Anchoring Analysis

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Results for Main Paper

Table 1

```
table(cces12[cces12$PrisonYears==1,]$anchor65)
```

```
##
##   0   1
## 117  99
```

```
table(cces12[cces12$LegTerms==1,]$anchor65)
```

```
##
##   0   1
## 113  87
```

```
table(cces12[cces12$UnempMonths==1,]$anchor65)
```

```
##
##   0   1
## 106  96
```

```r
table(cces12[cces12$ImmigYears==1,]$anchor65)
```

```
##
##  0  1
## 93 93
```

```r
table(cces12[cces12$IllegalYears==1,]$anchor65)
```

```
##
##   0   1
## 104  92
```

Figure 1

```r
ul<-quantile(cces12[which(cces12$PrisonYears==1),]$SNI303, .90, na.rm=TRUE)
py<-ggplot(cces12[which(cces12$PrisonYears==1),], aes(x = as.factor(anchor65), y = SNI30
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5, color="gray30") +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Prison Term for Murder\n(in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))
```

```
## Coordinate system already present. Adding new coordinate system, which will replace t
```

```
ul<-quantile(cces12[which(cces12$LegTerms==1),]$SNI303, .90, na.rm=TRUE)
lt<-ggplot(cces12[which(cces12$LegTerms==1),], aes(x = as.factor(anchor65), y = SNI303))
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5, color="gray30") +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Maximum Legislative Term\n(in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))
```

```
## Coordinate system already present. Adding new coordinate system, which will replace t
```

```
ul<-quantile(cces12[which(cces12$UnempMonths==1),]$SNI303, .90, na.rm=TRUE)
um<-ggplot(cces12[which(cces12$UnempMonths==1),], aes(x = as.factor(anchor65), y = SNI30
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5, color="gray30") +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Maximum Unemployment Benefits\n(in months)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))


ul<-quantile(cces12[which(cces12$ImmigYears==1),]$SNI303, .90, na.rm=TRUE)
dy<-ggplot(cces12[which(cces12$ImmigYears==1),], aes(x = as.factor(anchor65), y = SNI303
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5, color="gray30") +
  theme(legend.position = 'none') +
```

```
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Citizenship Waiting Period for\nDocumented Immigrants (in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))

ul<-quantile(cces12[which(cces12$IllegalYears==1),]$SNI303, .90, na.rm=TRUE)
udy<-ggplot(cces12[which(cces12$IllegalYears==1),], aes(x = as.factor(anchor65), y = SNI
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5, color="gray30") +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Citizenship Waiting Period for\nUndocumented Immigrants (in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))

tiff("Figure1.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(py, lt, um, dy, udy, nrow=2, ncol=3)
```

```
## Warning: Removed 9 rows containing non-finite values (stat_boxplot).

## Warning: Removed 9 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.

## Warning: Removed 2 rows containing non-finite values (stat_boxplot).

## Warning: Removed 2 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.

## notch went outside hinges. Try setting notch=FALSE.
```

```
## Warning: Removed 4 rows containing non-finite values (stat_boxplot).

## Warning: Removed 4 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.

## Warning: Removed 5 rows containing non-finite values (stat_boxplot).

## Warning: Removed 5 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.

## Warning: Removed 4 rows containing non-finite values (stat_boxplot).

## Warning: Removed 4 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.
```

```
dev.off()
```

```
## pdf
##   2
```

CCES 2012 Irrelevant Anchors Bayes Factors

```
prisonBF<-cces12[cces12$PrisonYears==1,] %>%
  select(SNI303, anchor65)
lmBF(SNI303 ~ anchor65, data= na.omit(prisonBF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.1630608 ±0%
```

```
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
legtermsBF<-cces12[cces12$LegTerms==1,] %>%
  select(SNI303, anchor65)
lmBF(SNI303 ~ anchor65, data= na.omit(legtermsBF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.2398898 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
unempBF<-cces12[cces12$UnempMonths==1,] %>%
  select(SNI303, anchor65)
lmBF(SNI303 ~ anchor65, data= na.omit(unempBF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.1565467 ±0%
##
## Against denominator:
##   Intercept only
```

```
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
immigBF<-cces12[cces12$ImmigYears==1,] %>%
  select(SNI303, anchor65)
lmBF(SNI303 ~ anchor65, data= na.omit(immigBF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.3103035 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
undocBF<-cces12[cces12$IllegalYears==1,] %>%
  select(SNI303, anchor65)
lmBF(SNI303 ~ anchor65, data= na.omit(undocBF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.2157949 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

Table 2

```
table(qualtrics15[qualtrics15$IrrelTreat==2,]$anchor65)
```

```
##
##   0   1
## 154 130
```

```
table(qualtrics15[qualtrics15$IrrelTreat==3,]$anchor65)
```

```
##
##   0   1
## 123 132
```

```
table(qualtrics15[qualtrics15$IrrelTreat==1,]$anchor65)
```

```
##
##   0   1
## 149 154
```

Figure 2

```
#Figures
ul<-quantile(qualtrics15[which(qualtrics15$IrrelTreat==2),]$tax_irrel, .90, na.rm=TRUE)
ct<-ggplot(qualtrics15[which(qualtrics15$IrrelTreat==2),], aes(x = as.factor(anchor65),
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
```

```
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Cigarette Tax Preference\n(in dollars)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))

ul<-quantile(qualtrics15[which(qualtrics15$IrrelTreat==3),]$tax_irrel, .90, na.rm=TRUE)
gt<-ggplot(qualtrics15[which(qualtrics15$IrrelTreat==3),], aes(x = as.factor(anchor65),
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Gas Tax Preference\n(in dollars)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))

ul<-quantile(qualtrics15[which(qualtrics15$IrrelTreat==1),]$tax_irrel, .90, na.rm=TRUE)
mw<-ggplot(qualtrics15[which(qualtrics15$IrrelTreat==1),], aes(x = as.factor(anchor65),
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Minimum Wage Preference\n(in dollars)') +
  xlab('Irrelevant Anchor') +
  scale_x_discrete(labels=c("0" = "10", "1" = "65"))

tiff("Figure2.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(ct, gt, mw, nrow=2, ncol=2)
```

```
dev.off()
```

```
## pdf
##   2
```

Qualtrics 2015 Irrelevant Anchors Bayes Factors

```
cigtax15BF<-qualtrics15[qualtrics15$IrrelTreat==2,] %>%
  select(tax_irrel, anchor65)
lmBF(tax_irrel ~ anchor65, data= na.omit(cigtax15BF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.1715931 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
gastax15BF<-qualtrics15[qualtrics15$IrrelTreat==3,] %>%
  select(tax_irrel, anchor65)
lmBF(tax_irrel ~ anchor65, data= na.omit(gastax15BF))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 2.527662 ±0%
##
```

```
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
minwage15<-qualtrics15[qualtrics15$IrrelTreat==1,] %>%
  select(tax_irrel, anchor65)
lmBF(tax_irrel ~ anchor65, data= na.omit(minwage15))
```

```
## Bayes factor analysis
## --------------
## [1] anchor65 : 0.332902 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

Figure 3

```
py<-ggplot(cces18, aes(x = IAnum, y = murder)) +
  geom_point() + geom_smooth(method=lm, se=FALSE, aes(color="Linear")) +
  geom_quantile(quantiles = 0.5, size=1, aes(color="Median")) +
  scale_color_manual(name="Regression Model",
                     values = c("Linear"="black",
                                "Median"="orange")) +
  ylab('Prison Term for Murder\n(in years)') +
```

```
  xlab('Irrelevant Anchor') +
  scale_x_continuous(breaks = c(0,20,40,60,80),
                     labels = c("G","20","40","60","80")) +
  theme_classic()

lt<-ggplot(cces18, aes(x = IAnum, y = maxterm)) +
  geom_point() + geom_smooth(method=lm, se=FALSE, color="black") +
  geom_quantile(quantiles = 0.5, size=1, color="orange") +
  ylab('Maximum Legislative Term\n(in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_continuous(breaks = c(0,20,40,60,80),
                     labels = c("G","20","40","60","80")) +
  theme_classic()

um<-ggplot(cces18, aes(x = IAnum, y = maxunemp)) +
  geom_point() + geom_smooth(method=lm, se=FALSE, color="black") +
  geom_quantile(quantiles = 0.5, size=1, color="orange") +
  ylab('Maximum Unemployment Benefits\n(in months)') +
  xlab('Irrelevant Anchor') +
  scale_x_continuous(breaks = c(0,20,40,60,80),
                     labels = c("G","20","40","60","80")) +
  scale_y_continuous(limits=c(0,100)) +
  theme_classic()

dy<-ggplot(cces18, aes(x = IAnum, y = legalimmigwait)) +
  geom_point() + geom_smooth(method=lm, se=FALSE, color="black") +
  geom_quantile(quantiles = 0.5, size=1, color="orange") +
```

```
  ylab('Citizenship Waiting Period for\nDocumented Immigrants (in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_continuous(breaks = c(0,20,40,60,80),
                     labels = c("G","20","40","60","80")) +
  theme_classic()


udy<-ggplot(cces18, aes(x = IAnum, y = undocimmigwait)) +
  geom_point() + geom_smooth(method=lm, se=FALSE, color="black") +
  geom_quantile(quantiles = 0.5, size=1, color="orange") +
  ylab('Citizenship Waiting Period for\nUndocumented Immigrants (in years)') +
  xlab('Irrelevant Anchor') +
  scale_x_continuous(breaks = c(0,20,40,60,80),
                     labels = c("G","20","40","60","80")) +
  scale_y_continuous(limits=c(0,100)) +
  theme_classic()


legend<-get_legend(py)
```

```
## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1305 rows containing non-finite values (stat_smooth).

## Warning: Removed 1305 rows containing non-finite values (stat_quantile).

## Smoothing formula not specified. Using: y ~ x

## Warning in rq.fit.br(wx, wy, tau = tau, ...): Solution may be nonunique

## Warning: Removed 1305 rows containing missing values (geom_point).
```

```r
py <- py + theme(legend.position="none")


tiff("Figure3.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(py, lt, um, dy, udy, legend, nrow=2, ncol=3)
```

```
## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1305 rows containing non-finite values (stat_smooth).

## Warning: Removed 1305 rows containing non-finite values (stat_quantile).

## Smoothing formula not specified. Using: y ~ x

## Warning in rq.fit.br(wx, wy, tau = tau, ...): Solution may be nonunique

## Warning: Removed 1305 rows containing missing values (geom_point).

## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1305 rows containing non-finite values (stat_smooth).

## Warning: Removed 1305 rows containing non-finite values (stat_quantile).

## Smoothing formula not specified. Using: y ~ x

## Warning in rq.fit.br(wx, wy, tau = tau, ...): Solution may be nonunique

## Warning: Removed 1305 rows containing missing values (geom_point).

## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1320 rows containing non-finite values (stat_smooth).

## Warning: Removed 1320 rows containing non-finite values (stat_quantile).
```

```
## Smoothing formula not specified. Using: y ~ x

## Warning: Removed 1320 rows containing missing values (geom_point).

## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1296 rows containing non-finite values (stat_smooth).

## Warning: Removed 1296 rows containing non-finite values (stat_quantile).

## Smoothing formula not specified. Using: y ~ x

## Warning: Removed 1296 rows containing missing values (geom_point).

## `geom_smooth()` using formula 'y ~ x'

## Warning: Removed 1311 rows containing non-finite values (stat_smooth).

## Warning: Removed 1311 rows containing non-finite values (stat_quantile).

## Smoothing formula not specified. Using: y ~ x

## Warning: Removed 1311 rows containing missing values (geom_point).
```

```
dev.off()
```

```
## pdf
##   2
```

CCES 2018 Irrelevant Anchors Bayes Factors

```r
murder18BF<-cces18 %>%
  select(murder, IAnum)
lmBF(murder ~ IAnum, data= na.omit(murder18BF))
```

```
## Bayes factor analysis
## --------------
## [1] IAnum : 0.1236859 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```r
maxterm18BF<-cces18 %>%
  select(maxterm, IAnum)
lmBF(maxterm ~ IAnum, data= na.omit(maxterm18BF))
```

```
## Bayes factor analysis
## --------------
## [1] IAnum : 0.1635561 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
maxunemp18BF<-cces18 %>%
  select(maxunemp, IAnum)
lmBF(maxunemp ~ IAnum, data= na.omit(maxunemp18BF))
```

```
## Bayes factor analysis
## --------------
## [1] IAnum : 0.3136049 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
legalimmigwait18BF<-cces18 %>%
  select(legalimmigwait, IAnum)
lmBF(legalimmigwait ~ IAnum, data= na.omit(legalimmigwait18BF))
```

```
## Bayes factor analysis
## --------------
## [1] IAnum : 0.1219161 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

```
undocimmigwait18BF<-cces18 %>%
  select(undocimmigwait, IAnum)
lmBF(undocimmigwait ~ IAnum, data= na.omit(undocimmigwait18BF))
```

```
## Bayes factor analysis
## --------------
## [1] IAnum : 0.2040714 ±0%
##
## Against denominator:
##   Intercept only
## ---
## Bayes factor type: BFlinearModel, JZS
```

Table 3

```
table(qualtrics15$PrisonHigh)
```

```
##
##   0   1
## 410 432
```

```
table(qualtrics15$SenateHigh)
```

```
##
##   0   1
## 405 437
```

```
table(qualtrics15$UnempWeeksHigh)
```

```
##
##   0   1
## 196 220
```

```
table(qualtrics15$UnempMonthsHigh)
```

```
##
##   0   1
## 216 210
```

```
table(qualtrics15$ImmigMonthsHigh)
```

```
##
##   0   1
## 205 207
```

```
table(qualtrics15$ImmigYearsHigh)
```

```
##
##   0   1
## 224 206
```

Figure 4

```
ul<-quantile(qualtrics15$prison, .99, na.rm=TRUE)
pterm<-ggplot(qualtrics15, aes(x = as.factor(PrisonHigh), y = prison)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Prison Term\nfor Murder\n(in years)') +
  xlab('Priston Term Anchor') +
  scale_x_discrete(labels=c("0" = "at least 2 years", "1" = "100 years"))


ul<-quantile(qualtrics15$senate, .95, na.rm=TRUE)
lterm<-ggplot(qualtrics15, aes(x = as.factor(SenateHigh), y = senate)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Maximum\nLegislative Term\n(in years)') +
  xlab('Legislative Term Anchor') +
  scale_x_discrete(labels=c("0" = "6 years", "1" = "16 years"))


q15df1<-data.frame(cbind(UnempWeeksHigh=qualtrics15$UnempWeeksHigh, unemp=qualtrics15$un
q15df1<-na.omit(q15df1)
ul<-quantile(q15df1$unemp, .95, na.rm=TRUE)
ubweek<-ggplot(q15df1, aes(x = as.factor(UnempWeeksHigh), y = unemp)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
```

```
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Maximum\nUnemployment Benefits\n(in weeks)') +
  xlab('Unemployment Anchor') +
  scale_x_discrete(labels=c("0" = "14 weeks", "1" = "30 weeks"))


q15df2<-data.frame(cbind(UnempMonthsHigh=qualtrics15$UnempMonthsHigh, unemp=qualtrics15$
q15df2<-na.omit(q15df2)
ul<-quantile(q15df2$unemp, .95, na.rm=TRUE)
ubmonth<-ggplot(q15df2, aes(x = as.factor(UnempMonthsHigh), y = unemp)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Maximum\nUnemployment Benefits\n(in months)') +
  xlab('Unemployment Anchor') +
  scale_x_discrete(labels=c("0" = "3.5 months", "1" = "7.5 months"))


q15df3<-data.frame(cbind(ImmigMonthsHigh=qualtrics15$ImmigMonthsHigh, immig=qualtrics15$
q15df3<-na.omit(q15df3)
ul<-quantile(q15df3$immig, .95, na.rm=TRUE)
immonth<-ggplot(q15df3, aes(x = as.factor(ImmigMonthsHigh), y = immig)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Waiting Period for\nDocumented Immigrants\n(in months)') +
  xlab('Waiting Period Anchor') +
```

```
  scale_x_discrete(labels=c("0" = "36 months", "1" = "60 months"))


q15df4<-data.frame(cbind(ImmigYearsHigh=qualtrics15$ImmigYearsHigh, immig=qualtrics15$im
q15df4<-na.omit(q15df4)
ul<-quantile(q15df4$immig, .95, na.rm=TRUE)
imyear<-ggplot(q15df4, aes(x = as.factor(ImmigYearsHigh), y = immig)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Waiting Period for\nDocumented Immigrants\n(in years)') +
  xlab('Waiting Period Anchor') +
  scale_x_discrete(labels=c("0" = "3 years", "1" = "5 years"))


tiff("Figure4.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(pterm, lterm, ubweek, ubmonth, immonth, imyear, nrow=3, ncol=2)
```

```
## Warning: Removed 3 rows containing non-finite values (stat_boxplot).

## Warning: Removed 3 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.

## Warning: Removed 3 rows containing non-finite values (stat_boxplot).


## Warning: Removed 3 rows containing missing values (position_quasirandom).

## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
```

```
## notch went outside hinges. Try setting notch=FALSE.
```

```
## notch went outside hinges. Try setting notch=FALSE.
```

```
dev.off()
```

```
## pdf
##   2
```

Table 4

```
#Table 4, Row 1
table(cces12$CTtreatment)
```

```
##
##   1   2   3   4   5   6
## 157 144 153 136 130 139
```

```
#Table 4, row 2
table(cces12$GTtreatment)
```

```
##
##   1   2   3   4   5   6
## 119 113 101 130 132 117
```

Figure 5

```
c12df1<-data.frame(cbind(CTtreatment=cces12$CTtreatment, CigTaxPref=cces12$CigTaxPref, C
c12df1<-na.omit(c12df1)

#Cigarette Tax Collapsed Treatment Figure
ul<-quantile(cces12$CigTaxPref, .90, na.rm=TRUE)
ctc<-ggplot(cces12, aes(x = as.factor(CigTaxHigh), y = CigTaxPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Cigarette Tax Preference (in dollars)') +
  xlab('Cigarette Tax Anchor') +
  scale_x_discrete(labels=c("0" = "$0.17", "1" = "$4.35"))

#Cigarette Tax Party Treatment Figure
ul<-quantile(c12df1$CigTaxPref, .90, na.rm=TRUE)
ctp<-ggplot(c12df1, aes(x = as.factor(CTtreatment), y = CigTaxPref, color=as.factor(CTpa
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  scale_color_manual(breaks = c("1", "2", "3"),
                     values=c("gray0", "coral", "cyan3")) +
  ylab('Cigarette Tax Preference (in dollars)') +
  xlab('Cigarette Tax Anchor') +
  scale_x_discrete(labels=c("1" = "$0.17", "2" = "$4.35",
                            "3" = "$0.17", "4"="$4.35", "5"="$0.17", "6"="$4.35")) +
```

```
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))

## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.

c12df2<-data.frame(cbind(GTtreatment=cces12$GTtreatment, GasTaxPref=cces12$GasTaxPref, G
c12df2<-na.omit(c12df2)


#Gas Tax Collapsed Treatment Figure
ul<-quantile(cces12$GasTaxPref, .80, na.rm=TRUE)
gtc<-ggplot(cces12, aes(x = as.factor(gasTaxHigh), y = GasTaxPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  ylab('Gas Tax Preference (in dollars)') +
  xlab('Gas Tax Anchor') +
  scale_x_discrete(labels=c("0" = "$0.08", "1" = "$0.49"))


#Gas Tax Party Treatment Figure
ul<-quantile(c12df2$GasTaxPref, .80, na.rm=TRUE)
gtp<-ggplot(c12df2, aes(x = as.factor(GTtreatment), y = GasTaxPref, color=as.factor(GTpa
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() + coord_cartesian(ylim = c(0, ul))  +
  scale_color_manual(breaks = c("1", "2", "3"),
```

```
                    values=c("gray0", "coral", "cyan3")) +
  ylab('Gas Tax Preference (in dollars)') +
  xlab('Gas Tax Anchor') +
  scale_x_discrete(labels=c("1" = "$0.08", "2" = "$0.49",
                            "3" = "$0.08", "4"="$0.49", "5"="$0.08", "6"="$0.49")) +
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))
```

```
## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.
```

```
tiff("Figure5.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(ctc, ctp, gtc, gtp, nrow=2, ncol=3,
             layout_matrix=cbind(c(1,3), c(2,4), c(2,4)))
```

```
## Warning: Removed 45 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 45 rows containing missing values (position_quasirandom).
```

```
## Warning: Removed 541 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 541 rows containing missing values (position_quasirandom).
```

```
## notch went outside hinges. Try setting notch=FALSE.
```

```
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
```

```
dev.off()
```

```
## pdf
##   2
```

Table 5

```
#Table 5:column 1
table(cces18$GWtreatment)
```

```
##
##   1   2   3   4   5   6
## 229 226 229 239 233 224
```

```
#Table 5, Column 2
table(cces18$BTtreatment)
```

```
##
##   1   2   3   4   5   6
## 223 232 218 225 228 254
```

```
#Table 5, Column 3
table(cces18$ATtreatment)
```

```
##
##   1   2   3   4   5   6
## 230 237 217 239 247 210
```

Figure 6

```
c18df1<-data.frame(cbind(GWtreatment=cces18$GWtreatment, GunWaitPref=cces18$GunWaitPref,
c18df1<-na.omit(c18df1)


#Gun Wait Collapsed Treatment Figure
ul<-quantile(cces18$GunWaitPref, .90, na.rm=TRUE)
gwc<-ggplot(cces18, aes(x = as.factor(GWtreatment01), y = GunWaitPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=0.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Gun Waiting Period Preference (in days)') +
  xlab('Gun Waiting Period Anchor') +
  scale_x_discrete(labels=c("0" = "3 Days", "1" = "20 Days"))



#Gun Wait Party Treatment Figure
ul<-quantile(c18df1$GunWaitPref, .90, na.rm=TRUE)
gwp<-ggplot(c18df1, aes(x = as.factor(GWtreatment), y = GunWaitPref, color=as.factor(GWp
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  scale_color_manual(breaks = c("1", "2", "3"),
                     values=c("gray0", "coral", "cyan3")) +
```

```
  ylab('Gun Waiting Period Preference (in days)') +
  xlab('Gun Waiting Period Anchor') +
  coord_cartesian(ylim = c(0, ul))  +
  scale_x_discrete(labels=c("1" = "3 Days", "2" = "20 Days",
                            "3" = "3 Days", "4"="20 Days", "5"="3 Days", "6"="20 Days")) +
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))
```

```
## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.
```

```
c18df2<-data.frame(cbind(BTtreatment=cces18$BTtreatment, BorderTaxPref=cces18$BorderTaxP
c18df2<-na.omit(c18df2)

#Border Tax Collapsed Treatment Figure
ul<-quantile(cces18$BorderTaxPref, .90, na.rm=TRUE)
btc<-ggplot(cces18, aes(x = as.factor(BTtreatment01), y = BorderTaxPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Border Tax Preference (in percentages)') +
  xlab('Border Tax Penalty Anchor') +
  scale_x_discrete(labels=c("0" = "5%", "1" = "35%"))



#Border Tax Party Treatment Figure
```

```
ul<-quantile(c18df2$BorderTaxPref, .90, na.rm=TRUE)
btp<-ggplot(c18df2, aes(x = as.factor(BTtreatment), y = BorderTaxPref, color=as.factor(B
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  coord_cartesian(ylim = c(0, ul))  +
  scale_color_manual(breaks = c("1", "2", "3"),
                     values=c("gray0", "coral", "cyan3")) +
  ylab('Border Tax Preference (in percentages)') +
  xlab('Border Tax Anchor') +
  scale_x_discrete(labels=c("1" = "5%", "2" = "35%",
                            "3" = "5%", "4"="35%", "5"="5%", "6"="35%")) +
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))
```

```
## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.
```

```
c18df3<-data.frame(cbind(ATtreatment=cces18$ATtreatment, AnimalTestingPref=cces18$Animal
c18df3<-na.omit(c18df3)


#Animal Testing Collapsed Treatment Figure
ul<-quantile(cces18$AnimalTestingPref, .80, na.rm=TRUE)
atc<-ggplot(cces18, aes(x = as.factor(ATtreatment01), y = AnimalTestingPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
```

```
  theme_classic() +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Animal Testing Penalty Preference (in dollars)') +
  xlab('Animal Testing Penalty Anchor') +
  scale_x_discrete(labels=c("0" = "$500", "1" = "$5000"))


#Animal Testing Party Treatment Figure
ul<-quantile(c18df3$AnimalTestingPref, .85, na.rm=TRUE)
atp<-ggplot(c18df3, aes(x = as.factor(ATtreatment), y = AnimalTestingPref, color=as.fact
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  coord_cartesian(ylim = c(0, ul)) +
  scale_color_manual(breaks = c("1", "2", "3"),
                     values=c("gray0", "coral", "cyan3")) +
  ylab('Animal Testing Penalty Preference (in dollars)') +
  xlab('Animal Testing Penalty Anchor') +
  scale_x_discrete(labels=c("1" = "$500", "2" = "$5000",
                            "3" = "$500", "4"="$5000", "5"="$500", "6"="$5000")) +
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))
```

```
## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.
```

```
tiff("Figure6.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(gwc, gwp, btc, btp, atc, atp, nrow=3, ncol=3,
             layout_matrix=cbind(c(1,3,5), c(2,4,6), c(2,4,6)))
```

```
## Warning: Removed 8 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 8 rows containing missing values (position_quasirandom).
```

```
## Warning: Removed 28 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 28 rows containing missing values (position_quasirandom).
```

```
## notch went outside hinges. Try setting notch=FALSE.
```

```
## notch went outside hinges. Try setting notch=FALSE.
```

```
## Warning: Removed 22 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 22 rows containing missing values (position_quasirandom).
```

```
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
## notch went outside hinges. Try setting notch=FALSE.
```

```
dev.off()
```

```
## pdf
##   2
```

Supplemental Information

Section 2: Descripitive Stats

Table A2.1

```
##CCES 2012
describe(cces12[cces12$PrisonYears==1,]$SNI303)
```

```
##    vars   n  mean    sd median trimmed  mad min max range skew kurtosis   se
## X1    1 207 23.05 30.63      8   16.46 7.41   0 100   100 1.66     1.38 2.13
```

```
describe(cces12[cces12$LegTerms==1,]$SNI303)
```

```
##    vars   n  mean    sd median trimmed  mad min  max range  skew kurtosis   se
## X1    1 198 23.73 74.96      7   12.11 5.93   0 1000  1000 11.24   142.39 5.33
```

```
describe(cces12[cces12$UnempMonths==1,]$SNI303)
```

```
##    vars   n  mean     sd median trimmed  mad min  max range skew kurtosis   se
## X1    1 198 29.95 102.18      8   13.69 5.93   0 1000  1000 8.65    78.89 7.26
```

```
describe(cces12[cces12$ImmigYears==1,]$SNI303)
```

```
##    vars   n  mean     sd median trimmed  mad min   max range  skew kurtosis
## X1    1 181 83.77 748.72      6   12.16 5.93   0 10000 10000 12.85   167.01
##       se
## X1 55.65
```

```
describe(cces12[cces12$IllegalYears==1,]$SNI303)
```

```
##    vars   n  mean    sd median trimmed  mad min max range skew kurtosis   se
## X1    1 192 27.91 78.63      8   15.12 5.93   0 999   999 9.99    118.5 5.67
```

```
describe(cces12[cces12$CTtreatment<7,]$CigTaxPref)
```

```
##    vars   n mean    sd median trimmed  mad min   max range skew kurtosis   se
## X1    1 819 5.69 14.65      2    2.88 2.82   0 99.99 99.99 5.55    31.82 0.51
```

```
describe(cces12[cces12$GTtreatment<7,]$GasTaxPref)
```

```
##    vars   n mean    sd median trimmed  mad min   max range skew kurtosis   se
## X1    1 382 3.28 11.61   0.25    0.66 0.37   0 99.99 99.99 5.79    38.55 0.59
```

```
##Qualtrics 2015
describe(qualtrics15[qualtrics15$IrrelTreat==2,]$tax_irrel) #Cig Tax
```

```
##    vars   n mean    sd median trimmed  mad min  max range  skew kurtosis   se
## X1    1 284 7.58 60.07      2    2.43 2.22   0 1000  1000 15.92   259.43 3.56
```

```
describe(qualtrics15[qualtrics15$IrrelTreat==3,]$tax_irrel) #Gas Tax
```

```
##    vars   n mean  sd median trimmed  mad min max range skew kurtosis   se
## X1    1 255 0.62 1.4    0.2     0.3 0.28   0  10    10 4.59    24.26 0.09
```

```
describe(qualtrics15[qualtrics15$IrrelTreat==1,]$tax_irrel) #Min Wage
```

```
##    vars   n  mean     sd median trimmed  mad min  max range  skew kurtosis   se
## X1    1 303 20.85 133.01     10   10.19 1.48   0 2000  2000 13.17   179.16 7.64
```

```r
describe(qualtrics15$prison)
```

```
##    vars   n     mean       sd median trimmed  mad min     max   range  skew
## X1    1 839 13177.84 346916.7     60   62.46 59.3   0 9999999 9999999 28.46
##    kurtosis       se
## X1   815.63 11976.89
```

```r
describe(qualtrics15$senate)
```

```
##    vars   n mean    sd median trimmed  mad min max range skew kurtosis   se
## X1    1 839 9.92 10.88      8    8.02 5.93   0 100   100 5.14    34.74 0.38
```

```r
describe(qualtrics15[is.na(qualtrics15$UnempMonthsHigh)=="FALSE",]$unemp)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis  se
## X1    1 425 9.98 8.16    7.5    8.46 5.19   1  60    59 3.11    12.31 0.4
```

```r
describe(qualtrics15[is.na(qualtrics15$UnempWeeksHigh)=="FALSE",]$unemp)
```

```
##    vars   n  mean    sd median trimmed   mad min max range skew kurtosis   se
## X1    1 415 32.61 18.77     30   30.93 20.76   2 120   118 1.51     3.83 0.92
```

```r
describe(qualtrics15[is.na(qualtrics15$ImmigYearsHigh)=="FALSE",]$immig)
```

```
##    vars   n        mean           sd median trimmed  mad min   max range  skew
## X1    1 428 23364485986 483368244523      3     3.7 2.97   0 1e+13 1e+13 20.54
##    kurtosis          se
## X1   421.01 23364485981
```

```
describe(qualtrics15[is.na(qualtrics15$ImmigMonthsHigh)=="FALSE",]$immig)
```

```
##    vars   n   mean      sd median trimmed   mad min   max range  skew kurtosis
## X1    1 411 312.98 4954.21     36   36.86 26.69   0 1e+05 1e+05 19.84   395.89
##        se
## X1 244.37
```

```
##CCES 2018
describe(cces18$murder)
```

```
##    vars   n  mean    sd median trimmed   mad min  max range skew kurtosis   se
## X1    1 320 71.51 87.51     50   61.88 44.48   0 1000  1000 7.16    65.49 4.89
```

```
describe(cces18$maxterm)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 320 9.95 14.4      8    7.18 5.93   0 100   100 4.97    26.84 0.81
```

```
describe(cces18$maxunemp)
```

```
##    vars   n     mean      sd median trimmed  mad min   max range  skew kurtosis
## X1    1 321 311582.1 5581453     26   30.32 25.2   0 1e+08 1e+08 17.75   314.02
##          se
## X1 311526.3
```

```
describe(cces18$legalimmigwait)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 329    6 7.16      5    5.18 4.45   0 100   100 7.92    92.85 0.39
```

```
describe(cces18$undocimmigwait)
```

```
##    vars   n     mean       sd median trimmed  mad min   max range  skew
## X1    1 317 31569.25 561654.7      5    7.82 5.93   0 1e+07 1e+07 17.64
##    kurtosis       se
## X1   310.02 31545.67
```

Table A2.2

```
#CCES 2012
describe(cces12$age)
```

```
##    vars    n  mean    sd median trimmed   mad min max range  skew kurtosis   se
## X1    1 1000 51.52 16.37     54   52.17 16.31  18  90    72 -0.36    -0.69 0.52
```

```
describe(cces12$white)
```

```
##    vars    n mean   sd median trimmed mad min max range  skew kurtosis   se
## X1    1 1000 0.72 0.45      1    0.78   0   0   1     1 -1.01    -0.99 0.01
```

```
describe(cces12$female)
```

```
##    vars    n mean  sd median trimmed mad min max range  skew kurtosis   se
## X1    1 1000 0.54 0.5      1    0.55   0   0   1     1 -0.15    -1.98 0.02
```

```
describe(cces12$education)
```

```
##    vars    n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 1000 3.65 1.49      3     3.6 1.48   1   6     5  0.2    -1.26 0.05
```

```r
describe(cces12$income_wmissing)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 872 6.07 3.19      6    5.89 4.45   1  16    15  0.4    -0.66 0.11
```

```r
describe(cces12$partyid)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 953 3.72 2.23      4    3.66 2.97   1   7     6 0.16    -1.44 0.07
```

```r
describe(cces12$conservative)
```

```
##    vars   n mean   sd median trimmed  mad min max range  skew kurtosis   se
## X1    1 944  4.3 1.81      4    4.34 2.97   1   7     6 -0.16    -1.03 0.06
```

```r
#Qualtrics 2018
describe(qualtrics15$age)
```

```
##    vars   n  mean    sd median trimmed   mad min max range  skew kurtosis   se
## X1    1 841 54.48 13.44     57   55.12 13.34  17  87    70 -0.42    -0.35 0.46
```

```r
describe(qualtrics15$white)
```

```
##    vars   n mean   sd median trimmed mad min max range  skew kurtosis   se
## X1    1 841 0.88 0.32      1    0.98   0   0   1     1 -2.37     3.61 0.01
```

```r
describe(qualtrics15$female)
```

```
##    vars   n mean  sd median trimmed mad min max range  skew kurtosis   se
## X1    1 842 0.57 0.5      1    0.58   0   0   1     1 -0.27    -1.93 0.02
```

```r
describe(qualtrics15$education)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 841 3.89 1.46      3    3.88 1.48   1   6     5    0    -1.44 0.05
```

```r
describe(qualtrics15$income)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 841 4.89 2.41      5    4.89 2.97   1  10     9 0.07    -0.89 0.08
```

```r
describe(qualtrics15$pid7)
```

```
##    vars   n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 841 3.78 2.28      4    3.73 2.97   1   7     6 0.12     -1.5 0.08
```

```r
describe(qualtrics15$ideology)
```

```
##    vars   n mean   sd median trimmed  mad min max range  skew kurtosis   se
## X1    1 841 3.54 1.56      4    3.55 1.48   1   6     5 -0.04    -1.17 0.05
```

```r
#CCES 2018
describe(cces18$age)
```

```
##    vars    n mean    sd median trimmed   mad min max range  skew kurtosis   se
## X1    1 1625 43.5 17.47     45    43.5 22.24  12  88    76 -0.04    -1.16 0.43
```

```r
describe(cces18$white)
```

```
##    vars    n mean   sd median trimmed mad min max range  skew kurtosis   se
## X1    1 1625 0.71 0.45      1    0.77   0   0   1     1 -0.95    -1.11 0.01
```

```r
describe(cces18$female)
```

```
##    vars    n mean  sd median trimmed mad min max range  skew kurtosis   se
## X1    1 1625 0.55 0.5      1    0.57   0   0   1     1 -0.22    -1.95 0.01
```

```r
describe(cces18$education)
```

```
##    vars    n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 1625 3.79 1.48      4    3.77 1.48   1   6     5    0    -1.29 0.04
```

```r
describe(cces18$income_wmissing)
```

```
##    vars    n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 1447 6.58 3.39      6    6.48 4.45   1  16    15 0.26     -0.7 0.09
```

```r
describe(cces18$partyid)
```

```
##    vars    n mean   sd median trimmed  mad min max range skew kurtosis   se
## X1    1 1568 3.71 2.25      4    3.64 2.97   1   7     6 0.19    -1.45 0.06
```

```r
describe(cces18$conservative)
```

```
##    vars    n mean   sd median trimmed  mad min max range  skew kurtosis   se
## X1    1 1494 3.04 1.23      3    3.05 1.48   1   5     4 -0.05    -0.92 0.03
```

Section 3: Balance

Table A3.1: CCES 2012 Irrelevant Anchors

```
b1<-lm(anchor65~age+white+female+education+income+incmiss+partyid+conservative, data=sub
b2<-lm(anchor65~age+white+female+education+income+incmiss+partyid+conservative, data=sub
b3<-lm(anchor65~age+white+female+education+income+incmiss+partyid+conservative, data=sub
b4<-lm(anchor65~age+white+female+education+income+incmiss+partyid+conservative, data=sub
b5<-lm(anchor65~age+white+female+education+income+incmiss+partyid+conservative, data=sub
stargazer(b1, b2, b3, b4, b5,
          dep.var.caption = " ",
          column.labels = c("Prison Term", "Legislative Term", "Unemployment", "Legal Im
          type="html", out="A3.1.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td colspan="5">anchor65</td></tr>
## <tr><td style="text-align:left"></td><td>Prison Term</td><td>Legislative Term</td><td
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.002)</td><td>(0.002)</td><td>(0.003)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">white</td><td>0.064</td><td>-0.010</td><td>-0.023</td
## <tr><td style="text-align:left"></td><td>(0.087)</td><td>(0.092)</td><td>(0.093)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">female</td><td>0.036</td><td>-0.114</td><td>-0.036</t
## <tr><td style="text-align:left"></td><td>(0.075)</td><td>(0.073)</td><td>(0.075)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">education</td><td>-0.035</td><td>0.031</td><td>-0.037
## <tr><td style="text-align:left"></td><td>(0.026)</td><td>(0.027)</td><td>(0.029)</td>
```

```
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">income</td><td>0.003</td><td>0.001</td><td>0.024<sup>
## <tr><td style="text-align:left"></td><td>(0.012)</td><td>(0.013)</td><td>(0.013)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">incmiss</td><td>-0.277</td><td>0.259</td><td>-0.135</
## <tr><td style="text-align:left"></td><td>(0.190)</td><td>(0.200)</td><td>(0.202)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">partyid</td><td>0.033</td><td>-0.004</td><td>-0.018</
## <tr><td style="text-align:left"></td><td>(0.027)</td><td>(0.024)</td><td>(0.021)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">conservative</td><td>-0.028</td><td>0.002</td><td>0.0
## <tr><td style="text-align:left"></td><td>(0.032)</td><td>(0.028)</td><td>(0.027)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">Constant</td><td>0.358<sup>*</sup></td><td>0.609<sup>
## <tr><td style="text-align:left"></td><td>(0.182)</td><td>(0.184)</td><td>(0.198)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left">R<sup>2</sup></td><td>0.059</td><td>0.084</td><td>0.0
## <tr><td style="text-align:left">Adjusted R<sup>2</sup></td><td>0.017</td><td>0.041</t
## <tr><td style="text-align:left">Residual Std. Error</td><td>0.495 (df = 182)</td><td>
## <tr><td style="text-align:left">F Statistic</td><td>1.414 (df = 8; 182)</td><td>1.967
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.2: CCES 2012: Relevant Anchors, Cigarette Tax Treatment

```
b6<-multinom(CTtreatment~age+white+female+education+income+incmiss+partyid+conservative,

## # weights:  60 (45 variable)
## initial  value 1485.368600
## iter  10 value 1470.881283
## iter  20 value 1465.515569
## iter  30 value 1462.754064
## iter  40 value 1461.126412
## iter  50 value 1461.103663
## final  value 1461.103640
## converged

stargazer(b6,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.2.doc")

##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.008)</td><td>(0.008)</td><td>(0.008)</td>
```

```
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">white</td><td>-0.116</td><td>0.023</td><td>0.270</td>
## <tr><td style="text-align:left"></td><td>(0.285)</td><td>(0.282)</td><td>(0.302)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">female</td><td>0.112</td><td>-0.251</td><td>0.052</td
## <tr><td style="text-align:left"></td><td>(0.242)</td><td>(0.235)</td><td>(0.245)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">education</td><td>0.127</td><td>0.097</td><td>0.003</
## <tr><td style="text-align:left"></td><td>(0.086)</td><td>(0.084)</td><td>(0.088)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">income</td><td>-0.105<sup>**</sup></td><td>-0.042</td
## <tr><td style="text-align:left"></td><td>(0.044)</td><td>(0.041)</td><td>(0.044)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">incmiss</td><td>1.415<sup>**</sup></td><td>0.318</td>
## <tr><td style="text-align:left"></td><td>(0.651)</td><td>(0.619)</td><td>(0.656)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">partyid</td><td>0.024</td><td>0.119</td><td>0.094</td
## <tr><td style="text-align:left"></td><td>(0.075)</td><td>(0.074)</td><td>(0.077)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">conservative</td><td>0.045</td><td>-0.064</td><td>-0.
## <tr><td style="text-align:left"></td><td>(0.092)</td><td>(0.092)</td><td>(0.095)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">Constant</td><td>-0.092</td><td>0.083</td><td>0.095</
## <tr><td style="text-align:left"></td><td>(0.620)</td><td>(0.600)</td><td>(0.628)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
```

```
## </table>
```

Table A3.3: CCES 2012: Relevant Anchors, Gas Tax Treatment

```
b7<-multinom(GTtreatment~age+white+female+education+income+incmiss+partyid+conservative,
```

```
## # weights:  60 (45 variable)
## initial  value 1227.355236
## iter  10 value 1217.173902
## iter  20 value 1211.754204
## iter  30 value 1207.857274
## iter  40 value 1206.555840
## final  value 1206.548834
## converged
```

```
stargazer(b7,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.3.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.009)</td><td>(0.009)</td><td>(0.009)</td>
```

```
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">white</td><td>-0.041</td><td>-0.366</td><td>-0.045</t
## <tr><td style="text-align:left"></td><td>(0.363)</td><td>(0.363)</td><td>(0.349)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">female</td><td>-0.060</td><td>0.057</td><td>0.186</td
## <tr><td style="text-align:left"></td><td>(0.275)</td><td>(0.288)</td><td>(0.265)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">education</td><td>-0.093</td><td>0.101</td><td>-0.065
## <tr><td style="text-align:left"></td><td>(0.099)</td><td>(0.103)</td><td>(0.095)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">income</td><td>0.070</td><td>0.047</td><td>0.005</td>
## <tr><td style="text-align:left"></td><td>(0.048)</td><td>(0.052)</td><td>(0.047)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">incmiss</td><td>-0.923</td><td>0.053</td><td>-0.034</
## <tr><td style="text-align:left"></td><td>(0.753)</td><td>(0.765)</td><td>(0.739)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">partyid</td><td>-0.015</td><td>0.003</td><td>0.006</t
## <tr><td style="text-align:left"></td><td>(0.088)</td><td>(0.093)</td><td>(0.085)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">conservative</td><td>0.066</td><td>0.059</td><td>0.05
## <tr><td style="text-align:left"></td><td>(0.110)</td><td>(0.116)</td><td>(0.106)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">Constant</td><td>-1.059</td><td>-1.829<sup>**</sup></
## <tr><td style="text-align:left"></td><td>(0.729)</td><td>(0.771)</td><td>(0.703)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
```

```
## </table>
```

Table A3.4: Qualtrics 2015 Irrelevant Anchors

```
b8<-lm(anchor65~age+white+female+education+income+pid7+ideology, data=subset(qualtrics15
b9<-lm(anchor65~age+white+female+education+income+pid7+ideology, data=subset(qualtrics15
b10<-lm(anchor65~age+white+female+education+income+pid7+ideology, data=subset(qualtrics1
stargazer(b8, b9, b10,
          dep.var.caption = " ",
          column.labels = c("Cigarette Tax", "Gas Tax", "Minimum Wage"),
          type="html", out="A3.4.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="4" style="border-bottom: 1px solid
## <tr><td></td><td colspan="3" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td colspan="3">anchor65</td></tr>
## <tr><td style="text-align:left"></td><td>Cigarette Tax</td><td>Gas Tax</td><td>Minimu
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td></tr>
## <tr><td colspan="4" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.002)</td><td>(0.002)</td><td>(0.002)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">white</td><td>0.049</td><td>0.049</td><td>0.191<sup>*
## <tr><td style="text-align:left"></td><td>(0.095)</td><td>(0.095)</td><td>(0.095)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">female</td><td>-0.077</td><td>-0.077</td><td>0.016</t
## <tr><td style="text-align:left"></td><td>(0.062)</td><td>(0.062)</td><td>(0.059)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">education</td><td>-0.033</td><td>-0.033</td><td>0.055
```

```
## <tr><td style="text-align:left"></td><td>(0.023)</td><td>(0.023)</td><td>(0.021)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">income</td><td>0.002</td><td>0.002</td><td>0.005</td>
## <tr><td style="text-align:left"></td><td>(0.013)</td><td>(0.013)</td><td>(0.012)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">pid7</td><td>0.027</td><td>0.027</td><td>-0.016</td><
## <tr><td style="text-align:left"></td><td>(0.019)</td><td>(0.019)</td><td>(0.018)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">ideology</td><td>-0.013</td><td>-0.013</td><td>0.016<
## <tr><td style="text-align:left"></td><td>(0.028)</td><td>(0.028)</td><td>(0.027)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td style="text-align:left">Constant</td><td>0.580<sup>***</sup></td><td>0.580<su
## <tr><td style="text-align:left"></td><td>(0.184)</td><td>(0.184)</td><td>(0.181)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td></tr>
## <tr><td colspan="4" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left">R<sup>2</sup></td><td>0.022</td><td>0.022</td><td>0.0
## <tr><td style="text-align:left">Adjusted R<sup>2</sup></td><td>-0.003</td><td>-0.003<
## <tr><td style="text-align:left">Residual Std. Error</td><td>0.500 (df = 275)</td><td>
## <tr><td style="text-align:left">F Statistic</td><td>0.879 (df = 7; 275)</td><td>0.879
## <tr><td colspan="4" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.5: Qualtrics 2015 Relevant Anchors

```
b11<-lm(PrisonHigh~age+white+female+education+income+pid7+ideology, data=qualtrics15)
b12<-lm(SenateHigh~age+white+female+education+income+pid7+ideology, data=qualtrics15)
b13<-lm(UnempWeeksHigh~age+white+female+education+income+pid7+ideology, data=qualtrics15
```

```
b14<-lm(UnempMonthsHigh~age+white+female+education+income+pid7+ideology, data=qualtrics1
b15<-lm(ImmigMonthsHigh~age+white+female+education+income+pid7+ideology, data=qualtrics1
b16<-lm(ImmigYearsHigh~age+white+female+education+income+pid7+ideology, data=qualtrics15
stargazer(b11, b12, b13, b14, b15, b16,
          dep.var.caption = " ",
          column.labels = c("Prison Term", "Legislative Term", "Unemployment (Weeks)", "
                            "Immigration (Months)", "Immigration (Years)"),
          type="html", out="A3.5.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="7" style="border-bottom: 1px solid
## <tr><td></td><td colspan="6" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>PrisonHigh</td><td>SenateHigh</td><td>UnempW
## <tr><td style="text-align:left"></td><td>Prison Term</td><td>Legislative Term</td><td
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="7" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.001)</td><td>(0.001)</td><td>(0.002)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">white</td><td>0.043</td><td>-0.030</td><td>0.030</td>
## <tr><td style="text-align:left"></td><td>(0.056)</td><td>(0.056)</td><td>(0.080)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">female</td><td>0.050</td><td>-0.017</td><td>0.030</td
## <tr><td style="text-align:left"></td><td>(0.035)</td><td>(0.035)</td><td>(0.051)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">education</td><td>0.015</td><td>0.021<sup>*</sup></td
## <tr><td style="text-align:left"></td><td>(0.013)</td><td>(0.013)</td><td>(0.019)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
```

```
## <tr><td style="text-align:left">income</td><td>0.001</td><td>-0.001</td><td>0.0004</t
## <tr><td style="text-align:left"></td><td>(0.008)</td><td>(0.008)</td><td>(0.012)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">pid7</td><td>-0.005</td><td>-0.007</td><td>-0.029<sup
## <tr><td style="text-align:left"></td><td>(0.011)</td><td>(0.011)</td><td>(0.016)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">ideology</td><td>-0.002</td><td>0.008</td><td>0.020</
## <tr><td style="text-align:left"></td><td>(0.016)</td><td>(0.016)</td><td>(0.023)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td style="text-align:left">Constant</td><td>0.442<sup>***</sup></td><td>0.415<su
## <tr><td style="text-align:left"></td><td>(0.106)</td><td>(0.106)</td><td>(0.152)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td
## <tr><td colspan="7" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left">R<sup>2</sup></td><td>0.006</td><td>0.006</td><td>0.0
## <tr><td style="text-align:left">Adjusted R<sup>2</sup></td><td>-0.003</td><td>-0.003<
## <tr><td style="text-align:left">Residual Std. Error</td><td>0.501 (df = 833)</td><td>
## <tr><td style="text-align:left">F Statistic</td><td>0.688 (df = 7; 833)</td><td>0.683
## <tr><td colspan="7" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.6: CCES 2018 Irrelevant Anchors

```
b17<-lm(IAnum~age+white+female+education+income+incmiss+partyid+conservative, data=cces1
stargazer(b17,
          dep.var.caption = " ",
          column.labels = c("Continuous Anchor Treatment"),
          type="html", out="A3.6.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="2" style="border-bottom: 1px solid
## <tr><td></td><td colspan="1" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>IAnum</td></tr>
## <tr><td style="text-align:left"></td><td>Continuous Anchor Treatment</td></tr>
## <tr><td colspan="2" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.052)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">white</td><td>-4.458<sup>**</sup></td></tr>
## <tr><td style="text-align:left"></td><td>(2.021)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">female</td><td>-0.065</td></tr>
## <tr><td style="text-align:left"></td><td>(1.794)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">education</td><td>-0.118</td></tr>
## <tr><td style="text-align:left"></td><td>(0.633)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">income</td><td>-0.067</td></tr>
## <tr><td style="text-align:left"></td><td>(0.287)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">incmiss</td><td>7.581</td></tr>
## <tr><td style="text-align:left"></td><td>(26.024)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">partyid</td><td>0.615</td></tr>
## <tr><td style="text-align:left"></td><td>(0.556)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">conservative</td><td>-1.298</td></tr>
```

```
## <tr><td style="text-align:left"></td><td>(1.022)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td style="text-align:left">Constant</td><td>38.870<sup>***</sup></td></tr>
## <tr><td style="text-align:left"></td><td>(4.536)</td></tr>
## <tr><td style="text-align:left"></td><td></td></tr>
## <tr><td colspan="2" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left">R<sup>2</sup></td><td>0.004</td></tr>
## <tr><td style="text-align:left">Adjusted R<sup>2</sup></td><td>-0.001</td></tr>
## <tr><td style="text-align:left">Residual Std. Error</td><td>32.938 (df = 1464)</td></
## <tr><td style="text-align:left">F Statistic</td><td>0.816 (df = 8; 1464)</td></tr>
## <tr><td colspan="2" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.7: CCES 2018 Relevant Anchors, Gun Waiting Period

```
b18<-multinom(GWtreatment~age+white+female+education+income+incmiss+partyid+conservative
```

```
## # weights:  60 (45 variable)
## initial  value 2354.371943
## iter  10 value 2342.085324
## iter  20 value 2333.782182
## iter  30 value 2328.275366
## iter  40 value 2326.456342
## iter  50 value 2326.322316
## final  value 2326.322115
## converged
```

```
stargazer(b18,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.7.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.006)</td><td>(0.006)</td><td>(0.006)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">white</td><td>0.189</td><td>0.057</td><td>-0.135</td>
## <tr><td style="text-align:left"></td><td>(0.232)</td><td>(0.227)</td><td>(0.227)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">female</td><td>-0.028</td><td>0.043</td><td>0.011</td
## <tr><td style="text-align:left"></td><td>(0.201)</td><td>(0.201)</td><td>(0.201)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">education</td><td>0.020</td><td>0.066</td><td>0.046</
## <tr><td style="text-align:left"></td><td>(0.071)</td><td>(0.071)</td><td>(0.071)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">income</td><td>0.027</td><td>0.008</td><td>-0.038</td
## <tr><td style="text-align:left"></td><td>(0.032)</td><td>(0.031)</td><td>(0.032)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
```

```
## <tr><td style="text-align:left">incmiss</td><td>-2.022</td><td>-0.745</td><td>4.200</
## <tr><td style="text-align:left"></td><td>(2.874)</td><td>(2.849)</td><td>(2.920)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">partyid</td><td>0.072</td><td>0.035</td><td>0.046</td
## <tr><td style="text-align:left"></td><td>(0.061)</td><td>(0.061)</td><td>(0.061)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">conservative</td><td>-0.155</td><td>-0.188</td><td>-0
## <tr><td style="text-align:left"></td><td>(0.116)</td><td>(0.115)</td><td>(0.116)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">Constant</td><td>0.249</td><td>0.378</td><td>0.352</t
## <tr><td style="text-align:left"></td><td>(0.521)</td><td>(0.517)</td><td>(0.518)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.8: CCES 2018 Relevant Anchors, Border Wall Tax

```
b19<-multinom(BTtreatment~age+white+female+education+income+incmiss+partyid+conservative
```

```
## # weights:  60 (45 variable)
## initial  value 2354.371943
## iter  10 value 2346.600271
## iter  20 value 2337.752606
## iter  30 value 2332.767100
## iter  40 value 2331.431741
## iter  50 value 2330.400404
## final  value 2330.400360
```

```
## converged
```

```
stargazer(b19,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.8.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.006)</td><td>(0.006)</td><td>(0.006)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">white</td><td>-0.023</td><td>-0.055</td><td>0.290</td
## <tr><td style="text-align:left"></td><td>(0.229)</td><td>(0.234)</td><td>(0.238)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><t
## <tr><td style="text-align:left">female</td><td>-0.152</td><td>0.186</td><td>0.012</td
## <tr><td style="text-align:left"></td><td>(0.200)</td><td>(0.206)</td><td>(0.204)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">education</td><td>0.069</td><td>0.020</td><td>0.037</
## <tr><td style="text-align:left"></td><td>(0.071)</td><td>(0.072)</td><td>(0.072)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">income</td><td>-0.048</td><td>-0.044</td><td>-0.048</
## <tr><td style="text-align:left"></td><td>(0.032)</td><td>(0.033)</td><td>(0.032)</td>
```

```
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">incmiss</td><td>3.840</td><td>3.897</td><td>3.952</td
## <tr><td style="text-align:left"></td><td>(2.870)</td><td>(2.968)</td><td>(2.937)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">partyid</td><td>0.064</td><td>-0.025</td><td>-0.062</
## <tr><td style="text-align:left"></td><td>(0.062)</td><td>(0.063)</td><td>(0.063)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">conservative</td><td>-0.158</td><td>0.113</td><td>0.0
## <tr><td style="text-align:left"></td><td>(0.117)</td><td>(0.119)</td><td>(0.118)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">Constant</td><td>0.432</td><td>-0.178</td><td>0.194</
## <tr><td style="text-align:left"></td><td>(0.510)</td><td>(0.531)</td><td>(0.524)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.9: CCES 2018 Relevant Anchors, Animal Testing

```
b20<-multinom(ATtreatment~age+white+female+education+income+incmiss+partyid+conservative
```

```
## # weights:  60 (45 variable)
## initial  value 2354.371943
## iter  10 value 2342.657975
## iter  20 value 2338.300504
## iter  30 value 2334.216452
## iter  40 value 2333.211390
## iter  50 value 2332.813080
```

```
## final  value 2332.812893
## converged
```

```
stargazer(b20,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.9.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.006)</td><td>(0.006)</td><td>(0.006)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">white</td><td>-0.342</td><td>-0.278</td><td>-0.170</t
## <tr><td style="text-align:left"></td><td>(0.232)</td><td>(0.239)</td><td>(0.237)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">female</td><td>0.168</td><td>0.024</td><td>0.095</td>
## <tr><td style="text-align:left"></td><td>(0.199)</td><td>(0.202)</td><td>(0.197)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">education</td><td>0.051</td><td>-0.044</td><td>0.030<
## <tr><td style="text-align:left"></td><td>(0.070)</td><td>(0.071)</td><td>(0.070)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">income</td><td>-0.030</td><td>-0.019</td><td>-0.051</
```

```
## <tr><td style="text-align:left"></td><td>(0.032)</td><td>(0.032)</td><td>(0.032)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">incmiss</td><td>2.007</td><td>1.463</td><td>4.236</td
## <tr><td style="text-align:left"></td><td>(2.861)</td><td>(2.929)</td><td>(2.879)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">partyid</td><td>0.021</td><td>0.037</td><td>-0.007</t
## <tr><td style="text-align:left"></td><td>(0.061)</td><td>(0.062)</td><td>(0.061)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">conservative</td><td>-0.037</td><td>-0.117</td><td>-0
## <tr><td style="text-align:left"></td><td>(0.115)</td><td>(0.117)</td><td>(0.115)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td style="text-align:left">Constant</td><td>0.283</td><td>0.579</td><td>0.043</t
## <tr><td style="text-align:left"></td><td>(0.511)</td><td>(0.517)</td><td>(0.512)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Table A3.10: CCES 2018 Relevant Anchors, Gas Tax Replication

```
b21<-multinom(GTtreatment~age+white+female+education+income+incmiss+partyid+conservative
```

```
## # weights:  60 (45 variable)
## initial  value 2354.371943
## iter  10 value 2342.800445
## iter  20 value 2337.257511
## iter  30 value 2332.925003
## iter  40 value 2330.708442
```

```
## iter  50 value 2330.482177
## final  value 2330.481641
## converged
```

```
stargazer(b21,
          dep.var.caption = " ",
          column.labels = c("High Anchor, No Cue", "Low Anchor, Inparty Cue", "High Anch
                            "Low Anchor, Outparty Cue", "High Anchor, Outparty Cue"),
          type="html", out="A3.10.doc")
```

```
##
## <table style="text-align:center"><tr><td colspan="6" style="border-bottom: 1px solid
## <tr><td></td><td colspan="5" style="border-bottom: 1px solid black"></td></tr>
## <tr><td style="text-align:left"></td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</t
## <tr><td style="text-align:left"></td><td>High Anchor, No Cue</td><td>Low Anchor, Inpa
## <tr><td style="text-align:left"></td><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td>
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td style="text-align:left"></td><td>(0.006)</td><td>(0.006)</td><td>(0.006)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">white</td><td>0.350</td><td>0.117</td><td>0.294</td><
## <tr><td style="text-align:left"></td><td>(0.225)</td><td>(0.216)</td><td>(0.228)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">female</td><td>0.194</td><td>-0.033</td><td>-0.088</t
## <tr><td style="text-align:left"></td><td>(0.197)</td><td>(0.194)</td><td>(0.202)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">education</td><td>-0.031</td><td>-0.001</td><td>0.052
## <tr><td style="text-align:left"></td><td>(0.069)</td><td>(0.069)</td><td>(0.072)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td></t
```

```
## <tr><td style="text-align:left">income</td><td>0.010</td><td>0.020</td><td>-0.029</td
## <tr><td style="text-align:left"></td><td>(0.031)</td><td>(0.031)</td><td>(0.032)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">incmiss</td><td>-0.714</td><td>-1.209</td><td>2.275</
## <tr><td style="text-align:left"></td><td>(2.831)</td><td>(2.793)</td><td>(2.916)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">partyid</td><td>-0.010</td><td>0.070</td><td>-0.034</
## <tr><td style="text-align:left"></td><td>(0.060)</td><td>(0.060)</td><td>(0.062)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">conservative</td><td>-0.030</td><td>-0.156</td><td>-0
## <tr><td style="text-align:left"></td><td>(0.114)</td><td>(0.112)</td><td>(0.116)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td style="text-align:left">Constant</td><td>-0.401</td><td>0.159</td><td>-0.001<
## <tr><td style="text-align:left"></td><td>(0.510)</td><td>(0.494)</td><td>(0.517)</td>
## <tr><td style="text-align:left"></td><td></td><td></td><td></td><td></td><td></td><td></td></t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## <tr><td colspan="6" style="border-bottom: 1px solid black"></td></tr><tr><td style="t
## </table>
```

Section 4: Results

Table A4.1: CCES 2012 Irrelevant Anchors Results

```
prison<-rq(SNI303 ~ anchor65, data= cces12[cces12$PrisonYears==1,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(prison, se = "boot")
```

```
##
## Call: rq(formula = SNI303 ~ anchor65, data = cces12[cces12$PrisonYears ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 8.00000 2.37203    3.37264 0.00089
## anchor65    0.00000 2.79676    0.00000 1.00000
```

```r
legterms<-rq(SNI303 ~ anchor65, data= cces12[cces12$LegTerms==1,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(legterms, se = "boot")
```

```
##
## Call: rq(formula = SNI303 ~ anchor65, data = cces12[cces12$LegTerms ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept)  7.00000  1.01837    6.87370  0.00000
## anchor65    -1.00000  1.55126   -0.64464  0.51992
```

```r
unemp<-rq(SNI303 ~ anchor65, data= cces12[cces12$UnempMonths==1,])
summary(unemp, se = "boot")
```

```
##
## Call: rq(formula = SNI303 ~ anchor65, data = cces12[cces12$UnempMonths ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept) 10.00000  1.76157    5.67677  0.00000
## anchor65    -3.00000  2.13065   -1.40802  0.16071
```

```r
immig<-rq(SNI303 ~ anchor65, data= cces12[cces12$ImmigYears==1,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(immig, se = "boot")
```

```
##
## Call: rq(formula = SNI303 ~ anchor65, data = cces12[cces12$ImmigYears ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 6.00000 1.16912    5.13208 0.00000
```

```
## anchor65    1.00000 1.56015    0.64096 0.52237
```

```
undoc<-rq(SNI303 ~ anchor65, data= cces12[cces12$IllegalYears==1,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(undoc, se = "boot")
```

```
##
## Call: rq(formula = SNI303 ~ anchor65, data = cces12[cces12$IllegalYears ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 6.00000 1.29428    4.63580 0.00001
## anchor65    4.00000 1.81390    2.20520 0.02864
```

Table A4.2: Qualtrics 2015 Irrelevant Anchors Results

```
cigtax15<-rq(tax_irrel ~ anchor65, data= qualtrics15[qualtrics15$IrrelTreat==2,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(cigtax15, se = "boot")
```

```
##
## Call: rq(formula = tax_irrel ~ anchor65, data = qualtrics15[qualtrics15$IrrelTreat ==
##     2, ])
```

```
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 2.00000 0.36184    5.52727 0.00000
## anchor65    0.00000 0.48798    0.00000 1.00000
```

```
gastax15<-rq(tax_irrel ~ anchor65, data= qualtrics15[qualtrics15$IrrelTreat==3,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gastax15, se = "boot")
```

```
##
## Call: rq(formula = tax_irrel ~ anchor65, data = qualtrics15[qualtrics15$IrrelTreat ==
##     3, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 0.15000 0.04171    3.59617 0.00039
## anchor65    0.10000 0.06385    1.56613 0.11857
```

```
minwage15<-rq(tax_irrel ~ anchor65, data= qualtrics15[qualtrics15$IrrelTreat==1,])
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(minwage15, se = "boot")
```

```
##
## Call: rq(formula = tax_irrel ~ anchor65, data = qualtrics15[qualtrics15$IrrelTreat ==
##     1, ])
##
## tau: [1] 0.5
##
## Coefficients:
##             Value Std. Error t value Pr(>|t|)
## (Intercept)  10     0        Inf       0
## anchor65      0     0        NaN     NaN
```

Table A4.3: CCES 2018 Irrelevant Anchors Results

```
m1<-rq(murder ~ IAnum, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(m1, se = "boot")
```

```
##
## Call: rq(formula = murder ~ IAnum, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept) 50.00000 11.97757    4.17447  0.00004
```

```
## IAnum        0.00000  0.16576    0.00000  1.00000
```

```
m2<-rq(maxterm ~ IAnum, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(m2, se = "boot")
```

```
##
## Call: rq(formula = maxterm ~ IAnum, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 8.00000 0.88476    9.04202 0.00000
## IAnum       0.00000 0.01606    0.00000 1.00000
```

```
m3<-rq(maxunemp ~ IAnum, data = cces18)
summary(m3, se = "boot")
```

```
##
## Call: rq(formula = maxunemp ~ IAnum, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept) 26.00000  0.67422   38.56324  0.00000
## IAnum        0.00000  0.02790    0.00000  1.00000
```

```r
m4<-rq(legalimmigwait ~ IAnum, data = cces18)
summary(m4, se = "boot")
```

```
##
## Call: rq(formula = legalimmigwait ~ IAnum, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value         Std. Error    t value       Pr(>|t|)
## (Intercept)  5.000000e+00  0.000000e+00  5.615408e+16  0.000000e+00
## IAnum        0.000000e+00  0.000000e+00 -6.638200e-01  5.072700e-01
```

```r
m5<-rq(undocimmigwait ~ IAnum, data = cces18)
summary(m5, se = "boot")
```

```
##
## Call: rq(formula = undocimmigwait ~ IAnum, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept)  5.00000  0.16838   29.69474  0.00000
## IAnum        0.02500  0.01917    1.30390  0.19322
```

Table A4.4: Qualtrics 2015 Relevant Anchors

```
prison15<-rq(prison ~ PrisonHigh, data= qualtrics15)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(prison15, se = "boot")
```

```
##
## Call: rq(formula = prison ~ PrisonHigh, data = qualtrics15)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value Std. Error t value Pr(>|t|)
## (Intercept)  25     0        Inf       0
## PrisonHigh   75     0        Inf       0
```

```
senate15<-rq(senate ~ SenateHigh, data= qualtrics15)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(senate15, se = "boot")
```

```
##
## Call: rq(formula = senate ~ SenateHigh, data = qualtrics15)
##
## tau: [1] 0.5
##
```

```
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
## (Intercept) 6.00000 0.00000        Inf 0.00000
## SenateHigh  4.00000 0.96313    4.15314 0.00004
```

```
unempweek15<-rq(unemp ~ UnempWeeksHigh, data= qualtrics15)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(unempweek15, se = "boot")
```

```
##
## Call: rq(formula = unemp ~ UnempWeeksHigh, data = qualtrics15)
##
## tau: [1] 0.5
##
## Coefficients:
##                Value    Std. Error t value  Pr(>|t|)
## (Intercept)    20.00000  1.99340   10.03311  0.00000
## UnempWeeksHigh 10.00000  3.69053    2.70964  0.00702
```

```
unempmonth15<-rq(unemp ~ UnempMonthsHigh, data= qualtrics15)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(unempmonth15, se = "boot")
```

```
##
## Call: rq(formula = unemp ~ UnempMonthsHigh, data = qualtrics15)
##
```

```
## tau: [1] 0.5
##
## Coefficients:
##                 Value   Std. Error t value Pr(>|t|)
## (Intercept)     6.00000 0.00000        Inf 0.00000
## UnempMonthsHigh 6.00000 1.02035    5.88036 0.00000
```

```
immigmonth15<-rq(immig ~ ImmigMonthsHigh, data= qualtrics15)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(immigmonth15, se = "boot")
```

```
##
## Call: rq(formula = immig ~ ImmigMonthsHigh, data = qualtrics15)
##
## tau: [1] 0.5
##
## Coefficients:
##                 Value    Std. Error t value  Pr(>|t|)
## (Intercept)     36.00000  3.76410    9.56404  0.00000
## ImmigMonthsHigh 12.00000  8.64236    1.38851  0.16574
```

```
immigyear15<-rq(immig ~ ImmigYearsHigh, data= qualtrics15)
summary(immigyear15, se = "boot")
```

```
##
## Call: rq(formula = immig ~ ImmigYearsHigh, data = qualtrics15)
##
```

```
## tau: [1] 0.5
##
## Coefficients:
##                Value    Std. Error t value  Pr(>|t|)
## (Intercept)     3.00000  0.00000        Inf  0.00000
## ImmigYearsHigh  2.00000  0.12186   16.41262  0.00000
```

Table A4.5: CCES 2012 Relevant Anchors

```
ct_ct<-rq(CigTaxPref ~ CigTaxHigh, data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(ct_ct, se = "boot")
```

```
##
## Call: rq(formula = CigTaxPref ~ CigTaxHigh, data = cces12)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value    Std. Error t value  Pr(>|t|)
## (Intercept)  1.00000  0.17021    5.87494  0.00000
## CigTaxHigh   3.56000  0.26968   13.20060  0.00000
```

```
ct_pt<-rq(CigTaxPref ~ factor(CTtreatment), data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(ct_pt, se = "boot")
```

```
##
## Call: rq(formula = CigTaxPref ~ factor(CTtreatment), data = cces12)
##
## tau: [1] 0.5
##
## Coefficients:
##                       Value    Std. Error t value  Pr(>|t|)
## (Intercept)           1.00000  0.20783    4.81153  0.00000
## factor(CTtreatment)2  3.75000  0.38165    9.82564  0.00000
## factor(CTtreatment)3  0.00000  0.26785    0.00000  1.00000
## factor(CTtreatment)4  3.50000  0.34558   10.12788  0.00000
## factor(CTtreatment)5  0.00000  0.25672    0.00000  1.00000
## factor(CTtreatment)6  4.00000  0.22014   18.17046  0.00000
```

```
gt_ct<-rq(GasTaxPref ~ gasTaxHigh, data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gt_ct, se = "boot")
```

```
##
## Call: rq(formula = GasTaxPref ~ gasTaxHigh, data = cces12)
##
## tau: [1] 0.5
##
## Coefficients:
##             Value   Std. Error t value Pr(>|t|)
```

```
## (Intercept) 0.08000 0.00891    8.97832 0.00000
## gasTaxHigh  0.37000 0.06453    5.73399 0.00000
```

```
gt_pt<-rq(GasTaxPref ~ factor(GTtreatment), data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gt_pt, se = "boot")
```

```
##
## Call: rq(formula = GasTaxPref ~ factor(GTtreatment), data = cces12)
##
## tau: [1] 0.5
##
## Coefficients:
##                       Value   Std. Error t value Pr(>|t|)
## (Intercept)           0.08000 0.03168    2.52546 0.01196
## factor(GTtreatment)2 0.22000 0.09928    2.21585 0.02730
## factor(GTtreatment)3 0.02000 0.07841    0.25508 0.79880
## factor(GTtreatment)4 0.30000 0.08839    3.39404 0.00076
## factor(GTtreatment)5 0.02000 0.07180    0.27857 0.78073
## factor(GTtreatment)6 0.92000 0.21238    4.33194 0.00002
```

Table A4.6: CCES 2018 Relevant Anchors

```
gw_ct<-rq(GunWaitPref ~ GWtreatment01, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(gw_ct, se = "boot")
```

```
##
## Call: rq(formula = GunWaitPref ~ GWtreatment01, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##               Value    Std. Error t value  Pr(>|t|)
## (Intercept)    7.00000  0.00000        Inf  0.00000
## GWtreatment01 14.00000  2.89951    4.82841  0.00000
```

```r
gw_pt<-rq(GunWaitPref ~ factor(GWtreatment), data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(gw_pt, se = "boot")
```

```
##
## Call: rq(formula = GunWaitPref ~ factor(GWtreatment), data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##                      Value    Std. Error t value  Pr(>|t|)
## (Intercept)           7.00000  0.23506   29.78016  0.00000
## factor(GWtreatment)2 14.00000  3.69903    3.78478  0.00016
## factor(GWtreatment)3  0.00000  0.33815    0.00000  1.00000
## factor(GWtreatment)4 18.00000  4.13559    4.35246  0.00001
```

```
## factor(GWtreatment)5  0.00000  0.23506    0.00000  1.00000
## factor(GWtreatment)6 14.00000  4.26292    3.28414  0.00105
```

```
bt_ct<-rq(BorderTaxPref ~ BTtreatment01, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(bt_ct, se = "boot")
```

```
##
## Call: rq(formula = BorderTaxPref ~ BTtreatment01, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##               Value    Std. Error t value  Pr(>|t|)
## (Intercept)    5.00000  0.62444    8.00718  0.00000
## BTtreatment01 30.00000  0.62444   48.04309  0.00000
```

```
bt_pt<-rq(BorderTaxPref ~ factor(BTtreatment), data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(bt_pt, se = "boot")
```

```
##
## Call: rq(formula = BorderTaxPref ~ factor(BTtreatment), data = cces18)
##
## tau: [1] 0.5
##
```

```
## Coefficients:
##                       Value    Std. Error t value  Pr(>|t|)
## (Intercept)           7.00000  1.51783    4.61186  0.00000
## factor(BTtreatment)2 28.00000  1.51783   18.44744  0.00000
## factor(BTtreatment)3 -2.00000  1.58804   -1.25941  0.20810
## factor(BTtreatment)4 28.00000  1.51783   18.44744  0.00000
## factor(BTtreatment)5 -1.00000  2.30088   -0.43462  0.66391
## factor(BTtreatment)6 23.00000  4.21608    5.45530  0.00000
```

```
at_ct<-rq(AnimalTestingPref ~ ATtreatment01, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(at_ct, se = "boot")
```

```
##
## Call: rq(formula = AnimalTestingPref ~ ATtreatment01, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##               Value      Std. Error t value    Pr(>|t|)
## (Intercept)   1000.00000    0.00000        Inf    0.00000
## ATtreatment01 4000.00000 1175.54382    3.40268    0.00068
```

```
at_pt<-rq(AnimalTestingPref ~ factor(ATtreatment), data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(at_pt, se = "boot")
```

```
##
## Call: rq(formula = AnimalTestingPref ~ factor(ATtreatment), data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##                       Value      Std. Error t value    Pr(>|t|)
## (Intercept)           1000.00000   98.22546   10.18066    0.00000
## factor(ATtreatment)2 9000.00000 2020.77626    4.45373    0.00001
## factor(ATtreatment)3    0.00000  122.37187    0.00000    1.00000
## factor(ATtreatment)4 4000.00000  948.65350    4.21650    0.00003
## factor(ATtreatment)5    0.00000   98.22546    0.00000    1.00000
## factor(ATtreatment)6 4000.00000  746.93864    5.35519    0.00000
```

Section 5: Robustness

Table A5.1: Does party moderate party cue effects?

```
ct_pt_int<-rq(CigTaxPref ~ factor(CTtreatment)*Democrat, data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(ct_pt_int, se = "boot")
```

```
##
## Call: rq(formula = CigTaxPref ~ factor(CTtreatment) * Democrat, data = cces12)
##
```

```
## tau: [1] 0.5
##
## Coefficients:
##                                Value    Std. Error t value  Pr(>|t|)
## (Intercept)                     1.00000  0.31889    3.13592  0.00178
## factor(CTtreatment)2            3.35000  0.59440    5.63598  0.00000
## factor(CTtreatment)3           -0.50000  0.37188   -1.34450  0.17916
## factor(CTtreatment)4            3.32000  0.48103    6.90190  0.00000
## factor(CTtreatment)5            0.00000  0.38492    0.00000  1.00000
## factor(CTtreatment)6            4.00000  0.41228    9.70221  0.00000
## Democrat                        0.00000  0.36961    0.00000  1.00000
## factor(CTtreatment)2:Democrat   0.65000  0.73200    0.88797  0.37482
## factor(CTtreatment)3:Democrat   0.50000  0.45014    1.11076  0.26700
## factor(CTtreatment)4:Democrat   0.68000  0.55889    1.21670  0.22407
## factor(CTtreatment)5:Democrat   0.00000  0.46965    0.00000  1.00000
## factor(CTtreatment)6:Democrat   0.00000  0.48236    0.00000  1.00000
```

```
describe(cces12[is.na(cces12$Democrat)==FALSE,]$CigTaxPref) #For number of observations
```

```
##    vars   n mean    sd median trimmed  mad min   max range skew kurtosis   se
## X1    1 819 5.69 14.65      2    2.88 2.82   0 99.99 99.99 5.55    31.82 0.51
```

```
gt_pt_int<-rq(GasTaxPref ~ factor(GTtreatment)*Democrat, data = cces12)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gt_pt_int, se = "boot")
```

```
##
```

```
## Call: rq(formula = GasTaxPref ~ factor(GTtreatment) * Democrat, data = cces12)
##
## tau: [1] 0.5
##
## Coefficients:
##                                Value    Std. Error t value  Pr(>|t|)
## (Intercept)                     0.06000  0.01447    4.14595  0.00004
## factor(GTtreatment)2            0.14000  0.10132    1.38174  0.16789
## factor(GTtreatment)3            0.00000  0.01931    0.00000  1.00000
## factor(GTtreatment)4            0.19000  0.06039    3.14646  0.00179
## factor(GTtreatment)5            0.02000  0.09780    0.20450  0.83807
## factor(GTtreatment)6            0.29000  0.15304    1.89490  0.05888
## Democrat                        0.44000  0.40968    1.07402  0.28352
## factor(GTtreatment)2:Democrat -0.14000  0.48556   -0.28833  0.77326
## factor(GTtreatment)3:Democrat  0.50000  0.58678    0.85211  0.39470
## factor(GTtreatment)4:Democrat -0.19000  0.42876   -0.44314  0.65792
## factor(GTtreatment)5:Democrat -0.37000  0.51086   -0.72426  0.46936
## factor(GTtreatment)6:Democrat  0.21000  0.42032    0.49961  0.61764
```

```
describe(cces12[is.na(cces12$Democrat)==FALSE,]$GasTaxPref) #For number of observations
```

```
##    vars   n mean    sd median trimmed  mad min   max range skew kurtosis   se
## X1    1 382 3.28 11.61   0.25    0.66 0.37   0 99.99 99.99 5.79    38.55 0.59
```

```
gw_pt_int<-rq(GunWaitPref ~ factor(GWtreatment)*Democrat, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(gw_pt_int, se = "boot")
```

```
##
## Call: rq(formula = GunWaitPref ~ factor(GWtreatment) * Democrat, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##                                Value    Std. Error t value  Pr(>|t|)
## (Intercept)                     3.00000  0.86820    3.45543  0.00057
## factor(GWtreatment)2           17.00000  3.15832    5.38261  0.00000
## factor(GWtreatment)3            2.00000  1.21482    1.64634  0.09992
## factor(GWtreatment)4           12.00000  3.23886    3.70501  0.00022
## factor(GWtreatment)5            0.00000  0.96865    0.00000  1.00000
## factor(GWtreatment)6            7.00000  1.63946    4.26971  0.00002
## Democrat                        7.00000  1.54951    4.51756  0.00001
## factor(GWtreatment)2:Democrat   3.00000  3.19144    0.94001  0.34738
## factor(GWtreatment)3:Democrat -5.00000  1.86692   -2.67820  0.00749
## factor(GWtreatment)4:Democrat   8.00000  3.46213    2.31072  0.02100
## factor(GWtreatment)5:Democrat   4.00000  2.54914    1.56916  0.11684
## factor(GWtreatment)6:Democrat 13.00000  2.06371    6.29934  0.00000
```

```r
describe(cces18[is.na(cces18$Democrat)==FALSE,]$GunWaitPref) #For number of observations
```

```
##    vars    n   mean      sd median trimmed   mad min    max  range  skew
## X1    1 1374 294.22 9846.35     14    16.9 16.31   0 365000 365000 36.98
##    kurtosis     se
## X1  1366.88 265.63
```

```r
bt_pt_int<-rq(BorderTaxPref ~ factor(BTtreatment)*Democrat, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```r
summary(bt_pt_int, se = "boot")
```

```
##
## Call: rq(formula = BorderTaxPref ~ factor(BTtreatment) * Democrat,
##     data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##                                Value    Std. Error t value  Pr(>|t|)
## (Intercept)                    10.00000  1.07605    9.29322  0.00000
## factor(BTtreatment)2           25.00000  1.07605   23.23306  0.00000
## factor(BTtreatment)3           -4.00000  1.80437   -2.21684  0.02680
## factor(BTtreatment)4           25.00000  1.07605   23.23306  0.00000
## factor(BTtreatment)5            0.00000  1.75628    0.00000  1.00000
## factor(BTtreatment)6           25.00000  2.79110    8.95705  0.00000
## Democrat                       -5.00000  1.58399   -3.15659  0.00163
## factor(BTtreatment)2:Democrat   5.00000  1.62134    3.08387  0.00208
## factor(BTtreatment)3:Democrat   4.00000  2.16456    1.84795  0.06483
## factor(BTtreatment)4:Democrat   5.00000  1.64729    3.03529  0.00245
## factor(BTtreatment)5:Democrat   0.00000  2.21686    0.00000  1.00000
## factor(BTtreatment)6:Democrat -5.00000  4.32272   -1.15668  0.24761
```

```
describe(cces18[is.na(cces18$Democrat)==FALSE,]$BorderTaxPref) #For number of observatio
```

```
##    vars    n  mean   sd median trimmed   mad min max range skew kurtosis   se
## X1    1 1356 22.86 32.6     20   20.25 22.24   0 999   999   20   590.19 0.89
```

```
at_pt_int<-rq(AnimalTestingPref ~ factor(ATtreatment)*Democrat, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(at_pt_int, se = "boot")
```

```
##
## Call: rq(formula = AnimalTestingPref ~ factor(ATtreatment) * Democrat,
##     data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##                                Value      Std. Error t value    Pr(>|t|)
## (Intercept)                    1000.00000  239.29946    4.17886    0.00003
## factor(ATtreatment)2           4000.00000 2184.49898    1.83108    0.06731
## factor(ATtreatment)3              0.00000  351.42699    0.00000    1.00000
## factor(ATtreatment)4           4000.00000  239.29946   16.71546    0.00000
## factor(ATtreatment)5           -500.00000  313.10122   -1.59693    0.11052
## factor(ATtreatment)6           4000.00000 1027.87702    3.89152    0.00010
## Democrat                        500.00000  662.55195    0.75466    0.45059
## factor(ATtreatment)2:Democrat  4500.00000 2577.47670    1.74589    0.08106
## factor(ATtreatment)3:Democrat  -500.00000  805.93154   -0.62040    0.53510
## factor(ATtreatment)4:Democrat  4500.00000 2120.77837    2.12186    0.03403
```

```
## factor(ATtreatment)5:Democrat 1000.00000 1172.88302    0.85260    0.39403
## factor(ATtreatment)6:Democrat 4500.00000 1993.12010    2.25777    0.02412
```

```
describe(cces18[is.na(cces18$Democrat)==FALSE,]$AnimalTestingPref) #For number of obser
```

```
##    vars    n    mean       sd median  trimmed     mad min    max range  skew
## X1    1 1359 3523410 63982164   5000 10756.45 7116.48   0 2e+09 2e+09 25.85
##    kurtosis      se
## X1    743.3 1735598
```

Gas Tax Replication 2018

```
c18df4<-data.frame(cbind(GTtreatment=cces18$GTtreatment, GasTaxPref=cces18$GasTaxPref, G
c18df4<-na.omit(c18df4)

#Gas Tax Collapsed Treatment Figure
ul<-quantile(cces18$GasTaxPref, .90, na.rm=TRUE)
gtc18<-ggplot(cces18, aes(x = as.factor(GTtreatment01), y = GasTaxPref)) +
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  coord_cartesian(ylim = c(0, ul))  +
  ylab('Gas Tax Preference (in cents)') +
  xlab('Gas Tax Anchor') +
  scale_x_discrete(labels=c("0" = "$0.12", "1" = "$0.58"))

#Gas Tax Party Treatment Figure
```

```
ul<-quantile(c18df4$GasTaxPref, .90)
gtp18<-ggplot(c18df4, aes(x = as.factor(GTtreatment), y = GasTaxPref, color=as.factor(GT
  geom_boxplot(notch = TRUE) +
  geom_quasirandom(alpha = 0.5, size=.5) +
  theme(legend.position = 'none') +
  theme_classic() +
  scale_color_manual(breaks = c("1", "2", "3"),
                     values=c("gray0", "coral", "cyan3")) +
  ylab('Gas Tax Preference (in cents)') +
  xlab('Gas Tax Anchor') +
  coord_cartesian(ylim = c(0, ul))  +
  scale_x_discrete(labels=c("1" = "$0.12", "2" = "$0.58",
                            "3" = "$0.12", "4"="$0.58", "5"="$0.12", "6"="$0.58")) +
  labs(color = "Party Treatment")+
  scale_color_discrete(labels=c("No Party Cue","Inparty Cue","Outparty Cue"))
```

```
## Scale for 'colour' is already present. Adding another scale for 'colour',
## which will replace the existing scale.
```

```
tiff("CCES18gastaxREPL.tiff", width = 11, height = 11, units = 'in', res = 300)
grid.arrange(gtc18, gtp18, nrow=1, ncol=3,
             layout_matrix=cbind(c(1), c(2), c(2)))
```

```
## Warning: Removed 24 rows containing non-finite values (stat_boxplot).
```

```
## Warning: Removed 24 rows containing missing values (position_quasirandom).
```

```
dev.off()
```

```
## pdf
##   2
```

```
gt_ct18<-rq(GasTaxPref ~ GTtreatment01, data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gt_ct18, se = "boot")
```

```
##
## Call: rq(formula = GasTaxPref ~ GTtreatment01, data = cces18)
##
## tau: [1] 0.5
##
## Coefficients:
##               Value     Std. Error t value   Pr(>|t|)
## (Intercept)    10.00000   0.07071  141.42136   0.00000
## GTtreatment01  20.00000   1.40061   14.27949   0.00000
```

```
gt_pt18<-rq(GasTaxPref ~ factor(GTtreatment), data = cces18)
```

```
## Warning in rq.fit.br(x, y, tau = tau, ...): Solution may be nonunique
```

```
summary(gt_pt18, se = "boot")
```

```
##
## Call: rq(formula = GasTaxPref ~ factor(GTtreatment), data = cces18)
##
```

```
## tau: [1] 0.5
##
## Coefficients:
##                       Value    Std. Error t value  Pr(>|t|)
## (Intercept)          10.00000  0.72151   13.85981  0.00000
## factor(GTtreatment)2 20.00000  3.70003    5.40536  0.00000
## factor(GTtreatment)3  0.00000  0.72151    0.00000  1.00000
## factor(GTtreatment)4 30.00000  3.57186    8.39899  0.00000
## factor(GTtreatment)5  0.00000  0.89667    0.00000  1.00000
## factor(GTtreatment)6 22.00000  3.38035    6.50821  0.00000
```