
> #  scale_y_continuous('95% Confidence Intervals for No. Terms Served',limits=c(-0.06,0.06)) +
> #  theme_bw() +
> #  geom_errorbar(aes(x = V1, y = coef),size=.3,width=.2) +
> #  geom_point(aes(x = V1, y = coef)) +
> #  geom_hline(yintercept=0) +
> #  coord_flip() +
> #  ggtitle("No. of Terms Served") +
> #  theme(plot.title = element_text(hjust = .5,face="bold"))
> #dev.off()
>
> #Print results 5.4.1
>
> #summary(m1)
> #nobs(m1)
> #mm1
> summary(m2)

Call:
lm(formula = m5.4.1, data = data1[data1$parl2 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
```

```
-0.63366 -0.07434  0.00947  0.09512  0.27947

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.887352   0.039142  22.670  < 2e-16 ***
government   0.109477   0.023502   4.658 6.29e-06 ***
cabinet      0.055579   0.054740   1.015 0.311350
no.term     -0.008373   0.023551  -0.356 0.722635
maritime    -0.239632   0.032176  -7.447 4.16e-12 ***
quebec      -0.150082   0.026145  -5.740 4.09e-08 ***
west        -0.231887   0.060200  -3.852 0.000164 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.152 on 175 degrees of freedom
Multiple R-squared:  0.3483,
  Adjusted R-squared:  0.3259
F-statistic: 15.59 on 6 and 175 DF,  p-value: 2.7e-14

> nobs(m2)
[1] 182
> mm2

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.8873523  0.0388673 22.8303 < 2.2e-16 ***
government   0.1094766  0.0239313  4.5746 9.005e-06 ***
cabinet      0.0555794  0.0333018  1.6690   0.09691 .
no.term     -0.0083726  0.0249720 -0.3353   0.73782
maritime    -0.2396324  0.0440753 -5.4369 1.801e-07 ***
quebec      -0.1500818  0.0226874 -6.6152 4.349e-10 ***
west        -0.2318867  0.1140830 -2.0326   0.04360 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m3)

Call:
lm(formula = m5.4.1, data = data1[data1$parl3 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.58823 -0.04557  0.02562  0.07845  0.21414

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.830991   0.030724  27.047  < 2e-16 ***
government   0.080162   0.020117   3.985 9.41e-05 ***
cabinet      0.063651   0.035916   1.772   0.0779 .
no.term     -0.008283   0.011649  -0.711   0.4779
maritime    -0.038442   0.025485  -1.508   0.1330
quebec      -0.049269   0.021324  -2.310   0.0219 *
west        -0.194559   0.048954  -3.974 9.81e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1327 on 203 degrees of freedom
Multiple R-squared:  0.1859,
  Adjusted R-squared:  0.1619
F-statistic: 7.728 on 6 and 203 DF,  p-value: 1.706e-07

> nobs(m3)
[1] 210
> mm3

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.8309906  0.0289641 28.6904 < 2.2e-16 ***
government   0.0801624  0.0236432  3.3905 0.0008383 ***
```

```
cabinet      0.0636512  0.0208182  3.0575 0.0025325 **
no.term     -0.0082831  0.0112855 -0.7340 0.4638202
maritime    -0.0384415  0.0282006 -1.3631 0.1743462
quebec      -0.0492685  0.0224239 -2.1971 0.0291420 *
west        -0.1945592  0.0532029 -3.6569 0.0003252 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m4)

Call:
lm(formula = m5.4.1, data = data1[data1$parl4 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.74782 -0.02078  0.00629  0.03723  0.23324

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.907597   0.024509  37.031  < 2e-16 ***
government   0.039746   0.017700   2.246   0.0258 *
cabinet      0.022186   0.034128   0.650   0.5163
no.term     -0.004048   0.006926  -0.585   0.5595
maritime    -0.005665   0.020904  -0.271   0.7867
quebec      -0.002253   0.017758  -0.127   0.8991
west        -0.176531   0.034262  -5.152 5.87e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1115 on 212 degrees of freedom
Multiple R-squared:  0.1414,
  Adjusted R-squared:  0.1171
F-statistic: 5.818 on 6 and 212 DF,  p-value: 1.242e-05
```

```
> nobs(m4)
[1] 219
> mm4

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9075975  0.0250317 36.2579  < 2e-16 ***
government   0.0397462  0.0237945  1.6704  0.09632 .
cabinet      0.0221857  0.0210214  1.0554  0.29245
no.term     -0.0040484  0.0083856 -0.4828  0.62975
maritime    -0.0056648  0.0137555 -0.4118  0.68089
quebec      -0.0022533  0.0140498 -0.1604  0.87273
west        -0.1765313  0.0953442 -1.8515  0.06549 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m5)

Call:
lm(formula = m5.4.1, data = data1[data1$parl5 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.67951 -0.01476  0.01945  0.04042  0.10189

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9303074  0.0164938  56.404   <2e-16 ***
government  -0.0148569  0.0138413  -1.073   0.2843
cabinet      0.0197839  0.0282548   0.700   0.4845
no.term      0.0006184  0.0047272   0.131   0.8960
maritime    -0.0325292  0.0162631  -2.000   0.0467 *
quebec      -0.0362244  0.0152917  -2.369   0.0187 *
west        -0.0511888  0.0299903  -1.707   0.0893 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 0.09313 on 220 degrees of freedom
Multiple R-squared:  0.04961,
  Adjusted R-squared:  0.02369
F-statistic: 1.914 on 6 and 220 DF,  p-value: 0.07965

> nobs(m5)
[1] 227
> mm5

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.93030737  0.01906587 48.7944 < 2.2e-16 ***
government  -0.01485692  0.01697995 -0.8750  0.382545
cabinet      0.01978390  0.01505067  1.3145  0.190051
no.term      0.00061838  0.00436811  0.1416  0.887551
maritime    -0.03252922  0.02164188 -1.5031  0.134256
quebec      -0.03622444  0.01101436 -3.2888  0.001171 **
west        -0.05118878  0.03667030 -1.3959  0.164146
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m6)

Call:
lm(formula = m5.4.1, data = data1[data1$parl6 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.67544 -0.02116  0.01356  0.04756  0.14419

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.896312   0.018193  49.266  < 2e-16 ***
government  -0.011568   0.014514  -0.797    0.426
cabinet      0.043887   0.028284   1.552    0.122
no.term      0.003392   0.004677   0.725    0.469
maritime    -0.008356   0.017627  -0.474    0.636
quebec      -0.073687   0.015923  -4.628 6.45e-06 ***
west         0.020204   0.024158   0.836    0.404
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0956 on 211 degrees of freedom
Multiple R-squared:  0.1241,
  Adjusted R-squared:  0.09922
F-statistic: 4.984 on 6 and 211 DF,  p-value: 8.52e-05

> nobs(m6)
[1] 218
> mm6

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.8963116  0.0180624 49.6232 < 2.2e-16 ***
government  -0.0115683  0.0173924 -0.6651  0.506688
cabinet      0.0438869  0.0141593  3.0995  0.002203 **
no.term      0.0033917  0.0041546  0.8164  0.415213
maritime    -0.0083562  0.0212806 -0.3927  0.694962
quebec      -0.0736869  0.0158457 -4.6503 5.843e-06 ***
west         0.0202041  0.0126834  1.5930  0.112667
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m7)

Call:
lm(formula = m5.4.1, data = data1[data1$parl7 == 1, ])
```

```
Residuals:
     Min       1Q   Median       3Q      Max
-0.85779 -0.01158  0.01759  0.03801  0.10875

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.933025   0.015588  59.853  < 2e-16 ***
government   0.023353   0.013440   1.738  0.08360 .
cabinet      0.006658   0.022306   0.298  0.76562
no.term      0.005612   0.003856   1.455  0.14692
maritime    -0.021947   0.016958  -1.294  0.19690
quebec      -0.047383   0.014778  -3.206  0.00153 **
west         0.002325   0.024364   0.095  0.92406
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09522 on 232 degrees of freedom
Multiple R-squared:  0.0737,
  Adjusted R-squared:  0.04975
F-statistic: 3.077 on 6 and 232 DF,  p-value: 0.006453

> nobs(m7)
[1] 239
> mm7

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9330246  0.0130768 71.3496 < 2.2e-16 ***
government   0.0233534  0.0165349  1.4124  0.159181
cabinet      0.0066575  0.0103045  0.6461  0.518864
no.term      0.0056118  0.0026708  2.1012  0.036702 *
maritime    -0.0219466  0.0225490 -0.9733  0.331425
quebec      -0.0473828  0.0146637 -3.2313  0.001411 **
west         0.0023250  0.0107830  0.2156  0.829475
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m8)

Call:
lm(formula = m5.4.1, data = data1[data1$parl8 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.56599 -0.01925  0.01411  0.04456  0.16314

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.940447   0.014887  63.172  < 2e-16 ***
government   0.007770   0.012841   0.605   0.5458
cabinet      0.047708   0.021988   2.170   0.0312 *
no.term     -0.004091   0.003466  -1.180   0.2392
maritime    -0.026619   0.016048  -1.659   0.0987 .
quebec      -0.016138   0.013962  -1.156   0.2491
west        -0.091310   0.022090  -4.134 5.25e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0818 on 200 degrees of freedom
Multiple R-squared:  0.1026,
  Adjusted R-squared:  0.07564
F-statistic: 3.809 on 6 and 200 DF,  p-value: 0.001286

> nobs(m8)
[1] 207
> mm8

t test of coefficients:

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

```
(Intercept)  0.9404468  0.0177100 53.1026 < 2.2e-16 ***
government   0.0077704  0.0123883  0.6272  0.531220
cabinet      0.0477079  0.0152522  3.1279  0.002023 **
no.term     -0.0040912  0.0060583 -0.6753  0.500260
maritime    -0.0266193  0.0240023 -1.1090  0.268748
quebec      -0.0161377  0.0098993 -1.6302  0.104636
west        -0.0913099  0.0302058 -3.0229  0.002831 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m9)

Call:
lm(formula = m5.4.1, data = data1[data1$parl9 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.75859 -0.00990  0.00927  0.02661  0.06682

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.957164   0.010754  89.007  < 2e-16 ***
government   0.039310   0.010512   3.740 0.000236 ***
cabinet      0.006516   0.017327   0.376 0.707238
no.term     -0.003843   0.003160  -1.216 0.225287
maritime     0.002992   0.012877   0.232 0.816511
quebec      -0.036833   0.011440  -3.220 0.001482 **
west        -0.008610   0.017147  -0.502 0.616096
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06523 on 215 degrees of freedom
Multiple R-squared:  0.1017,
  Adjusted R-squared:  0.07659
F-statistic: 4.055 on 6 and 215 DF,  p-value: 0.0007137

> nobs(m9)
[1] 222
> mm9

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9571644  0.0135870 70.4469  < 2e-16 ***
government   0.0393097  0.0187709  2.0942  0.03742 *
cabinet      0.0065160  0.0119170  0.5468  0.58510
no.term     -0.0038429  0.0039849 -0.9644  0.33594
maritime     0.0029917  0.0083466  0.3584  0.72037
quebec      -0.0368332  0.0195930 -1.8799  0.06147 .
west        -0.0086099  0.0132316 -0.6507  0.51593
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m10)

Call:
lm(formula = m5.4.1, data = data1[data1$parl10 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.80989 -0.00805  0.00906  0.03708  0.06299

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.956510   0.012511  76.455  < 2e-16 ***
government   0.045658   0.011583   3.942 0.000108 ***
cabinet      0.004911   0.019770   0.248 0.804069
no.term      0.001491   0.003426   0.435 0.663924
maritime    -0.007551   0.014556  -0.519 0.604451
quebec      -0.043719   0.012604  -3.469 0.000627 ***
west        -0.013119   0.016225  -0.809 0.419612
```

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

Residual standard error: 0.07469 on 225 degrees of freedom
Multiple R-squared:  0.09574,
  Adjusted R-squared:  0.07163
F-statistic:  3.97 on 6 and 225 DF,  p-value: 0.0008509

> nobs(m10)
[1] 232
> mm10

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9565096  0.0117133 81.6603  < 2e-16 ***
government   0.0456577  0.0181475  2.5159  0.01257 *
cabinet      0.0049105  0.0106658  0.4604  0.64568
no.term      0.0014906  0.0020386  0.7312  0.46543
maritime    -0.0075508  0.0077095 -0.9794  0.32843
quebec      -0.0437187  0.0209347 -2.0883  0.03789 *
west        -0.0131192  0.0092809 -1.4136  0.15887
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m11)

Call:
lm(formula = m5.4.1, data = data1[data1$parl11 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.85212 -0.00798 -0.00004  0.02057  0.08759

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9572216  0.0111427  85.905  < 2e-16 ***
government   0.0488967  0.0101170   4.833 2.60e-06 ***
cabinet     -0.0035029  0.0187412  -0.187    0.852
no.term      0.0009332  0.0030492   0.306    0.760
maritime    -0.0046115  0.0136102  -0.339    0.735
quebec      -0.0466759  0.0116754  -3.998 8.86e-05 ***
west         0.0007810  0.0136453   0.057    0.954
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06595 on 209 degrees of freedom
Multiple R-squared:  0.1418,
  Adjusted R-squared:  0.1172
F-statistic: 5.755 on 6 and 209 DF,  p-value: 1.456e-05

> nobs(m11)
[1] 216
> mm11

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.95722158  0.00753511 127.0349 < 2.2e-16 ***
government   0.04889672  0.01651508   2.9607  0.003424 **
cabinet     -0.00350288  0.00655230  -0.5346  0.593492
no.term      0.00093325  0.00149506   0.6242  0.533164
maritime    -0.00461150  0.00705300  -0.6538  0.513936
quebec      -0.04667588  0.02082402  -2.2414  0.026048 *
west         0.00078100  0.00556348   0.1404  0.888496
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m12)

Call:
```

```
lm(formula = m5.4.1, data = data1[data1$parl12 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.85650 -0.00509  0.01950  0.03317  0.07783

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.959321   0.019639  48.848  < 2e-16 ***
government   0.009093   0.014017   0.649  0.51718
cabinet      0.012913   0.019212   0.672  0.50219
no.term      0.006044   0.004148   1.457  0.14657
maritime    -0.004726   0.017695  -0.267  0.78967
quebec      -0.043190   0.015400  -2.805  0.00549 **
west        -0.022649   0.017431  -1.299  0.19520
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.08568 on 219 degrees of freedom
Multiple R-squared:  0.06341,
  Adjusted R-squared:  0.03775
F-statistic: 2.471 on 6 and 219 DF,  p-value: 0.02473

> nobs(m12)
[1] 226
> mm12

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9593214  0.0183479 52.2850 < 2.2e-16 ***
government   0.0090934  0.0189868  0.4789  0.632467
cabinet      0.0129133  0.0199019  0.6488  0.517118
no.term      0.0060438  0.0022861  2.6438  0.008792 **
maritime    -0.0047258  0.0123705 -0.3820  0.702817
quebec      -0.0431904  0.0254101 -1.6997  0.090601 .
west        -0.0226489  0.0121617 -1.8623  0.063898 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m13)

Call:
lm(formula = m5.4.1, data = data1[data1$parl13 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.69242 -0.01326  0.01546  0.04296  0.10362

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.963273   0.024394  39.488   <2e-16 ***
government  -0.007406   0.022252  -0.333   0.7396
cabinet      0.027326   0.019181   1.425   0.1556
no.term     -0.005528   0.004013  -1.377   0.1697
maritime    -0.007742   0.020607  -0.376   0.7075
quebec       0.026935   0.024135   1.116   0.2656
west        -0.037371   0.016688  -2.239   0.0261 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09351 on 225 degrees of freedom
Multiple R-squared:  0.07144,
  Adjusted R-squared:  0.04668
F-statistic: 2.885 on 6 and 225 DF,  p-value: 0.009951

> nobs(m13)
[1] 232
> mm13

t test of coefficients:
```

```
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9632732  0.0259987 37.0508  < 2e-16 ***
government  -0.0074065  0.0223503 -0.3314  0.74066
cabinet      0.0273264  0.0198640  1.3757  0.17029
no.term     -0.0055279  0.0047305 -1.1686  0.24382
maritime    -0.0077416  0.0293246 -0.2640  0.79203
quebec       0.0269353  0.0185483  1.4522  0.14785
west        -0.0373709  0.0179064 -2.0870  0.03801 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m14)

Call:
lm(formula = m5.4.1, data = data1[data1$parl14 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.32528 -0.01596  0.00938  0.04012  0.09653

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.925843   0.011339  81.648  < 2e-16 ***
government  -0.017496   0.013493  -1.297  0.19648
cabinet      0.012252   0.015312   0.800  0.42472
no.term      0.005729   0.003097   1.850  0.06606 .
maritime    -0.010607   0.014422  -0.735  0.46306
quebec       0.045478   0.013902   3.271  0.00129 **
west        -0.015744   0.017824  -0.883  0.37831
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06248 on 172 degrees of freedom
Multiple R-squared:  0.1519,
  Adjusted R-squared:  0.1223
F-statistic: 5.136 on 6 and 172 DF,  p-value: 7.028e-05

> nobs(m14)
[1] 179
> mm14

t test of coefficients:

             Estimate Std. Error  t value Pr(>|t|)
(Intercept)  0.9258430  0.0090063 102.7999  < 2e-16 ***
government  -0.0174965  0.0146784  -1.1920  0.23491
cabinet      0.0122520  0.0122567   0.9996  0.31890
no.term      0.0057288  0.0022969   2.4942  0.01357 *
maritime    -0.0106069  0.0169535  -0.6256  0.53238
quebec       0.0454777  0.0144404   3.1493  0.00193 **
west        -0.0157437  0.0229191  -0.6869  0.49305
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m15)

Call:
lm(formula = m5.4.1, data = data1[data1$parl15 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.039540  0.000315  0.000604  0.000746  0.002231

Coefficients:
             Estimate Std. Error  t value Pr(>|t|)
(Intercept)  9.992e-01  6.038e-04 1654.868   <2e-16 ***
government   1.523e-03  7.065e-04    2.155   0.0323 *
cabinet      2.953e-04  8.564e-04    0.345   0.7306
no.term      5.208e-05  2.166e-04    0.241   0.8102
maritime     4.114e-04  8.416e-04    0.489   0.6255
```

```
quebec      -1.433e-03  8.787e-04   -1.631   0.1043
west        -9.186e-05  7.790e-04   -0.118   0.9062
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.003838 on 203 degrees of freedom
Multiple R-squared:  0.02881,
  Adjusted R-squared:  0.0001005
F-statistic: 1.003 on 6 and 203 DF,  p-value: 0.4241

> nobs(m15)
[1] 210
> mm15

t test of coefficients:

               Estimate  Std. Error   t value Pr(>|t|)
(Intercept)  9.9915e-01  7.2267e-04 1382.5747   <2e-16 ***
government   1.5228e-03  1.2957e-03    1.1753   0.2413
cabinet      2.9532e-04  3.0003e-04    0.9843   0.3261
no.term      5.2084e-05  1.1097e-04    0.4694   0.6393
maritime     4.1138e-04  5.2897e-04    0.7777   0.4377
quebec      -1.4335e-03  1.6567e-03   -0.8653   0.3879
west        -9.1855e-05  6.7755e-04   -0.1356   0.8923
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m16)

Call:
lm(formula = m5.4.1, data = data1[data1$parl16 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.27868 -0.02433  0.01205  0.03721  0.17300

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9594980  0.0135834  70.638  < 2e-16 ***
government  -0.0647953  0.0129053  -5.021 1.08e-06 ***
cabinet      0.0006359  0.0193050   0.033    0.974
no.term     -0.0035015  0.0038847  -0.901    0.368
maritime     0.0139118  0.0161328   0.862    0.389
quebec       0.0790384  0.0156655   5.045 9.59e-07 ***
west        -0.0606981  0.0142662  -4.255 3.12e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.07433 on 216 degrees of freedom
Multiple R-squared:  0.3237,
  Adjusted R-squared:  0.3049
F-statistic: 17.23 on 6 and 216 DF,  p-value: 2.938e-16

> nobs(m16)
[1] 223
> mm16

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.95949801  0.01318273 72.7844 < 2.2e-16 ***
government  -0.06479534  0.01596135 -4.0595 6.876e-05 ***
cabinet      0.00063592  0.02286109  0.0278  0.977834
no.term     -0.00350152  0.00319870 -1.0947  0.274881
maritime     0.01391178  0.01295998  1.0734  0.284271
quebec       0.07903837  0.01720439  4.5941 7.385e-06 ***
west        -0.06069811  0.01832816 -3.3117  0.001087 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m17)
```

```
Call:
lm(formula = m5.4.1, data = data1[data1$parl17 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.78809 -0.01035  0.00455  0.01684  0.06768

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.951378   0.010852  87.666  < 2e-16 ***
government   0.035753   0.008294   4.311 2.42e-05 ***
cabinet      0.005828   0.014017   0.416   0.6779
no.term      0.002829   0.002407   1.175   0.2411
maritime    -0.006796   0.012443  -0.546   0.5855
quebec      -0.003001   0.009811  -0.306   0.7599
west        -0.021882   0.010126  -2.161   0.0317 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.05781 on 228 degrees of freedom
Multiple R-squared:  0.1192,
  Adjusted R-squared:  0.09599
F-statistic: 5.141 on 6 and 228 DF,  p-value: 5.618e-05

> nobs(m17)
[1] 235
> mm17

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9513777  0.0123443 77.0703 < 2.2e-16 ***
government   0.0357535  0.0099586  3.5902 0.0004046 ***
cabinet      0.0058285  0.0042869  1.3596 0.1752934
no.term      0.0028289  0.0020944  1.3507 0.1781301
maritime    -0.0067962  0.0048765 -1.3936 0.1647810
quebec      -0.0030013  0.0051715 -0.5804 0.5622445
west        -0.0218819  0.0130488 -1.6769 0.0949281 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m18)

Call:
lm(formula = m5.4.1, data = data1[data1$parl18 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.215490 -0.006807  0.009518  0.013230  0.041768

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.981993   0.006029 162.870  < 2e-16 ***
government   0.007259   0.005690   1.276   0.2035
cabinet      0.013350   0.007963   1.676   0.0951 .
no.term      0.001231   0.001349   0.912   0.3626
maritime    -0.001023   0.006622  -0.154   0.8774
quebec      -0.003761   0.005312  -0.708   0.4797
west        -0.026223   0.005603  -4.680 5.13e-06 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02941 on 211 degrees of freedom
Multiple R-squared:  0.1241,
  Adjusted R-squared:  0.09917
F-statistic: 4.982 on 6 and 211 DF,  p-value: 8.563e-05

> nobs(m18)
[1] 218
> mm18
```

```
t test of coefficients:

              Estimate Std. Error  t value  Pr(>|t|)
(Intercept)  0.9819931  0.0071955 136.4732 < 2.2e-16 ***
government   0.0072588  0.0072860   0.9963 0.3202608
cabinet      0.0133502  0.0053409   2.4996 0.0131950 *
no.term      0.0012306  0.0013858   0.8880 0.3755387
maritime    -0.0010231  0.0036901  -0.2772 0.7818636
quebec      -0.0037609  0.0051875  -0.7250 0.4692599
west        -0.0262227  0.0077109  -3.4007 0.0008037 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m19)

Call:
lm(formula = m5.4.1, data = data1[data1$parl19 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.53966 -0.01414  0.00736  0.03319  0.17583

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.012770   0.019788  51.181  < 2e-16 ***
government   0.005706   0.017782   0.321  0.74862
cabinet      0.063299   0.020219   3.131  0.00199 **
no.term     -0.012918   0.004382  -2.948  0.00356 **
maritime    -0.016205   0.021462  -0.755  0.45108
quebec      -0.142638   0.016560  -8.613 1.78e-15 ***
west        -0.005358   0.016879  -0.317  0.75124
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0924 on 208 degrees of freedom
Multiple R-squared:  0.3494,
  Adjusted R-squared:  0.3306
F-statistic: 18.62 on 6 and 208 DF,  p-value: < 2.2e-16

> nobs(m19)
[1] 215
> mm19

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  1.0127702  0.0161188 62.8316 < 2.2e-16 ***
government   0.0057060  0.0068536  0.8326 0.4060455
cabinet      0.0632988  0.0186602  3.3922 0.0008299 ***
no.term     -0.0129177  0.0059147 -2.1840 0.0300794 *
maritime    -0.0162048  0.0073364 -2.2088 0.0282791 *
quebec      -0.1426379  0.0213951 -6.6668 2.308e-10 ***
west        -0.0053578  0.0059381 -0.9023 0.3679474
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m20)

Call:
lm(formula = m5.4.1, data = data1[data1$parl20 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.105559 -0.008260  0.004283  0.013109  0.037728

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.982345   0.003748 262.126  < 2e-16 ***
government   0.007683   0.004085   1.881  0.06154 .
cabinet      0.001089   0.004389   0.248  0.80431
```

```
no.term     -0.003205   0.001086  -2.950  0.00358 **
maritime    -0.006374   0.004984  -1.279  0.20249
quebec       0.001619   0.004513   0.359  0.72024
west        -0.007670   0.004670  -1.643  0.10215
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02197 on 187 degrees of freedom
Multiple R-squared:  0.09721,
  Adjusted R-squared:  0.06824
F-statistic: 3.356 on 6 and 187 DF,  p-value: 0.003649

> nobs(m20)
[1] 194
> mm20

t test of coefficients:

             Estimate Std. Error  t value Pr(>|t|)
(Intercept)  0.9823446  0.0051580 190.4490  < 2e-16 ***
government   0.0076833  0.0041227   1.8636  0.06394 .
cabinet      0.0010890  0.0051092   0.2131  0.83145
no.term     -0.0032050  0.0020699  -1.5484  0.12322
maritime    -0.0063738  0.0045677  -1.3954  0.16454
quebec       0.0016189  0.0047978   0.3374  0.73618
west        -0.0076704  0.0057317  -1.3383  0.18244
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m20)

Call:
lm(formula = m5.4.1, data = data1[data1$parl20 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.105559 -0.008260  0.004283  0.013109  0.037728

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.982345   0.003748 262.126  < 2e-16 ***
government   0.007683   0.004085   1.881  0.06154 .
cabinet      0.001089   0.004389   0.248  0.80431
no.term     -0.003205   0.001086  -2.950  0.00358 **
maritime    -0.006374   0.004984  -1.279  0.20249
quebec       0.001619   0.004513   0.359  0.72024
west        -0.007670   0.004670  -1.643  0.10215
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02197 on 187 degrees of freedom
Multiple R-squared:  0.09721,
  Adjusted R-squared:  0.06824
F-statistic: 3.356 on 6 and 187 DF,  p-value: 0.003649

> nobs(m20)
[1] 194
> mm20

t test of coefficients:

             Estimate Std. Error  t value Pr(>|t|)
(Intercept)  0.9823446  0.0051580 190.4490  < 2e-16 ***
government   0.0076833  0.0041227   1.8636  0.06394 .
cabinet      0.0010890  0.0051092   0.2131  0.83145
no.term     -0.0032050  0.0020699  -1.5484  0.12322
maritime    -0.0063738  0.0045677  -1.3954  0.16454
quebec       0.0016189  0.0047978   0.3374  0.73618
west        -0.0076704  0.0057317  -1.3383  0.18244
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m21)

Call:
lm(formula = m5.4.1, data = data1[data1$parl21 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.126078 -0.003504  0.003345  0.008459  0.019351

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9930432  0.0031008 320.253  < 2e-16 ***
government   0.0023877  0.0026680   0.895  0.37171
cabinet      0.0077234  0.0030193   2.558  0.01114 *
no.term     -0.0012858  0.0006978  -1.843  0.06661 .
maritime    -0.0007736  0.0031375  -0.247  0.80546
quebec      -0.0013178  0.0026413  -0.499  0.61829
west        -0.0083525  0.0028173  -2.965  0.00333 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01583 on 241 degrees of freedom
Multiple R-squared:  0.07397,
  Adjusted R-squared:  0.05092
F-statistic: 3.209 on 6 and 241 DF,  p-value: 0.004752

> nobs(m21)
[1] 248
> mm21

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.99304316  0.00271126 366.2667 < 2.2e-16 ***
government   0.00238769  0.00258251   0.9246 0.3561187
cabinet      0.00772337  0.00213227   3.6221 0.0003562 ***
no.term     -0.00128578  0.00073948  -1.7388 0.0833529 .
maritime    -0.00077358  0.00252441  -0.3064 0.7595351
quebec      -0.00131781  0.00209548  -0.6289 0.5300224
west        -0.00835252  0.00354116  -2.3587 0.0191383 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m22)

Call:
lm(formula = m5.4.1, data = data1[data1$parl22 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.212571 -0.001651  0.003522  0.005682  0.022787

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9817110  0.0037249 263.553  < 2e-16 ***
government   0.0133967  0.0033673   3.979 9.39e-05 ***
cabinet      0.0044852  0.0038935   1.152  0.25057
no.term      0.0006119  0.0008772   0.698  0.48615
maritime     0.0007580  0.0041230   0.184  0.85431
quebec      -0.0014021  0.0033287  -0.421  0.67400
west        -0.0114357  0.0039400  -2.902  0.00408 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01971 on 222 degrees of freedom
Multiple R-squared:  0.1281,
  Adjusted R-squared:  0.1045
F-statistic: 5.435 on 6 and 222 DF,  p-value: 2.898e-05

> nobs(m22)
```

```
[1] 229
> mm22

t test of coefficients:

              Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.98171105  0.00446116 220.0573 < 2.2e-16 ***
government   0.01339673  0.00554515   2.4159  0.016504 *
cabinet      0.00448524  0.00169159   2.6515  0.008591 **
no.term      0.00061194  0.00067538   0.9061  0.365886
maritime     0.00075798  0.00241619   0.3137  0.754037
quebec      -0.00140211  0.00320946  -0.4369  0.662631
west        -0.01143567  0.00741807  -1.5416  0.124596
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m23)

Call:
lm(formula = m5.4.1, data = data1[data1$parl23 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.140591  0.001389  0.008890  0.014110  0.046459

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.954871   0.010349  92.266  < 2e-16 ***
government   0.034942   0.008678   4.026 9.75e-05 ***
cabinet      0.003610   0.008217   0.439    0.661
no.term      0.001297   0.002126   0.610    0.543
maritime    -0.001286   0.008216  -0.157    0.876
quebec       0.016190   0.008924   1.814    0.072 .
west        -0.005220   0.008322  -0.627    0.532
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.03361 on 125 degrees of freedom
Multiple R-squared:  0.1635,
  Adjusted R-squared:  0.1233
F-statistic: 4.071 on 6 and 125 DF,  p-value: 0.0009181

> nobs(m23)
[1] 132
> mm23

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9548706  0.0149267 63.9705 < 2.2e-16 ***
government   0.0349424  0.0131780  2.6516  0.009049 **
cabinet      0.0036103  0.0058831  0.6137  0.540547
no.term      0.0012970  0.0029115  0.4455  0.656742
maritime    -0.0012863  0.0087115 -0.1477  0.882853
quebec       0.0161903  0.0088581  1.8277  0.069974 .
west        -0.0052203  0.0089799 -0.5813  0.562066
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m24)

Call:
lm(formula = m5.4.1, data = data1[data1$parl24 == 1, ])

Residuals:
       Min         1Q     Median         3Q        Max
-0.0233981  0.0002898  0.0005398  0.0006101  0.0061710

Coefficients:
             Estimate Std. Error  t value Pr(>|t|)
(Intercept)  0.9935950  0.0009714 1022.887  < 2e-16 ***
```

```
government   0.0053354  0.0007242    7.367 2.35e-12 ***
cabinet     -0.0003202  0.0006981   -0.459    0.647
no.term      0.0002340  0.0001779    1.315    0.190
maritime     0.0000397  0.0008008    0.050    0.961
quebec       0.0002958  0.0006583    0.449    0.654
west         0.0003117  0.0006736    0.463    0.644
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.003947 on 258 degrees of freedom
Multiple R-squared:  0.2086,
  Adjusted R-squared:  0.1902
F-statistic: 11.33 on 6 and 258 DF,  p-value: 3.073e-11

> nobs(m24)
[1] 265
> mm24

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  9.9360e-01  1.6682e-03 595.6206 < 2.2e-16 ***
government   5.3354e-03  1.2326e-03   4.3288 2.147e-05 ***
cabinet     -3.2023e-04  4.8041e-04  -0.6666    0.5056
no.term      2.3399e-04  2.1278e-04   1.0996    0.2725
maritime     3.9698e-05  7.6254e-04   0.0521    0.9585
quebec       2.9575e-04  8.8569e-04   0.3339    0.7387
west         3.1172e-04  5.1566e-04   0.6045    0.5460
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m25)

Call:
lm(formula = m5.4.1, data = data1[data1$parl25 == 1, ])

Residuals:
       Min         1Q     Median         3Q        Max
-1.503e-15 -5.980e-16 -1.500e-17  1.190e-16  6.498e-14

Coefficients:
              Estimate Std. Error    t value Pr(>|t|)
(Intercept)  1.000e+00  8.012e-16  1.248e+15   <2e-16 ***
government   4.500e-16  8.029e-16  5.600e-01    0.576
cabinet     -6.139e-16  1.015e-15 -6.050e-01    0.546
no.term     -4.488e-17  1.915e-16 -2.340e-01    0.815
maritime     5.196e-18  1.018e-15  5.000e-03    0.996
quebec       4.783e-17  8.921e-16  5.400e-02    0.957
west         1.086e-15  9.012e-16  1.206e+00    0.229
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 4.693e-15 on 196 degrees of freedom
Multiple R-squared:  0.5002,
  Adjusted R-squared:  0.4849
F-statistic:  32.7 on 6 and 196 DF,  p-value: < 2.2e-16

> nobs(m25)
[1] 203
> mm25

t test of coefficients:

               Estimate  Std. Error     t value Pr(>|t|)
(Intercept)  1.0000e+00  5.1939e-17  1.9253e+16   <2e-16 ***
government   4.4999e-16  4.5771e-16  9.8310e-01   0.3268
cabinet     -6.1388e-16  6.2289e-16 -9.8550e-01   0.3256
no.term     -4.4883e-17  4.7245e-17 -9.5000e-01   0.3433
maritime     5.1959e-18  5.8290e-17  8.9100e-02   0.9291
quebec       4.7834e-17  6.5464e-17  7.3070e-01   0.4658
west         1.0865e-15  1.0937e-15  9.9340e-01   0.3217
```

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

> summary(m26)

Call:
lm(formula = m5.4.1, data = data1[data1$parl26 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.304957 -0.006258  0.003670  0.017769  0.028195

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9723878  0.0064558 150.622  < 2e-16 ***
government   0.0303598  0.0054760   5.544 8.42e-08 ***
cabinet     -0.0007599  0.0058756  -0.129    0.897
no.term      0.0017525  0.0011952   1.466    0.144
maritime    -0.0003926  0.0063619  -0.062    0.951
quebec      -0.0240217  0.0054476  -4.410 1.62e-05 ***
west         0.0074489  0.0059391   1.254    0.211
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.03091 on 220 degrees of freedom
Multiple R-squared:  0.1966,
  Adjusted R-squared:  0.1747
F-statistic: 8.973 on 6 and 220 DF,  p-value: 9.021e-09

> nobs(m26)
[1] 227
> mm26

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.97238779  0.00955894 101.7255 < 2.2e-16 ***
government   0.03035977  0.00945397   3.2113  0.001519 **
cabinet     -0.00075991  0.00329832  -0.2304  0.818001
no.term      0.00175253  0.00135218   1.2961  0.196306
maritime    -0.00039261  0.00351222  -0.1118  0.911096
quebec      -0.02402172  0.00823924  -2.9155  0.003918 **
west         0.00744887  0.00536535   1.3883  0.166441
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m27)

Call:
lm(formula = m5.4.1, data = data1[data1$parl27 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.40819 -0.00839  0.00966  0.02403  0.04887

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.952788   0.009727  97.949   <2e-16 ***
government   0.017492   0.007762   2.253   0.0252 *
cabinet      0.005824   0.008340   0.698   0.4857
no.term      0.002726   0.001712   1.593   0.1126
maritime    -0.008862   0.009187  -0.965   0.3358
quebec      -0.013095   0.007931  -1.651   0.1001
west        -0.004379   0.008595  -0.509   0.6109
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.04478 on 230 degrees of freedom
Multiple R-squared:  0.06026,
  Adjusted R-squared:  0.03575
F-statistic: 2.458 on 6 and 230 DF,  p-value: 0.02529
```

```
> nobs(m27)
[1] 237
> mm27

t test of coefficients:

             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9527876  0.0126685 75.2090  < 2e-16 ***
government   0.0174921  0.0085026  2.0573  0.04079 *
cabinet      0.0058236  0.0049326  1.1806  0.23897
no.term      0.0027261  0.0022847  1.1932  0.23402
maritime    -0.0088619  0.0125235 -0.7076  0.47989
quebec      -0.0130954  0.0063119 -2.0747  0.03913 *
west        -0.0043789  0.0069130 -0.6334  0.52708
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m28)

Call:
lm(formula = m5.4.1, data = data1[data1$parl28 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.070259  0.000261  0.000883  0.001399  0.016420

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.865e-01  2.091e-03 471.810  < 2e-16 ***
government   1.241e-02  1.811e-03   6.854 6.86e-11 ***
cabinet      4.421e-05  1.465e-03   0.030    0.976
no.term      1.926e-04  3.210e-04   0.600    0.549
maritime    -3.127e-03  2.050e-03  -1.525    0.129
quebec      -5.160e-04  1.504e-03  -0.343    0.732
west        -4.596e-04  1.647e-03  -0.279    0.781
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.00894 on 224 degrees of freedom
Multiple R-squared:  0.3272,
  Adjusted R-squared:  0.3092
F-statistic: 18.15 on 6 and 224 DF,  p-value: < 2.2e-16

> nobs(m28)
[1] 231
> mm28

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  9.8651e-01  2.8433e-03 346.9550 < 2.2e-16 ***
government   1.2410e-02  2.3923e-03   5.1874 4.768e-07 ***
cabinet      4.4209e-05  6.0301e-04   0.0733    0.9416
no.term      1.9259e-04  3.7511e-04   0.5134    0.6082
maritime    -3.1272e-03  3.2159e-03  -0.9724    0.3319
quebec      -5.1601e-04  8.1521e-04  -0.6330    0.5274
west        -4.5957e-04  1.3864e-03  -0.3315    0.7406
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m29)

Call:
lm(formula = m5.4.1, data = data1[data1$parl29 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.082200 -0.004443  0.005200  0.012892  0.025390

Coefficients:
```

```
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9788803  0.0033998 287.921  < 2e-16 ***
government   0.0160492  0.0042179   3.805 0.000186 ***
cabinet      0.0020833  0.0041861   0.498 0.619233
no.term     -0.0001291  0.0006956  -0.186 0.852996
maritime     0.0029885  0.0044971   0.665 0.507077
quebec      -0.0093561  0.0041304  -2.265 0.024528 *
west        -0.0033674  0.0039748  -0.847 0.397871
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02077 on 209 degrees of freedom
Multiple R-squared:  0.1257,
  Adjusted R-squared:  0.1006
F-statistic: 5.009 on 6 and 209 DF,  p-value: 8.083e-05

> nobs(m29)
[1] 216
> mm29

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.97888032  0.00422859 231.4909 < 2.2e-16 ***
government   0.01604915  0.00370639   4.3301 2.312e-05 ***
cabinet      0.00208335  0.00418045   0.4984    0.6188
no.term     -0.00012906  0.00079940  -0.1614    0.8719
maritime     0.00298850  0.00386798   0.7726    0.4406
quebec      -0.00935606  0.00339028  -2.7597    0.0063 **
west        -0.00336736  0.00392909  -0.8570    0.3924
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m30)

Call:
lm(formula = m5.4.1, data = data1[data1$parl30 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.104072 -0.004712  0.005335  0.009352  0.015367

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.868e-01  2.571e-03 383.792   <2e-16 ***
government   1.349e-03  3.235e-03   0.417   0.6769
cabinet      5.646e-03  2.855e-03   1.978   0.0491 *
no.term      6.143e-05  4.568e-04   0.135   0.8931
maritime    -2.190e-03  3.118e-03  -0.702   0.4832
quebec       6.199e-04  2.604e-03   0.238   0.8121
west         3.457e-03  2.670e-03   1.295   0.1966
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01518 on 249 degrees of freedom
Multiple R-squared:  0.04986,
  Adjusted R-squared:  0.02697
F-statistic: 2.178 on 6 and 249 DF,  p-value: 0.04569

> nobs(m30)
[1] 256
> mm30

t test of coefficients:

               Estimate  Std. Error  t value Pr(>|t|)
(Intercept)  9.8676e-01  3.5623e-03 277.0010  < 2e-16 ***
government   1.3495e-03  4.2375e-03   0.3185  0.75040
cabinet      5.6460e-03  2.7888e-03   2.0245  0.04398 *
no.term      6.1434e-05  4.4382e-04   0.1384  0.89002
maritime    -2.1895e-03  3.6327e-03  -0.6027  0.54724
```

```
quebec       6.1991e-04  2.1320e-03   0.2908  0.77148
west         3.4569e-03  3.3384e-03   1.0355  0.30143
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> #summary(m31)
> #nobs(m31)
> #mm31
> summary(m32)

Call:
lm(formula = m5.4.1, data = data1[data1$parl32 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.060902  0.000093  0.000616  0.001813  0.002998

Coefficients:
             Estimate Std. Error  t value Pr(>|t|)
(Intercept) 9.970e-01  8.604e-04 1158.718   <2e-16 ***
government  2.813e-04  1.109e-03    0.254   0.7999
cabinet     1.938e-03  9.813e-04    1.975   0.0493 *
no.term     2.314e-05  1.487e-04    0.156   0.8764
maritime    4.536e-04  9.704e-04    0.467   0.6406
quebec      6.150e-04  8.285e-04    0.742   0.4586
west        1.161e-03  9.204e-04    1.262   0.2083
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.004806 on 249 degrees of freedom
Multiple R-squared:  0.04575,
  Adjusted R-squared:  0.02275
F-statistic: 1.989 on 6 and 249 DF,  p-value: 0.06772

> nobs(m32)
[1] 256
> mm32

t test of coefficients:

              Estimate Std. Error  t value  Pr(>|t|)
(Intercept) 9.9698e-01 1.2613e-03 790.4176 < 2.2e-16 ***
government  2.8128e-04 1.3037e-03   0.2158  0.829356
cabinet     1.9385e-03 6.9882e-04   2.7739  0.005957 **
no.term     2.3141e-05 7.9070e-05   0.2927  0.770025
maritime    4.5363e-04 9.2561e-04   0.4901  0.624501
quebec      6.1500e-04 4.8282e-04   1.2738  0.203929
west        1.1612e-03 1.3662e-03   0.8499  0.396179
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m33)

Call:
lm(formula = m5.4.1, data = data1[data1$parl33 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.43863 -0.00036  0.00440  0.00903  0.02163

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9926705  0.0076545 129.685   <2e-16 ***
government   0.0020218  0.0067143   0.301    0.764
cabinet     -0.0015207  0.0047912  -0.317    0.751
no.term     -0.0008042  0.0010502  -0.766    0.445
maritime     0.0031666  0.0071273   0.444    0.657
quebec      -0.0051938  0.0056302  -0.922    0.357
west        -0.0059533  0.0057653  -1.033    0.303
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
Residual standard error: 0.03402 on 245 degrees of freedom
Multiple R-squared:  0.01236,
  Adjusted R-squared:  -0.01182
F-statistic: 0.5112 on 6 and 245 DF,  p-value: 0.7997

> nobs(m33)
[1] 252
> mm33

t test of coefficients:

               Estimate  Std. Error  t value Pr(>|t|)
(Intercept)  0.99267049  0.00520073 190.8715  < 2e-16 ***
government   0.00202175  0.00514290   0.3931  0.69458
cabinet     -0.00152072  0.00451776  -0.3366  0.73670
no.term     -0.00080417  0.00080980  -0.9930  0.32167
maritime     0.00316664  0.00187552   1.6884  0.09261 .
quebec      -0.00519378  0.00379152  -1.3698  0.17199
west        -0.00595331  0.00684003  -0.8704  0.38495
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m34)

Call:
lm(formula = m5.4.1, data = data1[data1$parl34 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.71895 -0.00455  0.00239  0.01105  0.03065

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.955e-01  7.536e-03 132.105   <2e-16 ***
government  -9.790e-03  8.172e-03  -1.198   0.2321
cabinet      1.564e-02  7.628e-03   2.051   0.0414 *
no.term     -5.115e-05  1.631e-03  -0.031   0.9750
maritime    -2.621e-03  9.953e-03  -0.263   0.7925
quebec       3.248e-03  8.158e-03   0.398   0.6909
west        -1.606e-02  8.708e-03  -1.844   0.0665 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0485 on 240 degrees of freedom
Multiple R-squared:  0.03835,
  Adjusted R-squared:  0.01431
F-statistic: 1.595 on 6 and 240 DF,  p-value: 0.1491

> nobs(m34)
[1] 247
> mm34

t test of coefficients:

               Estimate  Std. Error  t value Pr(>|t|)
(Intercept)  9.9555e-01  1.8755e-03 530.8248  < 2e-16 ***
government  -9.7904e-03  9.2177e-03  -1.0621  0.28924
cabinet      1.5644e-02  1.1411e-02   1.3710  0.17165
no.term     -5.1154e-05  4.0814e-04  -0.1253  0.90036
maritime    -2.6205e-03  1.7257e-03  -1.5185  0.13020
quebec       3.2478e-03  1.8877e-03   1.7206  0.08662 .
west        -1.6055e-02  1.5313e-02  -1.0485  0.29548
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m35)

Call:
lm(formula = m5.4.1, data = data1[data1$parl35 == 1, ])
```

```
Residuals:
      Min        1Q    Median        3Q       Max
-0.104387 -0.004480  0.001759  0.007157  0.021008

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9890591  0.0138369  71.480  < 2e-16 ***
government  -0.0086888  0.0138043  -0.629    0.530
cabinet      0.0101252  0.0020707   4.890 2.26e-06 ***
no.term     -0.0005380  0.0005860  -0.918    0.360
maritime     0.0023880  0.0027356   0.873    0.384
quebec      -0.0003176  0.0032087  -0.099    0.921
west         0.0027085  0.0029594   0.915    0.361
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01356 on 176 degrees of freedom
Multiple R-squared:  0.1376,
  Adjusted R-squared:  0.1082
F-statistic: 4.681 on 6 and 176 DF,  p-value: 0.0001917

> nobs(m35)
[1] 183
> mm35

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.98905905  0.00251839 392.7350 < 2.2e-16 ***
government  -0.00868875  0.00246434  -3.5258 0.0005383 ***
cabinet      0.01012520  0.00192521   5.2593 4.161e-07 ***
no.term     -0.00053799  0.00074460  -0.7225 0.4709329
maritime     0.00238803  0.00265437   0.8997 0.3695316
quebec      -0.00031757  0.00245119  -0.1296 0.8970655
west         0.00270847  0.00185837   1.4574 0.1467758
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m36)

Call:
lm(formula = m5.4.1, data = data1[data1$parl36 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.076129 -0.001933  0.001939  0.004156  0.010895

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.926e-01  2.715e-03 365.605  < 2e-16 ***
government  -3.635e-03  2.714e-03  -1.339    0.182
cabinet      6.479e-03  1.483e-03   4.371 2.09e-05 ***
no.term      1.725e-04  4.451e-04   0.387    0.699
maritime    -7.340e-06  2.392e-03  -0.003    0.998
quebec       1.029e-03  1.774e-03   0.580    0.563
west         1.614e-03  2.230e-03   0.724    0.470
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.009004 on 180 degrees of freedom
Multiple R-squared:  0.1086,
  Adjusted R-squared:  0.0789
F-statistic: 3.655 on 6 and 180 DF,  p-value: 0.001894

> nobs(m36)
[1] 187
> mm36

t test of coefficients:

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

```
(Intercept)  9.9257e-01  1.8496e-03 536.6309 < 2.2e-16 ***
government  -3.6351e-03  2.1007e-03  -1.7304 0.0852639 .
cabinet      6.4794e-03  1.9353e-03   3.3479 0.0009914 ***
no.term      1.7246e-04  5.9206e-04   0.2913 0.7711718
maritime    -7.3402e-06  1.4276e-03  -0.0051 0.9959033
quebec       1.0288e-03  1.6243e-03   0.6334 0.5272950
west         1.6136e-03  1.6719e-03   0.9651 0.3357810
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m37)

Call:
lm(formula = m5.4.1, data = data1[data1$parl37 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.115186 -0.006399  0.008022  0.018600  0.044032

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9560936  0.0064488 148.260  < 2e-16 ***
government   0.0024893  0.0064262   0.387 0.698800
cabinet      0.0173885  0.0048108   3.614 0.000362 ***
no.term     -0.0001256  0.0011968  -0.105 0.916492
maritime     0.0052275  0.0058042   0.901 0.368623
quebec       0.0101912  0.0052397   1.945 0.052860 .
west         0.0202127  0.0055970   3.611 0.000366 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02815 on 258 degrees of freedom
Multiple R-squared:  0.1061,
  Adjusted R-squared:  0.0853
F-statistic: 5.103 on 6 and 258 DF,  p-value: 5.681e-05

> nobs(m37)
[1] 265
> mm37

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.95609357  0.00617920 154.7276 < 2.2e-16 ***
government   0.00248933  0.00708089   0.3516 0.7254584
cabinet      0.01738846  0.00537528   3.2349 0.0013757 **
no.term     -0.00012561  0.00066255  -0.1896 0.8497829
maritime     0.00522745  0.00523094   0.9993 0.3185695
quebec       0.01019125  0.00538332   1.8931 0.0594616 .
west         0.02021272  0.00532891   3.7930 0.0001854 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m38)

Call:
lm(formula = m5.4.1, data = data1[data1$parl38 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.119154 -0.007174  0.004081  0.016282  0.059584

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.990195   0.005250 188.601  < 2e-16 ***
government  -0.034775   0.005556  -6.259 1.91e-09 ***
cabinet      0.034646   0.004975   6.964 3.53e-11 ***
no.term     -0.003442   0.001357  -2.537   0.0118 *
maritime    -0.004191   0.005984  -0.700   0.4844
quebec       0.006190   0.006874   0.900   0.3688
west         0.006720   0.005021   1.338   0.1821
```

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

Residual standard error: 0.02821 on 227 degrees of freedom
Multiple R-squared:  0.2895,
  Adjusted R-squared:  0.2707
F-statistic: 15.41 on 6 and 227 DF,  p-value: 8.239e-15

> nobs(m38)
[1] 234
> mm38

t test of coefficients:

              Estimate Std. Error  t value  Pr(>|t|)
(Intercept)  0.9901949  0.0043331 228.5164 < 2.2e-16 ***
government  -0.0347754  0.0059602  -5.8346 1.846e-08 ***
cabinet      0.0346465  0.0068041   5.0920 7.439e-07 ***
no.term     -0.0034422  0.0015017  -2.2922   0.02281 *
maritime    -0.0041907  0.0063175  -0.6633   0.50778
quebec       0.0061898  0.0060932   1.0159   0.31077
west         0.0067202  0.0043402   1.5484   0.12292
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m39)

Call:
lm(formula = m5.4.1, data = data1[data1$parl39 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.056815 -0.003745  0.002087  0.005625  0.028969

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9762199  0.0026236 372.091  < 2e-16 ***
government   0.0181350  0.0023439   7.737 3.27e-13 ***
cabinet      0.0046211  0.0024102   1.917   0.0564 .
no.term     -0.0010378  0.0005892  -1.761   0.0795 .
maritime     0.0035687  0.0028773   1.240   0.2161
quebec       0.0072559  0.0030955   2.344   0.0199 *
west         0.0010583  0.0021683   0.488   0.6260
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01353 on 228 degrees of freedom
Multiple R-squared:  0.4055,
  Adjusted R-squared:  0.3899
F-statistic: 25.92 on 6 and 228 DF,  p-value: < 2.2e-16

> nobs(m39)
[1] 235
> mm39

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.97621992  0.00286473 340.7722 < 2.2e-16 ***
government   0.01813497  0.00244923   7.4044 2.528e-12 ***
cabinet      0.00462108  0.00122853   3.7615 0.0002148 ***
no.term     -0.00103780  0.00074266  -1.3974 0.1636502
maritime     0.00356867  0.00241143   1.4799 0.1402803
quebec       0.00725592  0.00277832   2.6116 0.0096096 **
west         0.00105830  0.00251697   0.4205 0.6745403
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m40)

Call:
```

```
lm(formula = m5.4.1, data = data1[data1$parl40 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.064005 -0.002674  0.001351  0.005590  0.020830

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9850921  0.0023612 417.206  < 2e-16 ***
government   0.0135423  0.0021437   6.317 1.52e-09 ***
cabinet      0.0022197  0.0019312   1.149  0.25167
no.term     -0.0015136  0.0004669  -3.241  0.00138 **
maritime     0.0030494  0.0025368   1.202  0.23068
quebec       0.0027751  0.0026989   1.028  0.30499
west         0.0004361  0.0018507   0.236  0.81394
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01137 on 214 degrees of freedom
Multiple R-squared:  0.3356,
  Adjusted R-squared:  0.317
F-statistic: 18.02 on 6 and 214 DF,  p-value: < 2.2e-16

> nobs(m40)
[1] 221
> mm40

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  0.98509215  0.00210587 467.7837 < 2.2e-16 ***
government   0.01354232  0.00238567   5.6765 4.441e-08 ***
cabinet      0.00221972  0.00092202   2.4074  0.016913 *
no.term     -0.00151356  0.00045395  -3.3342  0.001008 **
maritime     0.00304936  0.00282240   1.0804  0.281174
quebec       0.00277511  0.00291577   0.9518  0.342292
west         0.00043609  0.00192737   0.2263  0.821214
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

>
> ########################
> #5.4.2 Analysis Cohort#
> ########################
>
> m5.4.2 <- loyalty ~ government + cabinet + cohort + maritime + quebec + west
>
> #m1 <- lm(m5.4.2,data=data1[data1$parl1==1,],)
> m2 <- lm(m5.4.2,data=data1[data1$parl2==1,],)
> m3 <- lm(m5.4.2,data=data1[data1$parl3==1,],)
> m4 <- lm(m5.4.2,data=data1[data1$parl4==1,],)
> m5 <- lm(m5.4.2,data=data1[data1$parl5==1,],)
> m6 <- lm(m5.4.2,data=data1[data1$parl6==1,],)
> m7 <- lm(m5.4.2,data=data1[data1$parl7==1,],)
> m8 <- lm(m5.4.2,data=data1[data1$parl8==1,],)
> m9 <- lm(m5.4.2,data=data1[data1$parl9==1,],)
> m10 <- lm(m5.4.2,data=data1[data1$parl10==1,],)
> m11 <- lm(m5.4.2,data=data1[data1$parl11==1,],)
> m12 <- lm(m5.4.2,data=data1[data1$parl12==1,],)
> m13 <- lm(m5.4.2,data=data1[data1$parl13==1,],)
> m14 <- lm(m5.4.2,data=data1[data1$parl14==1,],)
> m15 <- lm(m5.4.2,data=data1[data1$parl15==1,],)
> m16 <- lm(m5.4.2,data=data1[data1$parl16==1,],)
> m17 <- lm(m5.4.2,data=data1[data1$parl17==1,],)
> m18 <- lm(m5.4.2,data=data1[data1$parl18==1,],)
> m19 <- lm(m5.4.2,data=data1[data1$parl19==1,],)
> m20 <- lm(m5.4.2,data=data1[data1$parl20==1,],)
> m21 <- lm(m5.4.2,data=data1[data1$parl21==1,],)
> m22 <- lm(m5.4.2,data=data1[data1$parl22==1,],)
> m23 <- lm(m5.4.2,data=data1[data1$parl23==1,],)
> m24 <- lm(m5.4.2,data=data1[data1$parl24==1,],)
```

```
> m25 <- lm(m5.4.2,data=data1[data1$parl25==1,],)
> m26 <- lm(m5.4.2,data=data1[data1$parl26==1,],)
> m27 <- lm(m5.4.2,data=data1[data1$parl27==1,],)
> m28 <- lm(m5.4.2,data=data1[data1$parl28==1,],)
> m29 <- lm(m5.4.2,data=data1[data1$parl29==1,],)
> m30 <- lm(m5.4.2,data=data1[data1$parl30==1,],)
> #m31 <- lm(m5.4.2,data=data1[data1$parl31==1,],)
> m32 <- lm(m5.4.2,data=data1[data1$parl32==1,],)
> m33 <- lm(m5.4.2,data=data1[data1$parl33==1,],)
> m34 <- lm(m5.4.2,data=data1[data1$parl34==1,],)
> m35 <- lm(m5.4.2,data=data1[data1$parl35==1,],)
> m36 <- lm(m5.4.2,data=data1[data1$parl36==1,],)
> m37 <- lm(m5.4.2,data=data1[data1$parl37==1,],)
> m38 <- lm(m5.4.2,data=data1[data1$parl38==1,],)
> m39 <- lm(m5.4.2,data=data1[data1$parl39==1,],)
> m40 <- lm(m5.4.2,data=data1[data1$parl40==1,],)
>
> #mm1 <- coeftest(m1, vcov = vcovHAC(m1))
> mm2 <- coeftest(m2, vcov = vcovHAC(m2))
> mm3 <- coeftest(m3, vcov = vcovHAC(m3))
> mm4 <- coeftest(m4, vcov = vcovHAC(m4))
> mm5 <- coeftest(m5, vcov = vcovHAC(m5))
> mm6 <- coeftest(m6, vcov = vcovHAC(m6))
> mm7 <- coeftest(m7, vcov = vcovHAC(m7))
> mm8 <- coeftest(m8, vcov = vcovHAC(m8))
> mm9 <- coeftest(m9, vcov = vcovHAC(m9))
> mm10 <- coeftest(m10, vcov = vcovHAC(m10))
> mm11 <- coeftest(m11, vcov = vcovHAC(m11))
> mm12 <- coeftest(m12, vcov = vcovHAC(m12))
> mm13 <- coeftest(m13, vcov = vcovHAC(m13))
> mm14 <- coeftest(m14, vcov = vcovHAC(m14))
> mm15 <- coeftest(m15, vcov = vcovHAC(m15))
> mm16 <- coeftest(m16, vcov = vcovHAC(m16))
> mm17 <- coeftest(m17, vcov = vcovHAC(m17))
> mm18 <- coeftest(m18, vcov = vcovHAC(m18))
> mm19 <- coeftest(m19, vcov = vcovHAC(m19))
> mm20 <- coeftest(m20, vcov = vcovHAC(m20))
> mm21 <- coeftest(m21, vcov = vcovHAC(m21))
> mm22 <- coeftest(m22, vcov = vcovHAC(m22))
> mm23 <- coeftest(m23, vcov = vcovHAC(m23))
> mm24 <- coeftest(m24, vcov = vcovHAC(m24))
> mm25 <- coeftest(m25, vcov = vcovHAC(m25))
> mm26 <- coeftest(m26, vcov = vcovHAC(m26))
> mm27 <- coeftest(m27, vcov = vcovHAC(m27))
> mm28 <- coeftest(m28, vcov = vcovHAC(m28))
> mm29 <- coeftest(m29, vcov = vcovHAC(m29))
> mm30 <- coeftest(m30, vcov = vcovHAC(m30))
> #mm31 <- coeftest(m31, vcov = vcovHAC(m31))
> mm32 <- coeftest(m32, vcov = vcovHAC(m32))
> mm33 <- coeftest(m33, vcov = vcovHAC(m33))
> mm34 <- coeftest(m34, vcov = vcovHAC(m34))
> mm35 <- coeftest(m35, vcov = vcovHAC(m35))
> mm36 <- coeftest(m36, vcov = vcovHAC(m36))
> mm37 <- coeftest(m37, vcov = vcovHAC(m37))
> mm38 <- coeftest(m38, vcov = vcovHAC(m38))
> mm39 <- coeftest(m39, vcov = vcovHAC(m39))
> mm40 <- coeftest(m40, vcov = vcovHAC(m40))
>
> #Graphic 5.2a
>
> #coef <- mm1[4,1]
> #se <- mm1[4,2]
> #conf1 <- coef + c(-1,1)*se*qt(0.975, m1$df.residual)
> #conf1 <- c(conf1,coef,"1st (1867-1872)")
> coef <- mm2[4,1]
> se <- mm2[4,2]
> conf2 <- coef + c(-1,1)*se*qt(0.975, m2$df.residual)
> conf2 <- c(conf2,coef,"2nd (1872-1874)")
> coef <- mm3[4,1]
> se <- mm3[4,2]
> conf3 <- coef + c(-1,1)*se*qt(0.975, m3$df.residual)
```

```
> conf3 <- c(conf3,coef,"3rd (1874-1878)")
> coef <- mm4[4,1]
> se <- mm4[4,2]
> conf4 <- coef + c(-1,1)*se*qt(0.975, m4$df.residual)
> conf4 <- c(conf4,coef,"4th (1879-1882)")
> coef <- mm5[4,1]
> se <- mm5[4,2]
> conf5 <- coef + c(-1,1)*se*qt(0.975, m5$df.residual)
> conf5 <- c(conf5,coef,"5th (1883-1887)")
> coef <- mm6[4,1]
> se <- mm6[4,2]
> conf6 <- coef + c(-1,1)*se*qt(0.975, m6$df.residual)
> conf6 <- c(conf6,coef,"6th (1887-1891)")
> coef <- mm7[4,1]
> se <- mm7[4,2]
> conf7 <- coef + c(-1,1)*se*qt(0.975, m7$df.residual)
> conf7 <- c(conf7,coef,"7th (1891-1896)")
> coef <- mm8[4,1]
> se <- mm8[4,2]
> conf8 <- coef + c(-1,1)*se*qt(0.975, m8$df.residual)
> conf8 <- c(conf8,coef,"8th (1896-1900)")
> coef <- mm9[4,1]
> se <- mm9[4,2]
> conf9 <- coef + c(-1,1)*se*qt(0.975, m9$df.residual)
> conf9 <- c(conf9,coef,"9th (1901-1904)")
> coef <- mm10[4,1]
> se <- mm10[4,2]
> conf10 <- coef + c(-1,1)*se*qt(0.975, m10$df.residual)
> conf10 <- c(conf10,coef,"10th (1905-1908)")
> coef <- mm11[4,1]
> se <- mm11[4,2]
> conf11 <- coef + c(-1,1)*se*qt(0.975, m11$df.residual)
> conf11 <- c(conf11,coef,"11th (1909-1911)")
> coef <- mm12[4,1]
> se <- mm12[4,2]
> conf12 <- coef + c(-1,1)*se*qt(0.975, m12$df.residual)
> conf12 <- c(conf12,coef,"12th (1911-1917)")
> coef <- mm13[4,1]
> se <- mm13[4,2]
> conf13 <- coef + c(-1,1)*se*qt(0.975, m13$df.residual)
> conf13 <- c(conf13,coef,"13th (1917-1921)")
> coef <- mm14[4,1]
> se <- mm14[4,2]
> conf14 <- coef + c(-1,1)*se*qt(0.975, m14$df.residual)
> conf14 <- c(conf14,coef,"14th (1921-1925)")
> coef <- mm15[4,1]
> se <- mm15[4,2]
> conf15 <- coef + c(-1,1)*se*qt(0.975, m15$df.residual)
> conf15 <- c(conf15,coef,"15th (1926)")
> coef <- mm16[4,1]
> se <- mm16[4,2]
> conf16 <- coef + c(-1,1)*se*qt(0.975, m16$df.residual)
> conf16 <- c(conf16,coef,"16th (1926-1930)")
> coef <- mm17[4,1]
> se <- mm17[4,2]
> conf17 <- coef + c(-1,1)*se*qt(0.975, m17$df.residual)
> conf17 <- c(conf17,coef,"17th (1930-1935)")
> coef <- mm18[4,1]
> se <- mm18[4,2]
> conf18 <- coef + c(-1,1)*se*qt(0.975, m18$df.residual)
> conf18 <- c(conf18,coef,"18th (1935-1940)")
> coef <- mm19[4,1]
> se <- mm19[4,2]
> conf19 <- coef + c(-1,1)*se*qt(0.975, m19$df.residual)
> conf19 <- c(conf19,coef,"19th (1940-1945)")
> coef <- mm20[4,1]
> se <- mm20[4,2]
> conf20 <- coef + c(-1,1)*se*qt(0.975, m20$df.residual)
> conf20 <- c(conf20,coef,"20th (1945-1949)")
> coef <- mm21[4,1]
> se <- mm21[4,2]
```

```
> conf21 <- coef + c(-1,1)*se*qt(0.975, m21$df.residual)
> conf21 <- c(conf21,coef,"21st (1949-1953)")
> coef <- mm22[4,1]
> se <- mm22[4,2]
> conf22 <- coef + c(-1,1)*se*qt(0.975, m22$df.residual)
> conf22 <- c(conf22,coef,"22nd (1953-1957)")
> coef <- mm23[4,1]
> se <- mm23[4,2]
> conf23 <- coef + c(-1,1)*se*qt(0.975, m23$df.residual)
> conf23 <- c(conf23,coef,"23rd (1957-1958)")
> coef <- mm24[4,1]
> se <- mm24[4,2]
> conf24 <- coef + c(-1,1)*se*qt(0.975, m24$df.residual)
> conf24 <- c(conf24,coef,"24th (1958-1962)")
> coef <- mm25[4,1]
> se <- mm25[4,2]
> conf25 <- coef + c(-1,1)*se*qt(0.975, m25$df.residual)
> conf25 <- c(conf25,coef,"25th (1962-1963)")
> coef <- mm26[4,1]
> se <- mm26[4,2]
> conf26 <- coef + c(-1,1)*se*qt(0.975, m26$df.residual)
> conf26 <- c(conf26,coef,"26th (1963-1965)")
> coef <- mm27[4,1]
> se <- mm27[4,2]
> conf27 <- coef + c(-1,1)*se*qt(0.975, m27$df.residual)
> conf27 <- c(conf27,coef,"27th (1965-1968)")
> coef <- mm28[4,1]
> se <- mm28[4,2]
> conf28 <- coef + c(-1,1)*se*qt(0.975, m28$df.residual)
> conf28 <- c(conf28,coef,"28th (1968-1972)")
> coef <- mm29[4,1]
> se <- mm29[4,2]
> conf29 <- coef + c(-1,1)*se*qt(0.975, m29$df.residual)
> conf29 <- c(conf29,coef,"29th (1972-1974)")
> coef <- mm30[4,1]
> se <- mm30[4,2]
> conf30 <- coef + c(-1,1)*se*qt(0.975, m30$df.residual)
> conf30 <- c(conf30,coef,"30th (1974-1979)")
> #coef <- mm31[4,1]
> #se <- mm31[4,2]
> #conf31 <- coef + c(-1,1)*se*qt(0.975, m31$df.residual)
> #conf31 <- c(conf31,coef,"31th ()")
> coef <- mm32[4,1]
> se <- mm32[4,2]
> conf32 <- coef + c(-1,1)*se*qt(0.975, m32$df.residual)
> conf32 <- c(conf32,coef,"32nd (1980-1984)")
> coef <- mm33[4,1]
> se <- mm33[4,2]
> conf33 <- coef + c(-1,1)*se*qt(0.975, m33$df.residual)
> conf33 <- c(conf33,coef,"33rd (1984-1988)")
> coef <- mm34[4,1]
> se <- mm34[4,2]
> conf34 <- coef + c(-1,1)*se*qt(0.975, m34$df.residual)
> conf34 <- c(conf34,coef,"34th (1988-1993)")
> coef <- mm35[4,1]
> se <- mm35[4,2]
> conf35 <- coef + c(-1,1)*se*qt(0.975, m35$df.residual)
> conf35 <- c(conf35,coef,"35th (1994-1997)")
> coef <- mm36[4,1]
> se <- mm36[4,2]
> conf36 <- coef + c(-1,1)*se*qt(0.975, m36$df.residual)
> conf36 <- c(conf36,coef,"36th (1997-2000)")
> coef <- mm37[4,1]
> se <- mm37[4,2]
> conf37 <- coef + c(-1,1)*se*qt(0.975, m37$df.residual)
> conf37 <- c(conf37,coef,"37th (2001-2004)")
> coef <- mm38[4,1]
> se <- mm38[4,2]
> conf38 <- coef + c(-1,1)*se*qt(0.975, m38$df.residual)
> conf38 <- c(conf38,coef,"38th (2004-2005)")
> coef <- mm39[4,1]
```

```
> se <- mm39[4,2]
> conf39 <- coef + c(-1,1)*se*qt(0.975, m39$df.residual)
> conf39 <- c(conf39,coef,"39th (2006-2008)")
> coef <- mm30[4,1]
> se <- mm40[4,2]
> conf40 <- coef + c(-1,1)*se*qt(0.975, m40$df.residual)
> conf40 <- c(conf40,coef,"40th (2008-2011)")
>
> all <-
rbind(conf40,conf39,conf38,conf37,conf36,conf35,conf34,conf33,conf32,conf30,conf29,conf28,conf27,conf26,conf25,
conf24,conf23,conf22,conf21,conf20,conf19,conf18,conf17,conf16,conf15,conf14,conf13,conf12,conf11,conf10,conf9,
conf8,conf7,conf6,conf5,conf4,conf3,conf2)
>
> colnames(all) <- c("low","high","coef","V1")
> all <- data.frame(all)
> all$low <- as.numeric(as.character(all$low))
> all$high <- as.numeric(as.character(all$high))
> all$coef <- as.numeric(as.character(all$coef))
>
> #library(ggplot2)
> #tiff(file = "~/Dropbox/Canada-Manuscript/Figures-Final/Figure-5.4.2.jpg", width = 8, height = 8, units =
'in', res = 200)
> #ggplot(all, aes(V1,xx, ymin = low,ymax = high))+
> #  scale_x_discrete('Parliaments (1872-2011)',limits=all$V1) +
> #  scale_y_continuous('95% Confidence Intervals for the No. of Cohort',limits=c(-0.06,0.06)) +
> #  theme_bw() +
> #  geom_errorbar(aes(x = V1, y = coef),size=.3,width=.2) +
> #  geom_point(aes(x = V1, y = coef)) +
> #  geom_hline(yintercept=0) +
> #  coord_flip() +
> #  ggtitle("No. of Cohort") +
> #  theme(plot.title = element_text(hjust = .5,face="bold"))
> #dev.off()
>
> #Print results 5.4.1
>
> #summary(m1)
> #nobs(m1)
> #mm1
> summary(m2)

Call:
lm(formula = m5.4.2, data = data1[data1$parl2 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.63366 -0.07434  0.00947  0.09512  0.27947

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.862234   0.041192  20.932  < 2e-16 ***
government   0.109477   0.023502   4.658 6.29e-06 ***
cabinet      0.055579   0.054740   1.015 0.311350
cohort       0.008373   0.023551   0.356 0.722635
maritime    -0.239632   0.032176  -7.447 4.16e-12 ***
quebec      -0.150082   0.026145  -5.740 4.09e-08 ***
west        -0.231887   0.060200  -3.852 0.000164 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.152 on 175 degrees of freedom
Multiple R-squared:  0.3483,
  Adjusted R-squared:  0.3259
F-statistic: 15.59 on 6 and 175 DF,  p-value: 2.7e-14

> nobs(m2)
[1] 182
> mm2

t test of coefficients:
```

```
             Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.8622344  0.0421730 20.4452 < 2.2e-16 ***
government   0.1094766  0.0218992  4.9991 1.390e-06 ***
cabinet      0.0555794  0.0341861  1.6258   0.10579
cohort       0.0083726  0.0246161  0.3401   0.73417
maritime    -0.2396324  0.0442418 -5.4164 1.986e-07 ***
quebec      -0.1500818  0.0218191 -6.8785 1.032e-10 ***
west        -0.2318867  0.1139641 -2.0347   0.04339 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m3)

Call:
lm(formula = m5.4.2, data = data1[data1$parl3 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.58843 -0.04532  0.02551  0.07818  0.21549

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.79417    0.02906  27.329  < 2e-16 ***
government   0.07994    0.02005   3.986 9.37e-05 ***
cabinet      0.06464    0.03568   1.812   0.0715 .
cohort       0.01023    0.01128   0.906   0.3658
maritime    -0.03838    0.02546  -1.507   0.1333
quebec      -0.04887    0.02131  -2.293   0.0229 *
west        -0.19486    0.04892  -3.983 9.47e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1326 on 203 degrees of freedom
Multiple R-squared:  0.1872,
  Adjusted R-squared:  0.1632
F-statistic: 7.792 on 6 and 203 DF,  p-value: 1.476e-07

> nobs(m3)
[1] 210
> mm3

t test of coefficients:

             Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.794168   0.033589 23.6438 < 2.2e-16 ***
government   0.079936   0.023677  3.3761 0.0008809 ***
cabinet      0.064643   0.020815  3.1056 0.0021707 **
cohort       0.010227   0.011406  0.8966 0.3709762
maritime    -0.038385   0.028175 -1.3623 0.1745985
quebec      -0.048869   0.022223 -2.1990 0.0290053 *
west        -0.194857   0.053796 -3.6221 0.0003691 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m4)

Call:
lm(formula = m5.4.2, data = data1[data1$parl4 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.74475 -0.02174  0.00761  0.03911  0.23146

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.882952   0.022258  39.670   <2e-16 ***
government   0.039136   0.017321   2.259   0.0249 *
cabinet      0.026294   0.034283   0.767   0.4439
cohort       0.005995   0.006322   0.948   0.3441
maritime    -0.006433   0.020868  -0.308   0.7582
quebec      -0.002279   0.017713  -0.129   0.8977
```

```
west        -0.177527   0.034231  -5.186    5e-07 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.1114 on 212 degrees of freedom
Multiple R-squared:  0.1436,
  Adjusted R-squared:  0.1194
F-statistic: 5.926 on 6 and 212 DF,  p-value: 9.691e-06

> nobs(m4)
[1] 219
> mm4

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.8829520  0.0271302 32.5450  < 2e-16 ***
government   0.0391355  0.0219643  1.7818  0.07622 .
cabinet      0.0262942  0.0201294  1.3063  0.19288
cohort       0.0059948  0.0070520  0.8501  0.39623
maritime    -0.0064334  0.0141502 -0.4547  0.64982
quebec      -0.0022790  0.0135439 -0.1683  0.86653
west        -0.1775272  0.0951427 -1.8659  0.06344 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m5)

Call:
lm(formula = m5.4.2, data = data1[data1$parl5 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.67981 -0.01489  0.01982  0.03944  0.10237

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9313529  0.0192299  48.432   <2e-16 ***
government  -0.0152318  0.0138221  -1.102   0.2717
cabinet      0.0208989  0.0282411   0.740   0.4601
cohort       0.0001225  0.0042879   0.029   0.9772
maritime    -0.0325523  0.0162667  -2.001   0.0466 *
quebec      -0.0358245  0.0152609  -2.347   0.0198 *
west        -0.0515850  0.0300090  -1.719   0.0870 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09314 on 220 degrees of freedom
Multiple R-squared:  0.04954,
  Adjusted R-squared:  0.02362
F-statistic: 1.911 on 6 and 220 DF,  p-value: 0.08011

> nobs(m5)
[1] 227
> mm5

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.93135289  0.02081060 44.7538 < 2.2e-16 ***
government  -0.01523182  0.01679245 -0.9071  0.365366
cabinet      0.02089886  0.01575317  1.3266  0.186001
cohort       0.00012252  0.00454978  0.0269  0.978541
maritime    -0.03255226  0.02144029 -1.5183  0.130381
quebec      -0.03582451  0.01085569 -3.3001  0.001128 **
west        -0.05158501  0.03680435 -1.4016  0.162444
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m6)
```

```
Call:
lm(formula = m5.4.2, data = data1[data1$parl6 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.67346 -0.02190  0.01363  0.04694  0.14426

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.920598   0.021394  43.031  < 2e-16 ***
government  -0.011002   0.014513  -0.758    0.449
cabinet      0.042841   0.027863   1.538    0.126
cohort      -0.003668   0.004130  -0.888    0.375
maritime    -0.009217   0.017477  -0.527    0.599
quebec      -0.073493   0.015891  -4.625 6.53e-06 ***
west         0.020483   0.024125   0.849    0.397
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09554 on 211 degrees of freedom
Multiple R-squared:  0.1252,
  Adjusted R-squared:  0.1003
F-statistic: 5.034 on 6 and 211 DF,  p-value: 7.595e-05

> nobs(m6)
[1] 218
> mm6

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9205982  0.0154851 59.4506 < 2.2e-16 ***
government  -0.0110021  0.0173945 -0.6325  0.527743
cabinet      0.0428414  0.0146177  2.9308  0.003753 **
cohort      -0.0036682  0.0040006 -0.9169  0.360237
maritime    -0.0092168  0.0219433 -0.4200  0.674893
quebec      -0.0734929  0.0155110 -4.7381  3.96e-06 ***
west         0.0204834  0.0126626  1.6176  0.107236
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m7)

Call:
lm(formula = m5.4.2, data = data1[data1$parl7 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.85642 -0.01134  0.01823  0.03903  0.10948

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.977372   0.021485  45.491  < 2e-16 ***
government   0.023524   0.013420   1.753  0.08095 .
cabinet      0.006762   0.022046   0.307  0.75932
cohort      -0.005704   0.003442  -1.657  0.09886 .
maritime    -0.022213   0.016908  -1.314  0.19022
quebec      -0.046925   0.014763  -3.179  0.00168 **
west         0.002947   0.024337   0.121  0.90374
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09509 on 232 degrees of freedom
Multiple R-squared:  0.07618,
  Adjusted R-squared:  0.05229
F-statistic: 3.188 on 6 and 232 DF,  p-value: 0.005016

> nobs(m7)
[1] 239
> mm7
```

```
t test of coefficients:

             Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9773720  0.0130462 74.9162 < 2.2e-16 ***
government   0.0235238  0.0164234  1.4323  0.153395
cabinet      0.0067622  0.0099848  0.6772  0.498923
cohort      -0.0057041  0.0022770 -2.5051  0.012927 *
maritime    -0.0222132  0.0223518 -0.9938  0.321355
quebec      -0.0469254  0.0146528 -3.2025  0.001553 **
west         0.0029465  0.0106946  0.2755  0.783165
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m8)

Call:
lm(formula = m5.4.2, data = data1[data1$parl8 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.56495 -0.01943  0.01403  0.04346  0.16215

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.910049   0.022272  40.861  < 2e-16 ***
government   0.008635   0.012791   0.675   0.5004
cabinet      0.046927   0.022080   2.125   0.0348 *
cohort       0.003077   0.003137   0.981   0.3279
maritime    -0.025963   0.016041  -1.619   0.1071
quebec      -0.015634   0.013959  -1.120   0.2641
west        -0.090659   0.022125  -4.098 6.06e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.08189 on 200 degrees of freedom
Multiple R-squared:  0.1006,
  Adjusted R-squared:  0.07365
F-statistic:  3.73 on 6 and 200 DF,  p-value: 0.00154

> nobs(m8)
[1] 207
> mm8

t test of coefficients:

             Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9100485  0.0343337 26.5060 < 2.2e-16 ***
government   0.0086347  0.0124780  0.6920  0.489747
cabinet      0.0469269  0.0147023  3.1918  0.001642 **
cohort       0.0030768  0.0050330  0.6113  0.541679
maritime    -0.0259628  0.0236889 -1.0960  0.274400
quebec      -0.0156344  0.0096669 -1.6173  0.107388
west        -0.0906589  0.0282263 -3.2119  0.001537 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m9)

Call:
lm(formula = m5.4.2, data = data1[data1$parl9 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.75804 -0.01005  0.00980  0.02542  0.06499

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.925824   0.022932  40.372  < 2e-16 ***
government   0.039418   0.010528   3.744 0.000233 ***
cabinet      0.004884   0.017151   0.285 0.776096
cohort       0.002962   0.002826   1.048 0.295706
```

```
maritime     0.003711   0.012891   0.288 0.773739
quebec      -0.036545   0.011442  -3.194 0.001614 **
west        -0.008591   0.017166  -0.500 0.617269
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06528 on 215 degrees of freedom
Multiple R-squared:  0.1001,
  Adjusted R-squared:  0.07496
F-statistic: 3.985 on 6 and 215 DF,  p-value: 0.0008378

> nobs(m9)
[1] 222
> mm9

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9258240  0.0265956 34.8112  < 2e-16 ***
government   0.0394178  0.0187958  2.0972  0.03715 *
cabinet      0.0048840  0.0112306  0.4349  0.66408
cohort       0.0029621  0.0034395  0.8612  0.39009
maritime     0.0037108  0.0089951  0.4125  0.68036
quebec      -0.0365452  0.0199547 -1.8314  0.06842 .
west        -0.0085906  0.0131617 -0.6527  0.51465
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m10)

Call:
lm(formula = m5.4.2, data = data1[data1$parl10 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.80978 -0.00810  0.00926  0.03715  0.06309

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.972636   0.028146  34.556  < 2e-16 ***
government   0.045706   0.011574   3.949 0.000105 ***
cabinet      0.004797   0.019679   0.244 0.807647
cohort      -0.001477   0.003115  -0.474 0.635893
maritime    -0.007539   0.014555  -0.518 0.604974
quebec      -0.043683   0.012601  -3.467 0.000631 ***
west        -0.013296   0.016141  -0.824 0.410982
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.07468 on 225 degrees of freedom
Multiple R-squared:  0.09588,
  Adjusted R-squared:  0.07177
F-statistic: 3.977 on 6 and 225 DF,  p-value: 0.0008383

> nobs(m10)
[1] 232
> mm10

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9726364  0.0144198 67.4517  < 2e-16 ***
government   0.0457059  0.0181431  2.5192  0.01246 *
cabinet      0.0047969  0.0103759  0.4623  0.64431
cohort      -0.0014768  0.0018566 -0.7954  0.42721
maritime    -0.0075393  0.0076980 -0.9794  0.32844
quebec      -0.0436826  0.0209052 -2.0896  0.03778 *
west        -0.0132956  0.0092777 -1.4331  0.15322
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m11)

Call:
lm(formula = m5.4.2, data = data1[data1$parl11 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.85206 -0.00795 -0.00002  0.02061  0.08760

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9679238  0.0290464  33.323  < 2e-16 ***
government   0.0489129  0.0101239   4.831 2.62e-06 ***
cabinet     -0.0035034  0.0187625  -0.187    0.852
cohort      -0.0008888  0.0029308  -0.303    0.762
maritime    -0.0045931  0.0136145  -0.337    0.736
quebec      -0.0466400  0.0116691  -3.997 8.90e-05 ***
west         0.0008040  0.0136646   0.059    0.953
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06595 on 209 degrees of freedom
Multiple R-squared:  0.1418,
  Adjusted R-squared:  0.1171
F-statistic: 5.755 on 6 and 209 DF,  p-value: 1.457e-05

> nobs(m11)
[1] 216
> mm11

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.96792381  0.01764903 54.8429 < 2.2e-16 ***
government   0.04891289  0.01658802  2.9487  0.003554 **
cabinet     -0.00350345  0.00645528 -0.5427  0.587897
cohort      -0.00088877  0.00140298 -0.6335  0.527109
maritime    -0.00459310  0.00703634 -0.6528  0.514623
quebec      -0.04664002  0.02094217 -2.2271  0.027008 *
west         0.00080397  0.00558915  0.1438  0.885762
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m12)

Call:
lm(formula = m5.4.2, data = data1[data1$parl12 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.85632 -0.00552  0.02013  0.03378  0.07674

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.030645   0.039076  26.376  < 2e-16 ***
government   0.008457   0.013914   0.608  0.54392
cabinet      0.012616   0.019261   0.655  0.51315
cohort      -0.005403   0.003781  -1.429  0.15437
maritime    -0.004987   0.017684  -0.282  0.77820
quebec      -0.042540   0.015464  -2.751  0.00644 **
west        -0.022365   0.017483  -1.279  0.20216
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0857 on 219 degrees of freedom
Multiple R-squared:  0.06307,
  Adjusted R-squared:  0.03741
F-statistic: 2.457 on 6 and 219 DF,  p-value: 0.0255

> nobs(m12)
[1] 226
```

```
> mm12

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.0306450  0.0241432 42.6888  < 2e-16 ***
government   0.0084574  0.0187265  0.4516  0.65199
cabinet      0.0126165  0.0198764  0.6347  0.52626
cohort      -0.0054035  0.0020115 -2.6862  0.00778 **
maritime    -0.0049872  0.0127693 -0.3906  0.69650
quebec      -0.0425399  0.0255087 -1.6677  0.09681 .
west        -0.0223652  0.0121268 -1.8443  0.06649 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m13)

Call:
lm(formula = m5.4.2, data = data1[data1$parl13 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.68873 -0.01305  0.01564  0.04225  0.10198

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.892506   0.046320  19.268   <2e-16 ***
government  -0.008019   0.022289  -0.360   0.7194
cabinet      0.026868   0.019150   1.403   0.1620
cohort       0.005069   0.003676   1.379   0.1693
maritime    -0.008240   0.020613  -0.400   0.6897
quebec       0.025954   0.024163   1.074   0.2839
west        -0.037154   0.016657  -2.231   0.0267 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09351 on 225 degrees of freedom
Multiple R-squared:  0.07146,
  Adjusted R-squared:  0.0467
F-statistic: 2.886 on 6 and 225 DF,  p-value: 0.009934

> nobs(m13)
[1] 232
> mm13

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.8925063  0.0475814 18.7575  < 2e-16 ***
government  -0.0080191  0.0230003 -0.3487  0.72768
cabinet      0.0268675  0.0196638  1.3663  0.17319
cohort       0.0050690  0.0048152  1.0527  0.29360
maritime    -0.0082396  0.0292960 -0.2813  0.77877
quebec       0.0259540  0.0189162  1.3721  0.17141
west        -0.0371539  0.0179786 -2.0666  0.03992 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m14)

Call:
lm(formula = m5.4.2, data = data1[data1$parl14 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.32456 -0.01937  0.00953  0.03823  0.10066

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.019564   0.036328  28.065  < 2e-16 ***
government  -0.019927   0.013419  -1.485  0.13938
```

```
cabinet      0.011459   0.015148   0.756  0.45041
cohort      -0.006349   0.002701  -2.351  0.01986 *
maritime    -0.011408   0.014345  -0.795  0.42755
quebec       0.047463   0.013699   3.465  0.00067 ***
west        -0.013832   0.017763  -0.779  0.43723
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.06211 on 172 degrees of freedom
Multiple R-squared:  0.162,
  Adjusted R-squared:  0.1328
F-statistic: 5.541 on 6 and 172 DF,  p-value: 2.838e-05

> nobs(m14)
[1] 179
> mm14

t test of coefficients:

             Estimate Std. Error t value  Pr(>|t|)
(Intercept)  1.0195640  0.0302093 33.7500 < 2.2e-16 ***
government  -0.0199272  0.0149189 -1.3357 0.1834124
cabinet      0.0114589  0.0121799  0.9408 0.3481251
cohort      -0.0063490  0.0022173 -2.8634 0.0047130 **
maritime    -0.0114082  0.0164715 -0.6926 0.4894938
quebec       0.0474634  0.0139160  3.4107 0.0008075 ***
west        -0.0138316  0.0222663 -0.6212 0.5352981
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m15)

Call:
lm(formula = m5.4.2, data = data1[data1$parl15 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.036838 -0.000350  0.000199  0.000836  0.003820

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9907469  0.0026225 377.780  < 2e-16 ***
government   0.0011862  0.0006947   1.708  0.08923 .
cabinet      0.0013129  0.0008281   1.585  0.11442
cohort       0.0006036  0.0001836   3.288  0.00119 **
maritime     0.0001884  0.0008184   0.230  0.81813
quebec      -0.0006376  0.0008675  -0.735  0.46318
west        -0.0002235  0.0007556  -0.296  0.76766
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.00374 on 203 degrees of freedom
Multiple R-squared:  0.07766,
  Adjusted R-squared:  0.0504
F-statistic: 2.849 on 6 and 203 DF,  p-value: 0.011

> nobs(m15)
[1] 210
> mm15

t test of coefficients:

               Estimate  Std. Error  t value Pr(>|t|)
(Intercept)  0.99074686  0.00870270 113.8436   <2e-16 ***
government   0.00118623  0.00087142   1.3613   0.1749
cabinet      0.00131292  0.00114707   1.1446   0.2537
cohort       0.00060363  0.00060755   0.9936   0.3216
maritime     0.00018842  0.00058761   0.3207   0.7488
quebec      -0.00063765  0.00081981  -0.7778   0.4376
west        -0.00022354  0.00071319  -0.3134   0.7543
---
```

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

> summary(m16)

Call:
lm(formula = m5.4.2, data = data1[data1$parl16 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.27486 -0.02289  0.01158  0.03756  0.17308

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.886072   0.050691  17.480  < 2e-16 ***
government  -0.066802   0.013018  -5.131 6.39e-07 ***
cabinet      0.002407   0.019217   0.125    0.900
cohort       0.004504   0.003491   1.290    0.198
maritime     0.013637   0.016096   0.847    0.398
quebec       0.081701   0.015737   5.192 4.80e-07 ***
west        -0.059911   0.014264  -4.200 3.90e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.07418 on 216 degrees of freedom
Multiple R-squared:  0.3264,
  Adjusted R-squared:  0.3077
F-statistic: 17.44 on 6 and 216 DF,  p-value: < 2.2e-16

> nobs(m16)
[1] 223
> mm16

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.8860722  0.0450074 19.6872 < 2.2e-16 ***
government  -0.0668020  0.0164137 -4.0699 6.597e-05 ***
cabinet      0.0024071  0.0227027  0.1060   0.91566
cohort       0.0045041  0.0032018  1.4067   0.16095
maritime     0.0136372  0.0133871  1.0187   0.30949
quebec       0.0817011  0.0180095  4.5366 9.482e-06 ***
west        -0.0599115  0.0181957 -3.2926   0.00116 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m17)

Call:
lm(formula = m5.4.2, data = data1[data1$parl17 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.78888 -0.01035  0.00517  0.01648  0.06688

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.992201   0.032313  30.706  < 2e-16 ***
government   0.034688   0.008236   4.212 3.65e-05 ***
cabinet      0.006390   0.013991   0.457   0.6483
cohort      -0.002137   0.002056  -1.040   0.2996
maritime    -0.006902   0.012450  -0.554   0.5799
quebec      -0.003707   0.009822  -0.377   0.7062
west        -0.022757   0.010061  -2.262   0.0246 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.05785 on 228 degrees of freedom
Multiple R-squared:  0.118,
  Adjusted R-squared:  0.09481
F-statistic: 5.085 on 6 and 228 DF,  p-value: 6.408e-05
```

```
> nobs(m17)
[1] 235
> mm17

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9922010  0.0205644 48.2486 < 2.2e-16 ***
government   0.0346877  0.0093058  3.7275 0.0002439 ***
cabinet      0.0063898  0.0040990  1.5589 0.1204131
cohort      -0.0021370  0.0016591 -1.2880 0.1990345
maritime    -0.0069018  0.0048197 -1.4320 0.1535171
quebec      -0.0037070  0.0049588 -0.7476 0.4554927
west        -0.0227569  0.0135765 -1.6762 0.0950710 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m18)

Call:
lm(formula = m5.4.2, data = data1[data1$parl18 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.216185 -0.006414  0.009014  0.011687  0.040388

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9876605  0.0194525  50.773  < 2e-16 ***
government   0.0061091  0.0056954   1.073   0.2847
cabinet      0.0154277  0.0078845   1.957   0.0517 .
cohort      -0.0001546  0.0011562  -0.134   0.8937
maritime    -0.0014281  0.0066227  -0.216   0.8295
quebec      -0.0026730  0.0053417  -0.500   0.6173
west        -0.0254197  0.0056518  -4.498 1.13e-05 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02947 on 211 degrees of freedom
Multiple R-squared:  0.1207,
  Adjusted R-squared:  0.09569
F-statistic: 4.827 on 6 and 211 DF,  p-value: 0.0001222

> nobs(m18)
[1] 218
> mm18

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.98766048  0.02144931 46.0463 < 2.2e-16 ***
government   0.00610908  0.00764906  0.7987 0.4253793
cabinet      0.01542766  0.00583189  2.6454 0.0087737 **
cohort      -0.00015464  0.00141440 -0.1093 0.9130439
maritime    -0.00142811  0.00373539 -0.3823 0.7026108
quebec      -0.00267302  0.00544231 -0.4912 0.6238268
west        -0.02541970  0.00724644 -3.5079 0.0005519 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m19)

Call:
lm(formula = m5.4.2, data = data1[data1$parl19 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.54181 -0.01547  0.00714  0.03368  0.21419

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

```
(Intercept)  0.748312   0.069213  10.812  < 2e-16 ***
government   0.005694   0.017625   0.323 0.746964
cabinet      0.064184   0.020010   3.208 0.001550 **
cohort       0.013269   0.003873   3.426 0.000737 ***
maritime    -0.016070   0.021289  -0.755 0.451211
quebec      -0.140700   0.016471  -8.542  2.8e-15 ***
west        -0.002601   0.016803  -0.155 0.877143
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.09176 on 208 degrees of freedom
Multiple R-squared:  0.3584,
  Adjusted R-squared:  0.3399
F-statistic: 19.37 on 6 and 208 DF,  p-value: < 2.2e-16

> nobs(m19)
[1] 215
> mm19

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.7483118  0.0961730  7.7809 3.314e-13 ***
government   0.0056941  0.0068552  0.8306 0.4071382
cabinet      0.0641838  0.0189533  3.3864 0.0008466 ***
cohort       0.0132695  0.0055041  2.4109 0.0167845 *
maritime    -0.0160696  0.0074350 -2.1613 0.0318107 *
quebec      -0.1407001  0.0211860 -6.6412 2.665e-10 ***
west        -0.0026009  0.0057566 -0.4518 0.6518751
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m20)

Call:
lm(formula = m5.4.2, data = data1[data1$parl20 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.105688 -0.008388  0.004082  0.013125  0.040820

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.915242   0.019656  46.564  < 2e-16 ***
government   0.007309   0.004076   1.793  0.07456 .
cabinet      0.001355   0.004388   0.309  0.75788
cohort       0.003207   0.001040   3.084  0.00235 **
maritime    -0.006167   0.004965  -1.242  0.21576
quebec       0.001825   0.004499   0.406  0.68545
west        -0.007563   0.004660  -1.623  0.10633
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02193 on 187 degrees of freedom
Multiple R-squared:  0.1009,
  Adjusted R-squared:  0.07208
F-statistic: 3.499 on 6 and 187 DF,  p-value: 0.002653

> nobs(m20)
[1] 194
> mm20

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9152423  0.0381780 23.9730   <2e-16 ***
government   0.0073086  0.0041866  1.7457   0.0825 .
cabinet      0.0013547  0.0051552  0.2628   0.7930
cohort       0.0032068  0.0020175  1.5895   0.1136
maritime    -0.0061667  0.0042598 -1.4477   0.1494
quebec       0.0018249  0.0046661  0.3911   0.6962
```

```
west        -0.0075627  0.0059635 -1.2682   0.2063
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m20)

Call:
lm(formula = m5.4.2, data = data1[data1$parl20 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.105688 -0.008388  0.004082  0.013125  0.040820

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.915242   0.019656  46.564  < 2e-16 ***
government   0.007309   0.004076   1.793  0.07456 .
cabinet      0.001355   0.004388   0.309  0.75788
cohort       0.003207   0.001040   3.084  0.00235 **
maritime    -0.006167   0.004965  -1.242  0.21576
quebec       0.001825   0.004499   0.406  0.68545
west        -0.007563   0.004660  -1.623  0.10633
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02193 on 187 degrees of freedom
Multiple R-squared:  0.1009,
  Adjusted R-squared:  0.07208
F-statistic: 3.499 on 6 and 187 DF,  p-value: 0.002653

> nobs(m20)
[1] 194
> mm20

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9152423  0.0381780 23.9730   <2e-16 ***
government   0.0073086  0.0041866  1.7457   0.0825 .
cabinet      0.0013547  0.0051552  0.2628   0.7930
cohort       0.0032068  0.0020175  1.5895   0.1136
maritime    -0.0061667  0.0042598 -1.4477   0.1494
quebec       0.0018249  0.0046661  0.3911   0.6962
west        -0.0075627  0.0059635 -1.2682   0.2063
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m21)

Call:
lm(formula = m5.4.2, data = data1[data1$parl21 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.126299 -0.003455  0.003149  0.008462  0.018889

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9670906  0.0124756  77.519  < 2e-16 ***
government   0.0025184  0.0026574   0.948  0.34423
cabinet      0.0075753  0.0030051   2.521  0.01236 *
cohort       0.0011656  0.0006379   1.827  0.06892 .
maritime    -0.0004904  0.0031254  -0.157  0.87545
quebec      -0.0013828  0.0026421  -0.523  0.60121
west        -0.0083137  0.0028155  -2.953  0.00346 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01583 on 241 degrees of freedom
Multiple R-squared:  0.07376,
  Adjusted R-squared:  0.0507
```

```
F-statistic: 3.198 on 6 and 241 DF,  p-value: 0.004862

> nobs(m21)
[1] 248
> mm21

t test of coefficients:

              Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.96709056  0.01211964 79.7954 < 2.2e-16 ***
government   0.00251844  0.00256805  0.9807 0.3277334
cabinet      0.00757527  0.00209011  3.6243 0.0003534 ***
cohort       0.00116560  0.00061324  1.9007 0.0585324 .
maritime    -0.00049042  0.00255873 -0.1917 0.8481671
quebec      -0.00138276  0.00210203 -0.6578 0.5112816
west        -0.00831366  0.00357110 -2.3280 0.0207384 *
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m22)

Call:
lm(formula = m5.4.2, data = data1[data1$parl22 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.212557 -0.001628  0.003558  0.005692  0.022809

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9955959  0.0175584  56.702  < 2e-16 ***
government   0.0133898  0.0033660   3.978 9.41e-05 ***
cabinet      0.0045207  0.0038783   1.166  0.24500
cohort      -0.0006036  0.0008546  -0.706  0.48071
maritime     0.0007367  0.0041188   0.179  0.85820
quebec      -0.0013974  0.0033285  -0.420  0.67501
west        -0.0114336  0.0039400  -2.902  0.00408 **
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01971 on 222 degrees of freedom
Multiple R-squared:  0.1281,
  Adjusted R-squared:  0.1046
F-statistic: 5.437 on 6 and 222 DF,  p-value: 2.882e-05

> nobs(m22)
[1] 229
> mm22

t test of coefficients:

              Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.99559590  0.01226509 81.1732 < 2.2e-16 ***
government   0.01338981  0.00553642  2.4185  0.016391 *
cabinet      0.00452074  0.00165083  2.7385  0.006674 **
cohort      -0.00060365  0.00064628 -0.9340  0.351299
maritime     0.00073672  0.00240769  0.3060  0.759901
quebec      -0.00139745  0.00320038 -0.4367  0.662789
west        -0.01143364  0.00740894 -1.5432  0.124201
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m23)

Call:
lm(formula = m5.4.2, data = data1[data1$parl23 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.140697  0.001219  0.008997  0.014187  0.046533
```

```
Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.989712   0.043371  22.819  < 2e-16 ***
government   0.035303   0.008641   4.085 7.81e-05 ***
cabinet      0.003342   0.008204   0.407   0.6844
cohort      -0.001479   0.002076  -0.712   0.4775
maritime    -0.001258   0.008206  -0.153   0.8784
quebec       0.016185   0.008908   1.817   0.0716 .
west        -0.005190   0.008318  -0.624   0.5338
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0336 on 125 degrees of freedom
Multiple R-squared:  0.1644,
  Adjusted R-squared:  0.1243
F-statistic: 4.098 on 6 and 125 DF,  p-value: 0.0008669

> nobs(m23)
[1] 132
> mm23

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9897121  0.0598266 16.5430 < 2.2e-16 ***
government   0.0353029  0.0130219  2.7110  0.007651 **
cabinet      0.0033420  0.0059949  0.5575  0.578195
cohort      -0.0014788  0.0029086 -0.5084  0.612059
maritime    -0.0012576  0.0086036 -0.1462  0.884019
quebec       0.0161848  0.0092153  1.7563  0.081489 .
west        -0.0051904  0.0087632 -0.5923  0.554720
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m24)

Call:
lm(formula = m5.4.2, data = data1[data1$parl24 == 1, ])

Residuals:
       Min         1Q     Median         3Q        Max
-0.0233758  0.0002934  0.0005435  0.0006085  0.0061607

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.993e-01  3.690e-03 270.782  < 2e-16 ***
government   5.330e-03  7.237e-04   7.366 2.38e-12 ***
cabinet     -3.150e-04  6.975e-04  -0.452    0.652
cohort      -2.261e-04  1.734e-04  -1.304    0.193
maritime     3.633e-05  8.006e-04   0.045    0.964
quebec       2.867e-04  6.568e-04   0.437    0.663
west         3.107e-04  6.737e-04   0.461    0.645
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.003947 on 258 degrees of freedom
Multiple R-squared:  0.2085,
  Adjusted R-squared:  0.1901
F-statistic: 11.33 on 6 and 258 DF,  p-value: 3.113e-11

> nobs(m24)
[1] 265
> mm24

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  9.9927e-01  4.0749e-03 245.2262 < 2.2e-16 ***
government   5.3304e-03  1.2119e-03   4.3984 1.597e-05 ***
cabinet     -3.1505e-04  4.7488e-04  -0.6634    0.5076
cohort      -2.2611e-04  2.0291e-04  -1.1143    0.2662
```

```
maritime     3.6326e-05  7.5080e-04   0.0484    0.9614
quebec       2.8672e-04  8.7129e-04   0.3291    0.7424
west         3.1069e-04  5.1811e-04   0.5997    0.5493
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m25)

Call:
lm(formula = m5.4.2, data = data1[data1$parl25 == 1, ])

Residuals:
       Min         1Q     Median         3Q        Max
-1.509e-15 -5.930e-16 -2.300e-17  1.380e-16  6.497e-14

Coefficients:
             Estimate Std. Error    t value Pr(>|t|)
(Intercept)  1.000e+00  4.334e-15  2.307e+14   <2e-16 ***
government   4.421e-16  8.029e-16  5.510e-01    0.583
cabinet     -6.110e-16  1.012e-15 -6.040e-01    0.547
cohort       4.685e-17  1.842e-16  2.540e-01    0.800
maritime     3.160e-18  1.018e-15  3.000e-03    0.998
quebec       4.515e-17  8.924e-16  5.100e-02    0.960
west         1.089e-15  9.006e-16  1.209e+00    0.228
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 4.693e-15 on 196 degrees of freedom
Multiple R-squared:  0.5002,
  Adjusted R-squared:  0.4849
F-statistic:  32.7 on 6 and 196 DF,  p-value: < 2.2e-16

> nobs(m25)
[1] 203
> mm25

t test of coefficients:

               Estimate  Std. Error     t value Pr(>|t|)
(Intercept)  1.0000e+00  1.2417e-15  8.0533e+14   <2e-16 ***
government   4.4207e-16  4.4966e-16  9.8310e-01   0.3268
cabinet     -6.1096e-16  6.1991e-16 -9.8560e-01   0.3256
cohort       4.6851e-17  4.9036e-17  9.5540e-01   0.3405
maritime     3.1602e-18  5.8152e-17  5.4300e-02   0.9567
quebec       4.5148e-17  6.3773e-17  7.0790e-01   0.4798
west         1.0885e-15  1.0953e-15  9.9390e-01   0.3215
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m26)

Call:
lm(formula = m5.4.2, data = data1[data1$parl26 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.305650 -0.006160  0.003717  0.017862  0.028019

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.0136716  0.0269577  37.602  < 2e-16 ***
government   0.0298328  0.0054222   5.502 1.04e-07 ***
cabinet     -0.0004748  0.0058725  -0.081    0.936
cohort      -0.0014938  0.0011372  -1.314    0.190
maritime    -0.0004372  0.0063705  -0.069    0.945
quebec      -0.0240214  0.0054595  -4.400 1.69e-05 ***
west         0.0072266  0.0059350   1.218    0.225
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.03094 on 220 degrees of freedom
```

```
Multiple R-squared:  0.1951,
  Adjusted R-squared:  0.1731
F-statistic: 8.885 on 6 and 220 DF,  p-value: 1.097e-08

> nobs(m26)
[1] 227
> mm26

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  1.01367162  0.02496296 40.6070 < 2.2e-16 ***
government   0.02983282  0.00899537  3.3165  0.001066 **
cabinet     -0.00047477  0.00318128 -0.1492  0.881502
cohort      -0.00149379  0.00117748 -1.2686  0.205914
maritime    -0.00043715  0.00346416 -0.1262  0.899695
quebec      -0.02402142  0.00825374 -2.9104  0.003981 **
west         0.00722660  0.00521150  1.3867  0.166947
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m27)

Call:
lm(formula = m5.4.2, data = data1[data1$parl27 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.41019 -0.00843  0.00992  0.02396  0.04858

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.011441   0.039189  25.809   <2e-16 ***
government   0.017021   0.007780   2.188   0.0297 *
cabinet      0.006024   0.008416   0.716   0.4748
cohort      -0.002005   0.001616  -1.241   0.2160
maritime    -0.008661   0.009209  -0.940   0.3480
quebec      -0.013916   0.007929  -1.755   0.0806 .
west        -0.004236   0.008614  -0.492   0.6234
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.04488 on 230 degrees of freedom
Multiple R-squared:  0.05622,
  Adjusted R-squared:  0.0316
F-statistic: 2.283 on 6 and 230 DF,  p-value: 0.03679

> nobs(m27)
[1] 237
> mm27

t test of coefficients:

              Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.0114411  0.0473231 21.3731  < 2e-16 ***
government   0.0170207  0.0084954  2.0035  0.04629 *
cabinet      0.0060243  0.0050609  1.1904  0.23513
cohort      -0.0020048  0.0020742 -0.9665  0.33480
maritime    -0.0086606  0.0124424 -0.6961  0.48709
quebec      -0.0139155  0.0063157 -2.2033  0.02856 *
west        -0.0042356  0.0069815 -0.6067  0.54466
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m28)

Call:
lm(formula = m5.4.2, data = data1[data1$parl28 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
```

```
-0.070341  0.000334  0.000863  0.001364  0.016282

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.907e-01  7.437e-03 133.218  < 2e-16 ***
government   1.228e-02  1.791e-03   6.856 6.79e-11 ***
cabinet      9.045e-05  1.463e-03   0.062    0.951
cohort      -1.367e-04  2.985e-04  -0.458    0.647
maritime    -3.170e-03  2.048e-03  -1.548    0.123
quebec      -5.291e-04  1.504e-03  -0.352    0.725
west        -4.852e-04  1.648e-03  -0.294    0.769
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.008943 on 224 degrees of freedom
Multiple R-squared:  0.3267,
  Adjusted R-squared:  0.3087
F-statistic: 18.12 on 6 and 224 DF,  p-value: < 2.2e-16

> nobs(m28)
[1] 231
> mm28

t test of coefficients:

               Estimate  Std. Error  t value  Pr(>|t|)
(Intercept)  9.9071e-01  8.6081e-03 115.0910 < 2.2e-16 ***
government   1.2278e-02  2.1598e-03   5.6846 4.061e-08 ***
cabinet      9.0446e-05  6.0709e-04   0.1490    0.8817
cohort      -1.3666e-04  3.5685e-04  -0.3830    0.7021
maritime    -3.1701e-03  3.1696e-03  -1.0002    0.3183
quebec      -5.2914e-04  1.0093e-03  -0.5243    0.6006
west        -4.8519e-04  1.3172e-03  -0.3684    0.7130
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m29)

Call:
lm(formula = m5.4.2, data = data1[data1$parl29 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.082347 -0.004570  0.005123  0.012936  0.025738

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9727185  0.0179021  54.335  < 2e-16 ***
government   0.0159943  0.0042174   3.792 0.000195 ***
cabinet      0.0021313  0.0041747   0.511 0.610220
cohort       0.0002131  0.0006445   0.331 0.741209
maritime     0.0031056  0.0044946   0.691 0.490359
quebec      -0.0092678  0.0041373  -2.240 0.026140 *
west        -0.0033581  0.0039733  -0.845 0.398980
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02077 on 209 degrees of freedom
Multiple R-squared:  0.126,
  Adjusted R-squared:  0.101
F-statistic: 5.024 on 6 and 209 DF,  p-value: 7.822e-05

> nobs(m29)
[1] 216
> mm29

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.97271851  0.01961221 49.5976 < 2.2e-16 ***
government   0.01599425  0.00369274  4.3313 2.301e-05 ***
```

```
cabinet      0.00213129  0.00405697  0.5253  0.599904
cohort       0.00021312  0.00073683  0.2892  0.772688
maritime     0.00310560  0.00385976  0.8046  0.421958
quebec      -0.00926781  0.00345646 -2.6813  0.007919 **
west        -0.00335811  0.00399842 -0.8399  0.401947
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m30)

Call:
lm(formula = m5.4.2, data = data1[data1$parl30 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.104147 -0.004752  0.005408  0.009547  0.015285

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.865e-01  1.236e-02  79.812   <2e-16 ***
government   1.328e-03  3.236e-03   0.410   0.6818
cabinet      5.614e-03  2.853e-03   1.968   0.0502 .
cohort       1.751e-05  4.350e-04   0.040   0.9679
maritime    -2.105e-03  3.116e-03  -0.676   0.4999
quebec       6.797e-04  2.601e-03   0.261   0.7941
west         3.476e-03  2.670e-03   1.302   0.1941
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01518 on 249 degrees of freedom
Multiple R-squared:  0.0498,
  Adjusted R-squared:  0.0269
F-statistic: 2.175 on 6 and 249 DF,  p-value: 0.04597

> nobs(m30)
[1] 256
> mm30

t test of coefficients:

               Estimate  Std. Error t value Pr(>|t|)
(Intercept)  9.8645e-01  1.1595e-02 85.0733  < 2e-16 ***
government   1.3280e-03  4.3270e-03  0.3069  0.75917
cabinet      5.6139e-03  2.8896e-03  1.9428  0.05317 .
cohort       1.7513e-05  4.0961e-04  0.0428  0.96593
maritime    -2.1051e-03  3.6413e-03 -0.5781  0.56371
quebec       6.7968e-04  2.1379e-03  0.3179  0.75081
west         3.4760e-03  3.3253e-03  1.0453  0.29688
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> #summary(m31)
> #nobs(m31)
> #mm31
> summary(m32)

Call:
lm(formula = m5.4.2, data = data1[data1$parl32 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.060897  0.000100  0.000661  0.001802  0.002980

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.975e-01  4.174e-03 238.987   <2e-16 ***
government   2.830e-04  1.113e-03   0.254   0.7995
cabinet      1.926e-03  9.804e-04   1.965   0.0506 .
cohort      -1.572e-05  1.397e-04  -0.113   0.9105
maritime     4.555e-04  9.716e-04   0.469   0.6396
quebec       6.236e-04  8.251e-04   0.756   0.4505
```

```
west         1.162e-03  9.204e-04   1.263   0.2079
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.004806 on 249 degrees of freedom
Multiple R-squared:  0.0457,
  Adjusted R-squared:  0.02271
F-statistic: 1.987 on 6 and 249 DF,  p-value: 0.06801

> nobs(m32)
[1] 256
> mm32

t test of coefficients:

               Estimate  Std. Error  t value Pr(>|t|)
(Intercept)  9.9752e-01  2.8797e-03 346.3959  < 2e-16 ***
government   2.8299e-04  1.3145e-03   0.2153  0.82972
cabinet      1.9262e-03  6.7051e-04   2.8727  0.00442 **
cohort      -1.5725e-05  7.3173e-05  -0.2149  0.83002
maritime     4.5550e-04  9.5527e-04   0.4768  0.63390
quebec       6.2360e-04  4.8160e-04   1.2948  0.19657
west         1.1621e-03  1.3365e-03   0.8695  0.38541
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m33)

Call:
lm(formula = m5.4.2, data = data1[data1$parl33 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.43890 -0.00021  0.00447  0.00908  0.02038

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.970196   0.030366  31.950   <2e-16 ***
government   0.002368   0.006679   0.355    0.723
cabinet     -0.001711   0.004772  -0.358    0.720
cohort       0.000643   0.001004   0.641    0.522
maritime     0.003064   0.007126   0.430    0.668
quebec      -0.005044   0.005637  -0.895    0.372
west        -0.006028   0.005765  -1.046    0.297
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.03404 on 245 degrees of freedom
Multiple R-squared:  0.01166,
  Adjusted R-squared:  -0.01255
F-statistic: 0.4816 on 6 and 245 DF,  p-value: 0.8218

> nobs(m33)
[1] 252
> mm33

t test of coefficients:

               Estimate  Std. Error t value Pr(>|t|)
(Intercept)  0.97019639  0.02292704 42.3167  < 2e-16 ***
government   0.00236832  0.00516518  0.4585  0.64699
cabinet     -0.00171058  0.00463637 -0.3689  0.71249
cohort       0.00064304  0.00073149  0.8791  0.38022
maritime     0.00306413  0.00185272  1.6539  0.09944 .
quebec      -0.00504376  0.00381410 -1.3224  0.18727
west        -0.00602795  0.00685205 -0.8797  0.37987
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m34)
```

```
Call:
lm(formula = m5.4.2, data = data1[data1$parl34 == 1, ])

Residuals:
     Min       1Q   Median       3Q      Max
-0.71893 -0.00453  0.00239  0.01109  0.03042

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  9.954e-01  5.156e-02  19.307   <2e-16 ***
government  -9.795e-03  8.171e-03  -1.199   0.2318
cabinet      1.562e-02  7.622e-03   2.049   0.0415 *
cohort       2.225e-08  1.581e-03   0.000   1.0000
maritime    -2.628e-03  9.952e-03  -0.264   0.7920
quebec       3.286e-03  8.168e-03   0.402   0.6879
west        -1.605e-02  8.712e-03  -1.842   0.0667 .
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.0485 on 240 degrees of freedom
Multiple R-squared:  0.03835,
  Adjusted R-squared:  0.01431
F-statistic: 1.595 on 6 and 240 DF,  p-value: 0.1492

> nobs(m34)
[1] 247
> mm34

t test of coefficients:

               Estimate  Std. Error t value Pr(>|t|)
(Intercept)  9.9542e-01  1.4044e-02 70.8763  < 2e-16 ***
government  -9.7947e-03  9.0916e-03 -1.0773  0.28241
cabinet      1.5619e-02  1.1337e-02  1.3777  0.16957
cohort       2.2250e-08  4.0386e-04  0.0001  0.99996
maritime    -2.6282e-03  1.6617e-03 -1.5816  0.11506
quebec       3.2857e-03  1.8984e-03  1.7307  0.08479 .
west        -1.6050e-02  1.5157e-02 -1.0589  0.29069
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m35)

Call:
lm(formula = m5.4.2, data = data1[data1$parl35 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.105491 -0.004385  0.001775  0.007533  0.018879

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9844859  0.0230315  42.745  < 2e-16 ***
government  -0.0090768  0.0138333  -0.656    0.513
cabinet      0.0099803  0.0020747   4.810 3.22e-06 ***
cohort       0.0001186  0.0005222   0.227    0.821
maritime     0.0022719  0.0027398   0.829    0.408
quebec      -0.0006075  0.0032066  -0.189    0.850
west         0.0029339  0.0029554   0.993    0.322
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01359 on 176 degrees of freedom
Multiple R-squared:  0.1337,
  Adjusted R-squared:  0.1042
F-statistic: 4.529 on 6 and 176 DF,  p-value: 0.0002699

> nobs(m35)
[1] 183
> mm35
```

```
t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.98448592  0.01807227 54.4749 < 2.2e-16 ***
government  -0.00907680  0.00240679 -3.7713 0.0002216 ***
cabinet      0.00998027  0.00182573  5.4664 1.552e-07 ***
cohort       0.00011861  0.00049770  0.2383 0.8119185
maritime     0.00227192  0.00257469  0.8824 0.3787621
quebec      -0.00060755  0.00217794 -0.2790 0.7806062
west         0.00293392  0.00189089  1.5516 0.1225523
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m36)

Call:
lm(formula = m5.4.2, data = data1[data1$parl36 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.076072 -0.001889  0.001847  0.004170  0.010952

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  1.001e+00  1.449e-02  69.035  < 2e-16 ***
government  -3.632e-03  2.706e-03  -1.342    0.181
cabinet      6.461e-03  1.482e-03   4.359 2.19e-05 ***
cohort      -2.173e-04  4.041e-04  -0.538    0.591
maritime    -9.536e-06  2.391e-03  -0.004    0.997
quebec       1.027e-03  1.773e-03   0.579    0.563
west         1.558e-03  2.232e-03   0.698    0.486
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.009 on 180 degrees of freedom
Multiple R-squared:  0.1093,
  Adjusted R-squared:  0.07961
F-statistic: 3.681 on 6 and 180 DF,  p-value: 0.001787

> nobs(m36)
[1] 187
> mm36

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  1.0005e+00  1.7226e-02 58.0826 < 2.2e-16 ***
government  -3.6325e-03  2.2211e-03 -1.6354  0.103703
cabinet      6.4612e-03  1.9499e-03  3.3135  0.001114 **
cohort      -2.1732e-04  4.8738e-04 -0.4459  0.656211
maritime    -9.5359e-06  1.4689e-03 -0.0065  0.994827
quebec       1.0269e-03  1.6186e-03  0.6344  0.526613
west         1.5575e-03  1.7205e-03  0.9053  0.366529
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m37)

Call:
lm(formula = m5.4.2, data = data1[data1$parl37 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.115226 -0.006925  0.008027  0.018633  0.044702

Coefficients:
              Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.9662083  0.0381600  25.320  < 2e-16 ***
government   0.0022681  0.0064232   0.353 0.724295
cabinet      0.0173308  0.0048115   3.602 0.000379 ***
cohort      -0.0002949  0.0010656  -0.277 0.782224
```

```
maritime     0.0054289  0.0057810   0.939 0.348560
quebec       0.0104805  0.0052242   2.006 0.045885 *
west         0.0202761  0.0055891   3.628 0.000344 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02815 on 258 degrees of freedom
Multiple R-squared:  0.1063,
  Adjusted R-squared:  0.08554
F-statistic: 5.116 on 6 and 258 DF,  p-value: 5.52e-05

> nobs(m37)
[1] 265
> mm37

t test of coefficients:

               Estimate  Std. Error t value  Pr(>|t|)
(Intercept)  0.96620828  0.02130075 45.3603 < 2.2e-16 ***
government   0.00226810  0.00707765  0.3205 0.7488797
cabinet      0.01733082  0.00536758  3.2288 0.0014042 **
cohort      -0.00029486  0.00056767 -0.5194 0.6039104
maritime     0.00542894  0.00519456  1.0451 0.2969454
quebec       0.01048048  0.00540318  1.9397 0.0535077 .
west         0.02027611  0.00532068  3.8108 0.0001732 ***
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m38)

Call:
lm(formula = m5.4.2, data = data1[data1$parl38 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.120282 -0.007252  0.004390  0.015348  0.056717

Coefficients:
             Estimate Std. Error t value Pr(>|t|)
(Intercept)  0.916948   0.043794  20.938  < 2e-16 ***
government  -0.036008   0.005591  -6.440 7.03e-10 ***
cabinet      0.033610   0.004995   6.729 1.38e-10 ***
cohort       0.001796   0.001175   1.528    0.128
maritime    -0.003778   0.006036  -0.626    0.532
quebec       0.006471   0.006935   0.933    0.352
west         0.006019   0.005077   1.185    0.237
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.02846 on 227 degrees of freedom
Multiple R-squared:  0.2768,
  Adjusted R-squared:  0.2577
F-statistic: 14.48 on 6 and 227 DF,  p-value: 5.65e-14

> nobs(m38)
[1] 234
> mm38

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept)  0.9169479  0.0498009 18.4123 < 2.2e-16 ***
government  -0.0360080  0.0060840 -5.9185 1.189e-08 ***
cabinet      0.0336097  0.0069356  4.8460 2.335e-06 ***
cohort       0.0017964  0.0013549  1.3258    0.1862
maritime    -0.0037781  0.0063329 -0.5966    0.5514
quebec       0.0064712  0.0060335  1.0725    0.2846
west         0.0060187  0.0043153  1.3947    0.1645
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1
```

```
> summary(m39)

Call:
lm(formula = m5.4.2, data = data1[data1$parl39 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.053996 -0.003992  0.001897  0.005614  0.028904

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept) 0.9313974  0.0189234  49.219  < 2e-16 ***
government  0.0179899  0.0023082   7.794 2.29e-13 ***
cabinet     0.0046766  0.0024019   1.947   0.0528 .
cohort      0.0011343  0.0005198   2.182   0.0301 *
maritime    0.0035879  0.0028652   1.252   0.2118
quebec      0.0073586  0.0030830   2.387   0.0178 *
west        0.0009373  0.0021484   0.436   0.6631
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01348 on 228 degrees of freedom
Multiple R-squared:  0.4097,
  Adjusted R-squared:  0.3942
F-statistic: 26.38 on 6 and 228 DF,  p-value: < 2.2e-16

> nobs(m39)
[1] 235
> mm39

t test of coefficients:

              Estimate Std. Error t value  Pr(>|t|)
(Intercept) 0.93139737 0.02867793 32.4778 < 2.2e-16 ***
government  0.01798995 0.00235926  7.6252 6.536e-13 ***
cabinet     0.00467658 0.00123809  3.7772 0.0002024 ***
cohort      0.00113426 0.00076348  1.4856 0.1387548
maritime    0.00358787 0.00241349  1.4866 0.1385044
quebec      0.00735857 0.00281820  2.6111 0.0096243 **
west        0.00093727 0.00244824  0.3828 0.7022003
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

> summary(m40)

Call:
lm(formula = m5.4.2, data = data1[data1$parl40 == 1, ])

Residuals:
      Min        1Q    Median        3Q       Max
-0.064624 -0.002344  0.001436  0.005535  0.025110

Coefficients:
            Estimate Std. Error t value Pr(>|t|)
(Intercept) 0.9367347  0.0159275  58.813  < 2e-16 ***
government  0.0140534  0.0021431   6.557 4.04e-10 ***
cabinet     0.0021970  0.0019487   1.127  0.26084
cohort      0.0011488  0.0004264   2.694  0.00761 **
maritime    0.0030169  0.0025555   1.181  0.23908
quebec      0.0029106  0.0027177   1.071  0.28539
west        0.0001216  0.0018557   0.066  0.94780
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Residual standard error: 0.01145 on 214 degrees of freedom
Multiple R-squared:  0.3258,
  Adjusted R-squared:  0.3069
F-statistic: 17.24 on 6 and 214 DF,  p-value: 3.09e-16

> nobs(m40)
[1] 221
```

```
> mm40

t test of coefficients:

             Estimate Std. Error t value  Pr(>|t|)
(Intercept) 0.93673472 0.01762852 53.1374 < 2.2e-16 ***
government  0.01405345 0.00247744  5.6726 4.531e-08 ***
cabinet     0.00219702 0.00089182  2.4635  0.014547 *
cohort      0.00114885 0.00043742  2.6264  0.009252 **
maritime    0.00301695 0.00284258  1.0613  0.289731
quebec      0.00291056 0.00295449  0.9851  0.325672
west        0.00012164 0.00196339  0.0620  0.950659
---
Signif. codes:  0 ‘***’ 0.001 ‘**’ 0.01 ‘*’ 0.05 ‘.’ 0.1 ‘ ’ 1

>
>
```