



```

name: <unnamed>
log:  \\wsl.localhost\Debian\home\lsys\neutrality\analysis\logs\figure3.smcl
log type: smcl
opened on:  2 Dec 2025, 12:07:54

```

```

1 .
2 . do init.do

3 . cls                                // Clear results window

4 . clear all                          // Start with a clean slate

5 . set more off, perm                // Disable partitioned output
   (set more preference recorded)

6 . macro drop _all                   // Clear all macros to avoid namespace conflicts

7 . set linesize 150                  // Line size limit to make output more readable, affects log
   > s

8 . set varabbrev off, perm           // Turn off variable abbreviation
   (set varabbrev preference recorded)

9 . // pause on                       // Enable pause mode for debugging
10. version 13.1                      // Set Stata version to 13.1

11. set matsize 10000

12.
13. *=====
14. // Set root path
15. // cap net install here, from("https://raw.githubusercontent.com/korenmiklos/here/main/here/ma
   > ster/")
16. cap here

17. if _rc == 0 {
18.     here, set
19.     cd ${here}
20. }

21. else {
22.     global here "\\wsl.localhost\Debian\home\lsys\neutrality\analysis"
23.     cd $here
24. }

25.
26. *=====
27. // Point to ado programs
28. adopath ++ ./ado
   [1]                                "./ado"
   [2] (BASE)                        "C:\Program Files (x86)\Stata13\ado\base/"
   [3] (SITE)                        "C:\Program Files (x86)\Stata13\ado\site/"
   [4]                                "."
   [5] (PERSONAL)                    "c:\ado\personal/"
   [6] (PLUS)                        "c:\ado\plus/"
   [7] (OLDPLACE)                    "c:\ado/"

29.

```

```

30. use "../pipeline/out/media.dta", clear
31. do preamble
32. *-----
33. * IDENTIFIERS AND METADATA
34. *-----
35. label var qid          "Quote ID"
36. label var article_id   "News article ID (title-date tuple)"
37. label var speech_id    "Speech ID"
38.
39. label var date          "Publication date"
40. label var matched_date "Matched speech date"
41. label var matched_score "Matched score in semi-automated assessing"
42.
43. label var mp            "MP ID"
44. label var party        "Party of politician (string code)"
45. label var opposition    "=1 if from an opposition party"
46. gen ruling = (party == "pap")
47. label var ruling        "=1 if from the government party"
48. label var non_partisan "=1 if non-partisan MP"
49. assert (1 == opposition + ruling + non_partisan)
50. label var speaker       "=1 if making speech in capacity of speaker"
51.
52. label var section       "Original article section"
53.
54. *=====
55. * MP CAREER
56. *=====
57. label var start "Start date of MP's parliamentary service"
58. rename _end end
59. label var end          "End date of MP's parliamentary service"
60.
61. *--- Rank of MP -----
62. label define rank_label ///
>   1 "pm" 2 "dpm" 3 "minister" 4 "sms" 5 "mos" 6 "mayor" 7 "sps" ///
>   8 "parl sec" 9 "speaker" 10 "mp" 11 "ncmp" 12 "nmp"
63. encode rank, gen(mp_rank) label(rank_label)
64. drop rank

```

```

65. rename mp_rank rank
66. label var rank "Rank of MP at time of speech"
67. fvset base 10 rank    // base: Member of Parliament

68.
69. *--- Tenure -----
70. gen _tenure = tenure / 365

71. drop tenure

72. rename _tenure tenure

73. label var tenure "Seniority of politician at time of speech (years)"

74.
75. gen tenure2 = tenure^2

76. label var tenure2 "Square of tenure"

77.
78. *-----
79. * INDIVIDUAL DEMOGRAPHICS
80. *-----
81. label var dob    "Date of birth of MP"

82. label var yob    "Year of birth of MP"

83.
84. *--- Gender (0 = male, 1 = female) -----
85. label define gender_label 0 "male" 1 "female"

86. encode gender, gen(sex) label(gender_label)

87. drop gender

88. rename sex gender

89. fvset base 0 gender

90. label var gender "Gender of politician"

91.
92. *--- Race -----
93. label define race_label 0 "chinese" 1 "malay" 2 "indian" 3 "eurasian"

94. encode race, gen(ethnic) label(race_label)

95. drop race

96. rename ethnic race

97. fvset base 0 race

98. label var race "Race of politician (Chinese, Malay, Indian, Eurasian/other)"

99.
100. *--- Age -----
101. gen _age = age / 365

```

```

102 drop age
103 rename _age age
104 label var age "Age of politician at time of speech (years)"
105
106 gen age2      = age^2
107 label var age2 "Square of age"
108
109 *=====
110 * MINISTRY
111 *=====
112 label var MND      "=1 if speech made while at Ministry of National Development"
113 label var MinDef   "=1 if speech made while at Ministry of Defence"
114 label var MFA      "=1 if speech made while at Ministry of Foreign Affairs"
115 label var MinLaw   "=1 if speech made while at Ministry of Law"
116 label var MHA      "=1 if speech made while at Ministry of Home Affairs"
117 label var MOT      "=1 if speech made while at Ministry of Transport"
118 label var MOF      "=1 if speech made while at Ministry of Finance"
119 label var MOM      "=1 if speech made while at Ministry of Manpower"
120 label var MTI      "=1 if speech made while at Ministry of Trade and Industry"
121 label var MCCY     "=1 if speech made while at Ministry of Culture, Community and Youth"
122 label var MSF      "=1 if speech made while at Ministry of Social and Family Development"
123 label var MOH      "=1 if speech made while at Ministry of Health"
124 label var PMO      "=1 if speech made while at Prime Minister's Office"
125 label var MEWR     "=1 if speech made while at Ministry of the Environment and Water Resources"
126 label var MCI      "=1 if speech made while at Ministry of Communications and Information"
127 label var MOE      "=1 if speech made while at Ministry of Education"
128
129 recode MFA PMO MEWR MCI MTI MHA MCCY MinLaw MOH MOM MinDef MSF MOT MND MOF MOE (. =
> 0)
(MFA: 13913 changes made)
(PMO: 14288 changes made)
(MEWR: 14348 changes made)
(MCI: 14173 changes made)
(MTI: 14135 changes made)
(MHA: 13392 changes made)
(MCCY: 14301 changes made)
(MinLaw: 13971 changes made)
(MOH: 14054 changes made)
(MOM: 14058 changes made)
(MinDef: 13790 changes made)
(MSF: 14693 changes made)
(MOT: 13884 changes made)
(MND: 13741 changes made)
(MOF: 13401 changes made)
(MOE: 13792 changes made)

```

```

130
131 *=====
132 * STRING SIMILARITY AND SEMANTIC MATCHING
133 *=====
134
135 *--- String similarity 1 (partialscore) -----
136 rename partialscore_quote_to_fullspeech ssl_quote_to_speech

137 label var ssl_quote_to_speech          "String similarity score 1 for quote to spe
> ech"

138
139 rename partialscore_quote_to_paragraph ssl_quote_to_paragraph

140 label var ssl_quote_to_paragraph       "String similarity score 1 for quote to par
> agraph"

141
142 rename partialscore_quote_to_sentence  ssl_quote_to_sentence

143 label var ssl_quote_to_sentence        "String similarity score 1 for quote to sen
> tence"

144
145 rename _partialscore_speech            _ssl_quote_to_speech

146 label var _ssl_quote_to_speech         "(no stopwords) string similarity score 1 f
> or quote to speech"

147
148 rename _partialscore_paragraph         _ssl_quote_to_paragraph

149 label var _ssl_quote_to_paragraph      "(no stopwords) string similarity score 1 f
> or quote to paragraph"

150
151 rename _partialscore_sentence          _ssl_quote_to_sentence

152 label var _ssl_quote_to_sentence       "(no stopwords) string similarity score 1 f
> or quote to sentence"

153
154 *--- String similarity 2 (tokensetscore) -----
155 rename tokensetscore_quote_to_sentence ss2_quote_to_sentence

156 label var ss2_quote_to_sentence        "String similarity score 2 for quote to sen
> tence"

157
158 rename tokensetscore_quote_to_paragraph ss2_quote_to_paragraph

159 label var ss2_quote_to_paragraph       "String similarity score 2 for quote to par
> agraph"

160
161 rename tokensetscore_quote_to_fullspeec ss2_quote_to_speech

162 label var ss2_quote_to_speech          "String similarity score 2 for quote to spe
> ech"

```

```

163
164 rename tokensetscore_quote_to_sentence_ _ss2_quote_to_sentence

165 label var _ss2_quote_to_sentence      "(no stopwords) string similarity score 2 f
    > or quote to sentence"

166
167 rename _0tokensetscore_quote_to_paragra _ss2_quote_to_paragraph

168 label var _ss2_quote_to_paragraph      "(no stopwords) string similarity score 2 f
    > or quote to paragraph"

169
170 rename _1tokensetscore_quote_to_fullspe _ss2_quote_to_speech

171 label var _ss2_quote_to_speech         "(no stopwords) string similarity score 2 f
    > or quote to speech"

172
173 *--- Semantic matching scores -----
174 replace ce_max_quote2speech = 100 * ce_max_quote2speech
    (14903 real changes made)

175 label var be_max_quote2speech "Best embedding-based biencoder score for quote to spe
    > ech"

176 label var ce_max_quote2speech "Cross-encoder semantic score for quote to speech (0-1
    > 00)"

177
178 *=====
179 * CONSTITUENCY AND ELECTORAL VARIABLES
180 *=====
181 rename num group_size

182 label var group_size                  "Politician size of constituency (1 to 6)"

183
184 label var voters                      "Electoral size of constituency for current parliam
    > ent"

185 label var valid_votes                "Number of valid votes in constituency"

186 label var winners_majority           "Number of votes for winning party/candidate"

187 label var vote                      "Number of votes for current parliament"

188 label var vote_share                 "Percentage of votes for current parliament"

189 label var winners_majority_share      "Winners' majority share (percent of valid votes)"

190 label var swing                      "Electoral swing in ruling party vote share (percen
    > tage points)"

191
192 *=====
193 * PARLIAMENT, YEAR, ELECTION TIMING, WEEKDAY
194 *=====
195 *--- Parliament life: dummies + factor -----
196 label var parl10 "=1 if speech occurred in 10th Parliament"

```

```

197 label var parl11 "=1 if speech occurred in 11th Parliament"
198 label var parl12 "=1 if speech occurred in 12th Parliament"
199 label var parl13 "=1 if speech occurred in 13th Parliament"
200
201 label define parl_label 0 "10th parliament" 1 "11th parliament" 2 "12th parliament"
    > 3 "13th parliament"
202 encode parl, gen(parliament) label(parl_label)
203 drop parl
204 rename parliament parl
205 fvset base 0 parl
206 label var parl "Parliament life (categorical)"
207
208 *=====
209 * ELECTION TIMING INDICATORS
210 *=====
211 *--- General elections -----
212 label var ge2006      "=1 if article published in year of General Election 2006"
213 label var ge2011      "=1 if article published in year of General Election 2011"
214 label var ge2015      "=1 if article published in year of General Election 2015"
215
216 label var ge2006_1mth  "=1 if article within 1 month of General Election 2006"
217 label var ge2006_3mths "=1 if article within 3 months of General Election 2006"
218 label var ge2006_6mths "=1 if article within 6 months of General Election 2006"
219
220 label var ge2011_1mth  "=1 if article within 1 month of General Election 2011"
221 label var ge2011_3mths "=1 if article within 3 months of General Election 2011"
222 label var ge2011_6mths "=1 if article within 6 months of General Election 2011"
223
224 label var ge2015_1mth  "=1 if article within 1 month of General Election 2015"
225 label var ge2015_3mths "=1 if article within 3 months of General Election 2015"
226 label var ge2015_6mths "=1 if article within 6 months of General Election 2015"
227
228 *--- By-elections -----
229 label var be2012      "=1 if article published in year of By-election 2012"
230 label var be2013      "=1 if article published in year of By-election 2013"
231 label var be2016      "=1 if article published in year of By-election 2016"

```

```

232
233 label var be2012_1mth  "=1 if article within 1 month of By-election 2012"
234 label var be2012_3mths "=1 if article within 3 months of By-election 2012"
235 label var be2013_1mth  "=1 if article within 1 month of By-election 2013"
236 label var be2013_3mths "=1 if article within 3 months of By-election 2013"
237 label var be2016_1mth  "=1 if article within 1 month of By-election 2016"
238 label var be2016_3mths "=1 if article within 3 months of By-election 2016"

239
240 *--- Presidential elections -----
241 label var pe2005      "=1 if article published in year of Presidential Election 200
> 5"

242 label var pe2011      "=1 if article published in year of Presidential Election 201
> 1"

243
244 label var pe2005_1mth "=1 if article within 1 month of Presidential Election 2005"
245 label var pe2005_3mths "=1 if article within 3 months of Presidential Election 2005"
246 label var pe2005_6mths "=1 if article within 6 months of Presidential Election 2005"

247
248 label var pe2011_1mth "=1 if article within 1 month of Presidential Election 2011"
249 label var pe2011_3mths "=1 if article within 3 months of Presidential Election 2011"
250 label var pe2011_6mths "=1 if article within 6 months of Presidential Election 2011"

251
252 *=====
253 * ARTICLE-LEVEL VARIABLES: SECTION, AUTHOR, LANGUAGE, BEAT
254 *=====
255 * Encoded section with 'others' as base
256 label define section2_label ///
>   1 "home" 2 "insight" 3 "money" 4 "news" 5 "opinion" 6 "others" ///
>   7 "prime news" 8 "review - insight" 9 "singapore" 10 "sports" ///
>   11 "st" 12 "think" 13 "top of the news" 14 "world"

257 encode section2, gen(sect2) label(section2_label)

258 drop section2

259 rename sect2 section2

260 fvset base 6 section2

261 label var section2 "Section of article (base: others)"

262
263 * Language / translation flags
264 label var malay      "=1 if quote is in Malay"

265 label var mandarin   "=1 if quote is in Mandarin"

```



```

266 label var tamil          "=1 if quote is in Tamil"
267 label var vernacular     "=1 if quote is in a non-English vernacular language"
268 label var translations   "=1 if quote translated from vernacular to English"

269
270 * Author and beat
271 rename author_cleaned2 authorID

272 label var authorID "Author ID"

273
274 encode beat, gen(beat2)

275 drop beat

276 rename beat2 beat

277 label var beat "Beat assignment of reporter"

278
279 *--- Weekday of publication -----
280 label define weekday_label ///
    > 1 "monday" 2 "tuesday" 3 "wednesday" 4 "thursday" 5 "friday" 6 "saturday" 7 "sun
    > day"

281 encode weekday, gen(dayofweek) label(weekday_label)

282 drop weekday

283 rename dayofweek weekday

284 fvset base 1 weekday

285 label var weekday "Day of week of article publication"

286
287 *=====
288 * TEXT LENGTH
289 *=====
290 * Word counts
291 rename wordcount_quote      quote

292 label var quote            "Word count of quote"

293
294 rename wordcount_paragraph paragraph

295 label var paragraph        "Word count of paragraph"

296
297 rename wordcount_fullspeech speech

298 label var speech           "Word count of full speech"

299
300 rename wordcount            article

301 label var article           "Article length (words)"

```

```

302
303 * Character counts
304 rename char_count_quote      quote_char

305 label var quote_char          "Character count of quote"

306
307 rename char_count_paragraph paragraph_char

308 label var paragraph_char      "Character count of paragraph"

309
310 rename char_count_fullspeech speech_char

311 label var speech_char         "Character count of speech"

312
313 rename article_len_char       article_char

314 label var article_char        "Article length (characters)"

315
316 * Log transformations
317 #delimit ;
    delimiter now ;
318 global log_variables "
    > quote
    > quote_char
    > paragraph
    > paragraph_char
    > speech
    > speech_char
    > article
    > article_char
    > ";

319 #delimit cr
    delimiter now cr
320
321 foreach var in $log_variables {
    2.     gen ln_`var' = ln(`var')
    3.     label var ln_`var' "ln of `var'"
    4. }
    (2 missing values generated)
    (2 missing values generated)

322
323 *=====
324 * TOPIC DISTRIBUTIONS
325 *=====
326
327 * 50-topic models: quote, speech, article
328 forvalues i = 1/50 {
    2.     label var quote_50K_`i'    "Probability for topic `i'/50 for quote"
    3.     label var speech_50K_`i'   "Probability for topic `i'/50 for speech"
    4.     label var article_50K_`i'  "Probability for topic `i'/50 for article"
    5. }

329
330 * 92-topic models: quote, speech, sentence

```

```

331 forvalues i = 1/92 {
332     2.    label var quote_92K_`i'    "Probability for topic `i'/92 for quote"
333     3.    label var speech_92K_`i'   "Probability for topic `i'/92 for speech"
334     4.    label var sentence_92K_`i' "Probability for topic `i'/92 for sentence"
335     5. }

336 * 100-topic models: quote, speech
337 forvalues i = 1/100 {
338     2.    label var quote_100K_`i'   "Probability for topic `i'/100 for quote"
339     3.    label var speech_100K_`i'  "Probability for topic `i'/100 for speech"
340     4. }

341 * Article-level topic models (30 and 40 topics)
342 forvalues i = 1/30 {
343     2.    label var article_30K_`i'  "Probability for topic `i'/30 for article"
344     3. }

345 forvalues i = 1/40 {
346     2.    label var article_40K_`i'  "Probability for topic `i'/40 for article"
347     3. }

348 *=====
349 * LEXICAL RICHNESS
350 *=====
351 label var ttr      "Type-token ratio"
352 label var rttr     "Root type-token ratio"
353 label var cttr     "Corrected type-token ratio"
354 label var herdan   "Herdan's C lexical diversity"
355 label var summer   "Summer lexical diversity index"
356 label var dugast   "Dugast lexical diversity index"
357 label var maas     "Maas lexical diversity index"
358 label var msttr    "Mean segmental type-token ratio"
359 label var mattr    "Moving-average type-token ratio"
360 label var mtld     "Measure of textual lexical diversity"
361 label var hdd      "Hypergeometric distribution diversity"

362 *=====
363 * READABILITY
364 *=====
365 label var dalechall "Dale-Chall readability index"
366 label var flesch    "Flesch reading easse score"
367 label var fleschkincaid "Flesch-Kincaid grade level"

```

```

362 label var gunningfog      "Gunning-Fog readability index"
363 label var smog            "SMOG readability index"
364 label var notdalechall    "Share of difficult words (not in Dale-Chall list)"
365 label var polysyllable    "Number of polysyllabic words (more than 3 syllables)"
366 label var syllables      "Total number of syllables"
367 label var sentences       "Total number of sentences"

368
369 *=====
370 * SUBJECTIVITY, OBJECTIVITY, POLARITY
371 *=====
372 * Subjectivity (0 = objective, 1 = subjective)
373 gen speech_objectivity    = 1 - speech_subjectivity

374 label var speech_subjectivity "Speech subjectivity (0 objective - 1 subjective)"

375
376 gen para_objectivity      = 1 - para_subjectivity
    (2 missing values generated)

377 label var para_subjectivity "Paragraph subjectivity (0-1)"

378
379 gen sentence_objectivity  = 1 - sentence_subjectivity
    (2 missing values generated)

380 label var sentence_subjectivity "Sentence subjectivity (0-1)"

381
382 gen quote_objectivity     = 1 - quote_subjectivity

383 label var quote_subjectivity "Quote subjectivity (0-1)"

384
385 gen quote_sentence_objectivity = 1 - quote_sentence_subjectivity
    (1 missing value generated)

386 label var quote_sentence_subjectivity "Quote sentence subjectivity (0-1)"

387
388 label var speech_objectivity      "Speech objectivity (0 objective - 1 subjective
> )"

389 label var para_objectivity        "Paragraph objectivity (0-1)"

390 label var sentence_objectivity    "Sentence objectivity (0-1)"

391 label var quote_objectivity       "Quote objectivity (0-1)"

392 label var quote_sentence_objectivity "Quote sentence objectivity (0-1)"

393
394 * Polarity (-1 = negative, +1 = positive)
395 label var speech_polarity         "Speech polarity (-1 negative to +1 positive), Pat
> ternAnalyzer"

```

```

396 label var para_polarity          "Paragraph polarity (-1 to +1), PatternAnalyzer"
397 label var sentence_polarity      "Sentence polarity (-1 to +1), PatternAnalyzer"
398 label var quote_polarity         "Quote polarity (-1 to +1), PatternAnalyzer"
399 label var quote_sentence_polarity "Quote sentence polarity (-1 to +1), PatternAnalyz
> er"

400
  end of do-file

401
402 global TABSAVEDIR ../results/tables

403 global FIGSAVEDIR ../results/figures

404 global graphformats png pdf eps tif

405
406
407 *=====
408 * Global macros
409 *=====
410 #delimit;
  delimiter now ;
411 global time
  >         i.parl
  >         i.year
  > ;

412 global ind
  >         i.gender
  >         i.race
  >         c.age
  >         c.age2
  >         c.tenure
  >         c.tenure2
  > ;

413     global article
  >         i.weekday
  >         i.section2
  >         translations
  > ;

414     global portfolio
  >         MFA
  >         PMO
  >         MEWR
  >         MCI
  >         MTI
  >         MHA
  >         MCCY
  >         MinLaw
  >         MOH
  >         MOM
  >         MinDef
  >         MSF
  >         MOT
  >         MND
  >         MOF
  >         MOE
  >         speaker
  > ;

```

```
415     global electoral
>     c.group_size
>     c.voters
>     c.vote_share
>     c.winners_majority_share
> ;

416     global topics
>     speech_92K*
>     quote_92K*
>     article_40K*
> ;

417     global objectivity
>     speech_objectivity
>     para_objectivity
>     sentence_objectivity
>     quote_objectivity
>     quote_sentence_objectivity
> ;

418     global polarity
>     speech_polarity
>     para_polarity
>     sentence_polarity
>     quote_polarity
>     quote_sentence_polarity
> ;

419     global readability
>     flesch
>     fleschkincaid
>     gunningfog
>     smog
>     dalechall
>     notdalechall
>     sentences
>     syllables
>     polysyllable
> ;

420     global lexical
>     ttr
>     rttr
>     cttr
>     herdan
>     summer
>     dugast
>     maas
>     msttr
>     mattr
>     mtld
>     hdd
> ;

421     global length_s
>     quote
>     speech
>     article
> ;
```

```

422 global length_s
>   ln_quote
>   ln_speech
>   ln_article
> ;

423 assert_macros "portfolio time ind article topics";
Checking portfolio:
portfolio contains: MFA      PMO      MEWR      MCI      MTI      MHA      MCCY      MinLaw
>   MOH      MOM      MinDef      MSF      MOT      MND      MOF      MOE      speaker
Checking time:
time contains: i.parl      i.year
Checking ind:
ind contains: i.gender      i.race      c.age      c.age2      c.tenure      c.tenure2
Checking article:
article contains: i.weekday      i.section2      translations
Checking topics:
topics contains: speech_92K*      quote_92K*      article_40K*

424 global min
>   i.rank
>   $portfolio
>   i.rank#($portfolio)
> ;

425 global base_controls
>   $time
>   $ind
>   $article
>   $topics
> ;

426 global base_controls_min
>   $time
>   $ind
>   $article
>   $topics
>   $min
> ;

427 #delimit cr
delimter now cr
428
429 *=====
430 * COEFFICIENT LABELS
431 *=====
432 #delimit;
delimter now ;
433 global coeff_labels
>   "
>   1.opposition "Opposition"
>   1.opposition#c.trend "Opposition $\times$ Year"
>   trend "Year"
>   pcl_objectivity "Objectivity of speech and quote"
>   pcl_polarity "Polarity of speech and quote"
>   pcl_readability "Grade/readability score of speech transcript"
>   pcl_lexical "Lexical richness of speech transcript"
>   "
> ;

```

```

434 #delimit cr
    delimiter now cr
435
end of do-file

```

```

436
437 tictoc tic 1

```

---

```

----- Time log -----
Start time:  2 Dec 2025 12:07:55

```

---

```

438 assert_macros "length_s base_controls min"
Checking length_s:
length_s contains: ln_quote      ln_speech      ln_article
Checking base_controls:
base_controls contains: i.parl      i.year      i.gender      i.race      c.age      c.
> age2      c.tenure      c.tenure2      i.weekday      i.section2      translations      sp
> eeck_92K*      quote_92K*      article_40K*
Checking min:
min contains: i.rank      MFA      PMO      MEWR      MCI      MTI      MHA      MCCY      Min
> Law      MOH      MOM      MinDef      MSF      MOT      MND      MOF      MOE      speaker
>      i.rank#(MFA      PMO      MEWR      MCI      MTI      MHA      MCCY      MinLaw      MOH
>      MOM      MinDef      MSF      MOT      MND      MOF      MOE      speaker)

```

```

439
440 grstyle init

```

```

441 grstyle set plain, horizontal nogrid

```

```

442 grstyle set lpattern dash solid

```

```

443
444 foreach acc of varlist ssl_quote_to_speech ss2_quote_to_speech ce_max_quote2speech {
    2.      reg `acc' i.opposition##i.year $length_s $base_controls $min, vce(cluster
      >      article_id)
    3.      margins i.opposition, over(year)
    4.
445      // plot
446      #delimit ;
    delimiter now ;
447      marginsplot,
      >      level(95)
      >      recast(connection)
      >      xdimension(year)
      >      plotlopts(
      >          lcolor(gs10)
      >          lwidth(medium)
      >          mcolor(gs15)
      >          msize(vlarge)
      >          mlcolor(gs7)
      >          mlwidth(thin)
      >      )
      >      plot2opts(
      >          lcolor("120 141 134")
      >          lwidth(medium)
      >          mcolor("59 77 71")
      >          msize(vlarge)
      >          mlcolor(gs7)
      >          mlwidth(thin)
      >      )
      >      cilopts(
      >          color(gs12)
      >          lwidth(thin)
      >      )
      >      ci2opts(
      >          color("120 141 134")
      >          lwidth(thin)
      >      )
      >      legend(
      >          order(
      >              2 "Opposition"

```



```

>             1 `Government" ' `(baseline)" '
>             )
>             position(4)
>             ring(0)
>             cols(1)
>             size(huge)
>             region(lstyle(none))
>             bmargin(vsmall)
>         )
>         title("")
>         ytitle("Model-predicted accuracy", size(huge))
>         xtitle("")
>         xlabel(, labsize(vlarge) angle(35) )
>         ylabel(60 70 80 90 100, labsize(vlarge))
>         yscale(range(54 105))
>         plotregion( lstyle(none) lcolor(black) )
>         graphregion( color(white) margin(0 0 0 0) )
>         name(`acc`)
>     ;
5.         #delimit cr
delimitter now cr
448         savefig, path($FIGSAVEDIR/pred-margins-year-`acc') format($graphformats) ove
>         rride(width(1200))
6.
449 }
note: 3.parl omitted because of collinearity
note: speech_92K_92 omitted because of collinearity
note: quote_92K_92 omitted because of collinearity
note: article_40K_40 omitted because of collinearity
note: 1.rank#1.MFA identifies no observations in the sample
note: 2.rank#1.MFA identifies no observations in the sample
note: 6.rank#1.MFA omitted because of collinearity
note: 7.rank#1.MFA identifies no observations in the sample
note: 8.rank#1.MFA identifies no observations in the sample
note: 9.rank#1.MFA identifies no observations in the sample
note: 10b.rank#1.MFA identifies no observations in the sample
note: 11.rank#1.MFA identifies no observations in the sample
note: 12.rank#1.MFA identifies no observations in the sample
note: 1.rank#1.PMO identifies no observations in the sample
note: 2.rank#1.PMO identifies no observations in the sample
note: 5.rank#1.PMO omitted because of collinearity
note: 6.rank#1.PMO identifies no observations in the sample
note: 7.rank#1.PMO identifies no observations in the sample
note: 8.rank#1.PMO identifies no observations in the sample
note: 9.rank#1.PMO identifies no observations in the sample
note: 10b.rank#1.PMO identifies no observations in the sample
note: 11.rank#1.PMO identifies no observations in the sample
note: 12.rank#1.PMO identifies no observations in the sample
note: 1.rank#1.MEWR identifies no observations in the sample
note: 2.rank#1.MEWR identifies no observations in the sample
note: 7.rank#1.MEWR omitted because of collinearity
note: 8.rank#1.MEWR identifies no observations in the sample
note: 9.rank#1.MEWR identifies no observations in the sample
note: 10b.rank#1.MEWR identifies no observations in the sample
note: 11.rank#1.MEWR identifies no observations in the sample
note: 12.rank#1.MEWR identifies no observations in the sample
note: 1.rank#1.MCI identifies no observations in the sample
note: 2.rank#1.MCI identifies no observations in the sample
note: 6.rank#1.MCI identifies no observations in the sample
note: 8.rank#1.MCI omitted because of collinearity
note: 9.rank#1.MCI identifies no observations in the sample
note: 10b.rank#1.MCI identifies no observations in the sample
note: 11.rank#1.MCI identifies no observations in the sample
note: 12.rank#1.MCI identifies no observations in the sample
note: 1.rank#1.MTI identifies no observations in the sample
note: 2.rank#1.MTI identifies no observations in the sample
note: 7.rank#1.MTI omitted because of collinearity
note: 8.rank#1.MTI omitted because of collinearity
note: 9.rank#1.MTI identifies no observations in the sample
note: 10b.rank#1.MTI identifies no observations in the sample
note: 11.rank#1.MTI identifies no observations in the sample
note: 12.rank#1.MTI identifies no observations in the sample

```



note: 4.rank#1.MOF omitted because of collinearity  
 note: 5.rank#1.MOF omitted because of collinearity  
 note: 6.rank#1.MOF identifies no observations in the sample  
 note: 7.rank#1.MOF identifies no observations in the sample  
 note: 8.rank#1.MOF identifies no observations in the sample  
 note: 9.rank#1.MOF identifies no observations in the sample  
 note: 10b.rank#1.MOF identifies no observations in the sample  
 note: 11.rank#1.MOF identifies no observations in the sample  
 note: 12.rank#1.MOF identifies no observations in the sample  
 note: 1.rank#1.MOE identifies no observations in the sample  
 note: 2.rank#1.MOE identifies no observations in the sample  
 note: 6.rank#1.MOE omitted because of collinearity  
 note: 8.rank#1.MOE omitted because of collinearity  
 note: 9.rank#1.MOE identifies no observations in the sample  
 note: 10b.rank#1.MOE identifies no observations in the sample  
 note: 11.rank#1.MOE identifies no observations in the sample  
 note: 12.rank#1.MOE identifies no observations in the sample  
 note: 1.rank#1.speaker identifies no observations in the sample  
 note: 2.rank#1.speaker identifies no observations in the sample  
 note: 3.rank#1.speaker identifies no observations in the sample  
 note: 5.rank#1.speaker identifies no observations in the sample  
 note: 6.rank#1.speaker identifies no observations in the sample  
 note: 7.rank#1.speaker identifies no observations in the sample  
 note: 8.rank#1.speaker identifies no observations in the sample  
 note: 10b.rank#1.speaker omitted because of collinearity  
 note: 11.rank#1.speaker identifies no observations in the sample  
 note: 12.rank#1.speaker identifies no observations in the sample

Linear regression

Number of obs = **14901**  
 $F(362, 3420) =$  .  
 Prob > F = .  
 R-squared = **0.1827**  
 Root MSE = **11.74**

(Std. Err. adjusted for **3421** clusters in article\_id)

ssl_quote_to_sp~h	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.opposition	<b>-6.987664</b>	<b>3.257571</b>	<b>-2.15</b>	<b>0.032</b>	<b>-13.37465</b>	<b>-.6006811</b>
year						
2006	<b>4.793643</b>	<b>1.196263</b>	<b>4.01</b>	<b>0.000</b>	<b>2.44818</b>	<b>7.139105</b>
2007	<b>3.329281</b>	<b>2.160824</b>	<b>1.54</b>	<b>0.123</b>	<b>-.9073563</b>	<b>7.565919</b>
2008	<b>3.703993</b>	<b>2.172208</b>	<b>1.71</b>	<b>0.088</b>	<b>-.5549636</b>	<b>7.96295</b>
2009	<b>4.376694</b>	<b>2.089724</b>	<b>2.09</b>	<b>0.036</b>	<b>.2794606</b>	<b>8.473926</b>
2010	<b>4.087762</b>	<b>2.139298</b>	<b>1.91</b>	<b>0.056</b>	<b>-.1066706</b>	<b>8.282194</b>
2011	<b>2.082264</b>	<b>2.177423</b>	<b>0.96</b>	<b>0.339</b>	<b>-2.186918</b>	<b>6.351446</b>
2012	<b>.3708076</b>	<b>2.468393</b>	<b>0.15</b>	<b>0.881</b>	<b>-4.468866</b>	<b>5.210482</b>
2013	<b>.9355319</b>	<b>2.513189</b>	<b>0.37</b>	<b>0.710</b>	<b>-3.991971</b>	<b>5.863035</b>
2014	<b>1.699121</b>	<b>2.455624</b>	<b>0.69</b>	<b>0.489</b>	<b>-3.115517</b>	<b>6.51376</b>
2015	<b>2.344342</b>	<b>2.505065</b>	<b>0.94</b>	<b>0.349</b>	<b>-2.567234</b>	<b>7.255918</b>
2016	<b>6.517661</b>	<b>1.225226</b>	<b>5.32</b>	<b>0.000</b>	<b>4.115412</b>	<b>8.91991</b>
opposition#year						
1 2006	<b>-1.963194</b>	<b>4.48171</b>	<b>-0.44</b>	<b>0.661</b>	<b>-10.75029</b>	<b>6.823906</b>
1 2007	<b>6.695995</b>	<b>3.636152</b>	<b>1.84</b>	<b>0.066</b>	<b>-.4332558</b>	<b>13.82525</b>
1 2008	<b>1.52928</b>	<b>4.940845</b>	<b>0.31</b>	<b>0.757</b>	<b>-8.158027</b>	<b>11.21659</b>
1 2009	<b>7.388469</b>	<b>4.285896</b>	<b>1.72</b>	<b>0.085</b>	<b>-1.014706</b>	<b>15.79164</b>
1 2010	<b>.5838707</b>	<b>4.784064</b>	<b>0.12</b>	<b>0.903</b>	<b>-8.796042</b>	<b>9.963783</b>
1 2011	<b>4.243963</b>	<b>3.670237</b>	<b>1.16</b>	<b>0.248</b>	<b>-2.952116</b>	<b>11.44004</b>
1 2012	<b>6.306556</b>	<b>3.382752</b>	<b>1.86</b>	<b>0.062</b>	<b>-.3258635</b>	<b>12.93897</b>
1 2013	<b>8.398396</b>	<b>3.464436</b>	<b>2.42</b>	<b>0.015</b>	<b>1.605822</b>	<b>15.19097</b>
1 2014	<b>6.897366</b>	<b>3.318275</b>	<b>2.08</b>	<b>0.038</b>	<b>.3913634</b>	<b>13.40337</b>
1 2015	<b>4.56012</b>	<b>3.334537</b>	<b>1.37</b>	<b>0.172</b>	<b>-1.977765</b>	<b>11.09801</b>
1 2016	<b>4.919326</b>	<b>3.351198</b>	<b>1.47</b>	<b>0.142</b>	<b>-1.651228</b>	<b>11.48988</b>
ln_quote	<b>-2.658535</b>	<b>.1061278</b>	<b>-25.05</b>	<b>0.000</b>	<b>-2.866615</b>	<b>-2.450454</b>
ln_speech	<b>-.5149784</b>	<b>.1603426</b>	<b>-3.21</b>	<b>0.001</b>	<b>-.8293553</b>	<b>-.2006014</b>
ln_article	<b>.2941438</b>	<b>.4745157</b>	<b>0.62</b>	<b>0.535</b>	<b>-.6362191</b>	<b>1.224507</b>
parl						

11th parliament	.8561358	1.806745	0.47	0.636	-2.686273	4.398545
12th parliament	4.286286	2.261573	1.90	0.058	-.1478852	8.720457
13th parliament	0	(omitted)				
gender						
female	.1414639	.4194155	0.34	0.736	-.6808664	.9637942
race						
malay	.9115406	.5938441	1.53	0.125	-.2527845	2.075866
indian	-.4569852	.5361923	-0.85	0.394	-1.508275	.5943045
eurasian	1.876194	.8286793	2.26	0.024	.2514375	3.500951
age	-.2702616	.2426195	-1.11	0.265	-.7459554	.2054322
age2	.0023392	.0025616	0.91	0.361	-.0026831	.0073616
tenure	.1540132	.0798301	1.93	0.054	-.0025062	.3105327
tenure2	-.0051659	.0027347	-1.89	0.059	-.0105278	.000196
weekday						
tuesday	-1.583933	.9676292	-1.64	0.102	-3.481123	.3132567
wednesday	-.8375306	1.014899	-0.83	0.409	-2.827401	1.15234
thursday	-1.953925	1.019555	-1.92	0.055	-3.952923	.0450739
friday	-3.81558	1.140062	-3.35	0.001	-6.050852	-1.580308
saturday	-3.07273	1.12581	-2.73	0.006	-5.280059	-.8654009
sunday	12.26711	6.073091	2.02	0.043	.3598553	24.17436
section2						
home	.1719667	3.283334	0.05	0.958	-6.265528	6.609461
insight	.6927583	3.983928	0.17	0.862	-7.118362	8.503878
money	1.526656	4.799866	0.32	0.750	-7.884239	10.93755
news	-16.73161	7.126898	-2.35	0.019	-30.70502	-2.758199
opinion	-3.139794	4.384392	-0.72	0.474	-11.73609	5.456499
prime news	.2034868	3.244621	0.06	0.950	-6.158105	6.565078
review - insight	4.741895	6.394857	0.74	0.458	-7.796231	17.28002
singapore	-.5695848	3.223267	-0.18	0.860	-6.889308	5.750139
sports	.5456304	5.91366	0.09	0.926	-11.04903	12.14029
st	.2542647	3.358593	0.08	0.940	-6.330788	6.839317
think	-16.28238	8.190139	-1.99	0.047	-32.34044	-.2243228
top of the news	-1.342743	3.265474	-0.41	0.681	-7.74522	5.059734
world	.114557	4.533502	0.03	0.980	-8.77409	9.003204
translations	-8.16172	1.830994	-4.46	0.000	-11.75167	-4.571768
speech_92K_1	6.906173	5.521093	1.25	0.211	-3.918801	17.73115
speech_92K_2	1.481287	3.907047	0.38	0.705	-6.179094	9.141669
speech_92K_3	-2.583671	4.337213	-0.60	0.551	-11.08746	5.92012
speech_92K_4	8.533472	4.611534	1.85	0.064	-.5081679	17.57511
speech_92K_5	3.77936	9.137723	0.41	0.679	-14.13659	21.69531
speech_92K_6	-.9234338	5.468065	-0.17	0.866	-11.64444	9.797571
speech_92K_7	6.526121	3.913558	1.67	0.095	-1.147027	14.19927
speech_92K_8	10.60403	4.075733	2.60	0.009	2.612916	18.59515
speech_92K_9	15.96509	7.869774	2.03	0.043	.5351539	31.39502
speech_92K_10	.9885677	3.878208	0.25	0.799	-6.615271	8.592407
speech_92K_11	2.531248	3.607109	0.70	0.483	-4.541059	9.603554
speech_92K_12	-.4320575	8.20081	-0.05	0.958	-16.51104	15.64693
speech_92K_13	-7.855274	6.060947	-1.30	0.195	-19.73872	4.02817
speech_92K_14	1.546819	4.124242	0.38	0.708	-6.539408	9.633046
speech_92K_15	4.120877	6.624213	0.62	0.534	-8.866938	17.10869
speech_92K_16	-.595245	5.034335	-0.12	0.906	-10.46585	9.275363
speech_92K_17	-6.480527	4.349482	-1.49	0.136	-15.00837	2.04732
speech_92K_18	6.567019	7.077933	0.93	0.354	-7.310386	20.44442
speech_92K_19	5.676785	3.645305	1.56	0.119	-1.470411	12.82398
speech_92K_20	9.116563	3.583769	2.54	0.011	2.090018	16.14311
speech_92K_21	1.731347	3.565919	0.49	0.627	-5.2602	8.722894
speech_92K_22	6.766224	4.685611	1.44	0.149	-2.420657	15.9531
speech_92K_23	1.665274	2.975872	0.56	0.576	-4.169394	7.499941
speech_92K_24	-3.051623	3.557574	-0.86	0.391	-10.02681	3.923564
speech_92K_25	1.367393	5.900035	0.23	0.817	-10.20056	12.93534
speech_92K_26	-11.19906	7.70595	-1.45	0.146	-26.30779	3.909672
speech_92K_27	3.008437	7.183641	0.42	0.675	-11.07622	17.0931
speech_92K_28	8.774762	5.401524	1.62	0.104	-1.815779	19.3653
speech_92K_29	-1.050052	4.492931	-0.23	0.815	-9.859152	7.759049
speech_92K_30	-10.04432	5.21866	-1.92	0.054	-20.27633	.1876868
speech_92K_31	5.050519	3.429892	1.47	0.141	-1.674326	11.77536

speech_92K_32	7.455656	6.889706	1.08	0.279	-6.0527	20.96401
speech_92K_33	8.466339	3.88842	2.18	0.030	.8424784	16.0902
speech_92K_34	2.764066	4.398845	0.63	0.530	-5.860565	11.3887
speech_92K_35	6.175993	4.632292	1.33	0.183	-2.906347	15.25833
speech_92K_36	6.768844	3.527639	1.92	0.055	-.1476496	13.68534
speech_92K_37	1.563345	6.055428	0.26	0.796	-10.30928	13.43597
speech_92K_38	-.2550395	9.341023	-0.03	0.978	-18.56959	18.05951
speech_92K_39	2.850105	5.265415	0.54	0.588	-7.473572	13.17378
speech_92K_40	-.7053982	4.601159	-0.15	0.878	-9.726697	8.315901
speech_92K_41	-.1371097	3.938589	-0.03	0.972	-7.859335	7.585115
speech_92K_42	-1.023686	5.925154	-0.17	0.863	-12.64089	10.59351
speech_92K_43	9.747041	4.294739	2.27	0.023	1.326527	18.16755
speech_92K_44	-1.800409	4.248418	-0.42	0.672	-10.1301	6.529286
speech_92K_45	1.036134	7.977219	0.13	0.897	-14.60446	16.67673
speech_92K_46	-.1592352	9.157067	-0.02	0.986	-18.11311	17.79464
speech_92K_47	12.03748	5.252576	2.29	0.022	1.738973	22.33598
speech_92K_48	4.054294	4.506193	0.90	0.368	-4.780809	12.8894
speech_92K_49	12.08437	5.365466	2.25	0.024	1.564531	22.60422
speech_92K_50	.5690829	7.457007	0.08	0.939	-14.05156	15.18972
speech_92K_51	2.664471	3.49501	0.76	0.446	-4.188047	9.516989
speech_92K_52	8.766642	3.716881	2.36	0.018	1.479109	16.05417
speech_92K_53	-1.509864	4.386918	-0.34	0.731	-10.11111	7.09138
speech_92K_54	11.67677	5.288489	2.21	0.027	1.307853	22.04569
speech_92K_55	8.021028	4.881902	1.64	0.100	-1.550711	17.59277
speech_92K_56	3.130288	7.885183	0.40	0.691	-12.32986	18.59043
speech_92K_57	-1.661772	4.5683	-0.36	0.716	-10.61865	7.295102
speech_92K_58	3.61253	4.641227	0.78	0.436	-5.487328	12.71239
speech_92K_59	.4464501	3.97762	0.11	0.911	-7.352302	8.245202
speech_92K_60	-2.143371	4.431119	-0.48	0.629	-10.83128	6.544537
speech_92K_61	1.60565	5.586548	0.29	0.774	-9.347658	12.55896
speech_92K_62	-2.951926	5.095605	-0.58	0.562	-12.94266	7.038812
speech_92K_63	10.90902	11.09385	0.98	0.326	-10.84223	32.66027
speech_92K_64	-6.727476	5.526488	-1.22	0.224	-17.56303	4.108075
speech_92K_65	5.053151	5.230954	0.97	0.334	-5.202961	15.30926
speech_92K_66	4.976037	4.030656	1.23	0.217	-2.926701	12.87877
speech_92K_67	-3.086786	3.942077	-0.78	0.434	-10.81585	4.642279
speech_92K_68	-8.968592	8.140808	-1.10	0.271	-24.92993	6.992748
speech_92K_69	-1.565968	4.66245	-0.34	0.737	-10.70744	7.575502
speech_92K_70	6.048393	4.709524	1.28	0.199	-3.185371	15.28216
speech_92K_71	-3.02658	6.678111	-0.45	0.650	-16.12007	10.06691
speech_92K_72	6.756376	4.418182	1.53	0.126	-1.906166	15.41892
speech_92K_73	7.012269	3.690057	1.90	0.057	-.2226696	14.24721
speech_92K_74	-2.120934	5.320998	-0.40	0.690	-12.55359	8.311723
speech_92K_75	-6.510358	8.456138	-0.77	0.441	-23.08995	10.06924
speech_92K_76	9.70262	4.131035	2.35	0.019	1.603075	17.80217
speech_92K_77	1.132975	4.978817	0.23	0.820	-8.628782	10.89473
speech_92K_78	-9.198913	13.89276	-0.66	0.508	-36.43787	18.04004
speech_92K_79	8.805539	5.840008	1.51	0.132	-2.644718	20.2558
speech_92K_80	4.852234	3.47393	1.40	0.163	-1.958955	11.66342
speech_92K_81	5.075384	4.550816	1.12	0.265	-3.847208	13.99798
speech_92K_82	-10.45582	9.900683	-1.06	0.291	-29.86767	8.956029
speech_92K_83	-.1541791	6.600601	-0.02	0.981	-13.0957	12.78734
speech_92K_84	-2.905876	6.161917	-0.47	0.637	-14.98729	9.175535
speech_92K_85	15.26675	4.479972	3.41	0.001	6.483056	24.05044
speech_92K_86	4.025044	4.408203	0.91	0.361	-4.617934	12.66802
speech_92K_87	3.457341	5.517918	0.63	0.531	-7.361408	14.27609
speech_92K_88	6.760239	4.304055	1.57	0.116	-1.678539	15.19902
speech_92K_89	7.148789	4.045683	1.77	0.077	-.7834112	15.08099
speech_92K_90	7.699194	5.695341	1.35	0.177	-3.467421	18.86581
speech_92K_91	10.04054	7.100385	1.41	0.157	-3.88089	23.96196
speech_92K_92	0	(omitted)				
quote_92K_1	3.04604	2.558264	1.19	0.234	-1.96984	8.061921
quote_92K_2	2.015225	1.93748	1.04	0.298	-1.783511	5.813961
quote_92K_3	2.015924	1.792896	1.12	0.261	-1.499331	5.531179
quote_92K_4	1.382804	1.97601	0.70	0.484	-2.491477	5.257084
quote_92K_5	2.649685	2.726756	0.97	0.331	-2.696551	7.995921
quote_92K_6	.4706374	2.369881	0.20	0.843	-4.175888	5.117163
quote_92K_7	1.473824	1.660888	0.89	0.375	-1.78261	4.730257
quote_92K_8	1.577427	2.084425	0.76	0.449	-2.509417	5.664271
quote_92K_9	2.43759	2.776683	0.88	0.380	-3.006535	7.881715
quote_92K_10	.4862892	1.831444	0.27	0.791	-3.104546	4.077124
quote_92K_11	1.592651	1.70294	0.94	0.350	-1.746232	4.931535

quote_92K_12	1.225782	2.696311	0.45	0.649	-4.060762	6.512326
quote_92K_13	4.567936	2.277691	2.01	0.045	.1021635	9.033709
quote_92K_14	-.3282685	1.706027	-0.19	0.847	-3.673205	3.016668
quote_92K_15	.9885362	2.335199	0.42	0.672	-3.58999	5.567062
quote_92K_16	-.4779982	2.144305	-0.22	0.824	-4.682247	3.72625
quote_92K_17	4.11272	2.528464	1.63	0.104	-.8447326	9.070173
quote_92K_18	3.796172	2.871368	1.32	0.186	-1.833598	9.425942
quote_92K_19	1.819374	1.797224	1.01	0.311	-1.704368	5.343115
quote_92K_20	-1.050248	2.146492	-0.49	0.625	-5.258784	3.158288
quote_92K_21	.1127555	1.965088	0.06	0.954	-3.740109	3.96562
quote_92K_22	.1081965	2.181605	0.05	0.960	-4.169184	4.385577
quote_92K_23	2.30677	1.581704	1.46	0.145	-.7944104	5.40795
quote_92K_24	.9976073	1.621432	0.62	0.538	-2.181467	4.176682
quote_92K_25	1.119268	2.491963	0.45	0.653	-3.766618	6.005154
quote_92K_26	2.159295	1.905257	1.13	0.257	-1.576262	5.894851
quote_92K_27	2.806325	2.298977	1.22	0.222	-1.7011897	7.313832
quote_92K_28	.5283359	2.664604	0.20	0.843	-4.69604	5.752712
quote_92K_29	-.743837	1.939954	-0.38	0.701	-4.547423	3.059749
quote_92K_30	2.416683	2.677402	0.90	0.367	-2.832786	7.666152
quote_92K_31	1.956108	1.715504	1.14	0.254	-1.407408	5.319624
quote_92K_32	1.710627	1.86402	0.92	0.359	-1.944079	5.365333
quote_92K_33	.889505	1.705289	0.52	0.602	-2.453983	4.232993
quote_92K_34	2.386959	2.241124	1.07	0.287	-2.007119	6.781037
quote_92K_35	3.341619	1.941098	1.72	0.085	-.46421	7.147448
quote_92K_36	1.34354	2.010578	0.67	0.504	-2.598515	5.285595
quote_92K_37	2.705776	2.00293	1.35	0.177	-1.221285	6.632837
quote_92K_38	.366625	2.419842	0.15	0.880	-4.377856	5.111107
quote_92K_39	3.841242	1.879788	2.04	0.041	.1556218	7.526863
quote_92K_40	.751549	2.077736	0.36	0.718	-3.322181	4.825279
quote_92K_41	1.874822	1.794187	1.04	0.296	-1.642966	5.39261
quote_92K_42	.7480205	2.034886	0.37	0.713	-3.241696	4.737736
quote_92K_43	2.253871	1.759583	1.28	0.200	-1.196069	5.703811
quote_92K_44	2.234924	1.813518	1.23	0.218	-1.320764	5.790611
quote_92K_45	-.6265066	2.257781	-0.28	0.781	-5.053242	3.800229
quote_92K_46	3.194697	2.908627	1.10	0.272	-2.508126	8.89752
quote_92K_47	.559447	2.260574	0.25	0.805	-3.872765	4.991659
quote_92K_48	4.215634	1.885659	2.24	0.025	.5185022	7.912765
quote_92K_49	.5845782	2.542204	0.23	0.818	-4.399813	5.56897
quote_92K_50	2.086247	2.955805	0.71	0.480	-3.709076	7.881569
quote_92K_51	1.169442	1.63663	0.71	0.475	-2.039429	4.378314
quote_92K_52	1.890101	1.854154	1.02	0.308	-1.74526	5.525462
quote_92K_53	.5362335	2.072264	0.26	0.796	-3.526767	4.599234
quote_92K_54	.207085	2.077058	0.10	0.921	-3.865315	4.279485
quote_92K_55	.5532952	1.823648	0.30	0.762	-3.022254	4.128845
quote_92K_56	1.312248	2.231628	0.59	0.557	-3.06321	5.687707
quote_92K_57	1.316712	1.836234	0.72	0.473	-2.283514	4.916938
quote_92K_58	-.9104702	2.790763	-0.33	0.744	-6.382201	4.561261
quote_92K_59	.7969763	1.938512	0.41	0.681	-3.003783	4.597735
quote_92K_60	2.853802	1.825178	1.56	0.118	-.7247474	6.432352
quote_92K_61	3.688096	2.060954	1.79	0.074	-.3527289	7.728922
quote_92K_62	.8027467	1.913891	0.42	0.675	-2.949739	4.555233
quote_92K_63	2.084551	2.945204	0.71	0.479	-3.689986	7.859089
quote_92K_64	2.271229	2.327725	0.98	0.329	-2.292643	6.835101
quote_92K_65	.5198427	2.178811	0.24	0.811	-3.752061	4.791746
quote_92K_66	2.560524	1.693872	1.51	0.131	-.76058	5.881628
quote_92K_67	.6967784	1.824418	0.38	0.703	-2.88028	4.273837
quote_92K_68	3.241909	2.443879	1.33	0.185	-1.549701	8.033519
quote_92K_69	2.486547	2.061534	1.21	0.228	-1.555415	6.528509
quote_92K_70	2.417047	1.982819	1.22	0.223	-1.470581	6.304676
quote_92K_71	1.574822	2.28832	0.69	0.491	-2.911179	6.061435
quote_92K_72	-1.610303	2.153728	-0.75	0.455	-5.833027	2.61242
quote_92K_73	-1.928254	2.055539	-0.94	0.348	-5.958463	2.101955
quote_92K_74	-.4536511	2.503818	-0.18	0.856	-5.362781	4.455479
quote_92K_75	3.218606	2.384819	1.35	0.177	-1.457209	7.894421
quote_92K_76	2.083996	1.622476	1.28	0.199	-1.097125	5.265117
quote_92K_77	-.2507502	2.375716	-0.11	0.916	-4.908717	4.407217
quote_92K_78	1.470297	2.615165	0.56	0.574	-3.657147	6.597741
quote_92K_79	2.760308	2.169714	1.27	0.203	-1.49376	7.014375
quote_92K_80	-.4446985	1.987778	-0.22	0.823	-4.34205	3.452653
quote_92K_81	2.489908	1.993713	1.25	0.212	-1.419082	6.398898
quote_92K_82	-3.544698	2.547677	-1.39	0.164	-8.53982	1.450425
quote_92K_83	-1.726652	2.269032	-0.76	0.447	-6.175447	2.722144

quote_92K_84	2.46015	2.134705	1.15	0.249	-1.725276	6.645576
quote_92K_85	3.293621	1.822506	1.81	0.071	-.27969	6.866931
quote_92K_86	2.575787	2.03545	1.27	0.206	-1.415035	6.566609
quote_92K_87	1.452861	2.350522	0.62	0.537	-3.155709	6.06143
quote_92K_88	2.480195	1.654866	1.50	0.134	-.7644311	5.724822
quote_92K_89	1.228376	1.963702	0.63	0.532	-2.621773	5.078525
quote_92K_90	.3420973	2.369639	0.14	0.885	-4.303954	4.988148
quote_92K_91	.4435155	2.59175	0.17	0.864	-4.63802	5.525052
quote_92K_92	0	(omitted)				
article_40K_1	-4.497685	6.602413	-0.68	0.496	-17.44276	8.447387
article_40K_2	-6.526233	7.71047	-0.85	0.397	-21.64383	8.591362
article_40K_3	-14.20644	7.994727	-1.78	0.076	-29.88136	1.468484
article_40K_4	-1.535125	13.83053	-0.11	0.912	-28.65206	25.58181
article_40K_5	-3.283039	7.779455	-0.42	0.673	-18.53589	11.96981
article_40K_6	-4.007076	9.146025	-0.44	0.661	-21.9393	13.92515
article_40K_7	-13.76371	6.965019	-1.98	0.048	-27.41972	-1.076869
article_40K_8	-11.51094	9.013797	-1.28	0.202	-29.18391	6.162031
article_40K_9	-12.31826	9.107429	-1.35	0.176	-30.17481	5.538293
article_40K_10	-14.64336	6.944412	-2.11	0.035	-28.25898	-1.027748
article_40K_11	-4.901069	7.98541	-0.61	0.539	-20.55773	10.75559
article_40K_12	-11.91946	6.940153	-1.72	0.086	-25.52673	1.687804
article_40K_13	-13.33657	7.065202	-1.89	0.059	-27.18901	.5158751
article_40K_14	-11.40323	7.782271	-1.47	0.143	-26.6616	3.855139
article_40K_15	-9.230913	7.107411	-1.30	0.194	-23.16612	4.704288
article_40K_16	-5.87666	8.373951	-0.70	0.483	-22.29511	10.54179
article_40K_17	-10.55458	6.740682	-1.57	0.117	-23.77075	2.661595
article_40K_18	-13.58702	7.036507	-1.93	0.054	-27.3832	.2091654
article_40K_19	-14.03899	7.113275	-1.97	0.049	-27.98569	-.0922918
article_40K_20	-21.56019	9.314938	-2.31	0.021	-39.8236	-3.296785
article_40K_21	-13.7712	8.759342	-1.57	0.116	-30.94527	3.402871
article_40K_22	-20.11722	10.34226	-1.95	0.052	-40.39485	.1604133
article_40K_23	-7.391576	6.860991	-1.08	0.281	-20.84363	6.060481
article_40K_24	-13.11378	9.196936	-1.43	0.154	-31.14583	4.918261
article_40K_25	-20.98826	9.024596	-2.33	0.020	-38.6824	-3.294113
article_40K_26	-18.1733	7.720561	-2.35	0.019	-33.31068	-3.035927
article_40K_27	-8.76712	7.856881	-1.12	0.265	-24.17178	6.637535
article_40K_28	-19.28645	8.040781	-2.40	0.017	-35.05168	-3.521233
article_40K_29	-6.1091	6.817493	-0.90	0.370	-19.47587	7.257672
article_40K_30	-8.25606	7.573285	-1.09	0.276	-23.10468	6.592561
article_40K_31	-9.223385	7.743694	-1.19	0.234	-24.40612	5.95935
article_40K_32	-7.843901	7.103296	-1.10	0.270	-21.77103	6.083232
article_40K_33	-12.69221	7.065301	-1.80	0.073	-26.54484	1.160431
article_40K_34	-18.27635	7.464256	-2.45	0.014	-32.91121	-3.641502
article_40K_35	-19.93685	7.321552	-2.72	0.007	-34.29191	-5.581791
article_40K_36	-6.17841	6.646847	-0.93	0.353	-19.2106	6.853783
article_40K_37	-13.23649	7.160949	-1.85	0.065	-27.27666	.8036799
article_40K_38	-12.72987	9.384965	-1.36	0.175	-31.13057	5.670838
article_40K_39	-18.66035	7.660572	-2.44	0.015	-33.68011	-3.640587
article_40K_40	0	(omitted)				
rank						
pm	-7.70761	2.809575	-2.74	0.006	-13.21623	-2.198994
dpm	.4081859	1.807813	0.23	0.821	-3.136317	3.952689
minister	-1.457215	.954429	-1.53	0.127	-3.328524	.4140934
sms	-3.241966	2.139842	-1.52	0.130	-7.437464	.9535316
mos	-3.543804	2.540149	-1.40	0.163	-8.524166	1.436559
mayor	.6534029	1.050763	0.62	0.534	-1.406784	2.71359
sps	5.94822	5.954951	1.00	0.318	-5.727403	17.62384
parl sec	5.285094	4.797568	1.10	0.271	-4.121295	14.69148
speaker	7.977514	2.098235	3.80	0.000	3.863593	12.09143
ncmp	1.221589	1.046392	1.17	0.243	-.8300284	3.273206
nmp	-.0210654	.7403554	-0.03	0.977	-1.472649	1.430518
MFA	20.45578	16.07489	1.27	0.203	-11.06158	51.97315
PMO	.9232706	4.058152	0.23	0.820	-7.033376	8.879918
MEWR	-4.236722	8.171581	-0.52	0.604	-20.2584	11.78495
MCI	15.35901	15.40102	1.00	0.319	-14.83712	45.55514
MTI	-17.24868	14.66046	-1.18	0.239	-45.99282	11.49546
MHA	-5.065222	5.887043	-0.86	0.390	-16.6077	6.477254
MCCY	-4.297704	4.493424	-0.96	0.339	-13.10777	4.512362
MinLaw	-5.343919	13.58699	-0.39	0.694	-31.98336	21.29552
MOH	-28.1327	12.02214	-2.34	0.019	-51.704	-4.561395

MOM	3.835308	5.120191	0.75	0.454	-6.203634	13.87425
MinDef	3.462416	3.565352	0.97	0.332	-3.52802	10.45285
MSF	-13.42812	4.99307	-2.69	0.007	-23.21783	-3.63842
MOT	23.16032	14.05352	1.65	0.099	-4.393819	50.71445
MND	-4.54747	2.515168	-1.81	0.071	-9.478853	.3839133
MOF	.0045276	1.378349	0.00	0.997	-2.697942	2.706998
MOE	17.17561	6.808442	2.52	0.012	3.826587	30.52464
speaker	5.792671	1.873013	3.09	0.002	2.120334	9.465008
rank#MFA						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-19.8772	16.09198	-1.24	0.217	-51.42806	11.67367
sms#1	-18.79774	16.1119	-1.17	0.243	-50.38767	12.79219
mos#1	-13.71155	16.55933	-0.83	0.408	-46.17873	18.75562
mayor#1	0	(omitted)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#PMO						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	.0788757	4.159874	0.02	0.985	-8.077214	8.234965
sms#1	.1355389	4.547375	0.03	0.976	-8.780309	9.051386
mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MEWR						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	5.377358	8.241919	0.65	0.514	-10.78223	21.53694
sms#1	2.215774	8.428794	0.26	0.793	-14.31021	18.74176
mos#1	11.85639	8.521761	1.39	0.164	-4.851869	28.56465
mayor#1	7.708878	8.565547	0.90	0.368	-9.085229	24.50298
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-14.77582	15.405	-0.96	0.338	-44.97975	15.42811
sms#1	-10.36857	15.52473	-0.67	0.504	-40.80726	20.07011
mos#1	-14.80677	15.56046	-0.95	0.341	-45.31551	15.70198
mayor#1	0	(empty)				
sps#1	1.202635	8.504815	0.14	0.888	-15.4724	17.87767
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MTI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	18.65802	14.71473	1.27	0.205	-10.19253	47.50857
sms#1	19.94284	14.73657	1.35	0.176	-8.950525	48.83621
mos#1	19.49322	14.76201	1.32	0.187	-9.450038	48.43647
mayor#1	.664812	16.29574	0.04	0.967	-31.28556	32.61518



sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MHA						
pm#1	0	(empty)				
dpm#1	6.362793	6.148625	1.03	0.301	-5.692557	18.41814
minister#1	6.278795	5.99401	1.05	0.295	-5.473409	18.031
sms#1	6.215857	6.11455	1.02	0.309	-5.772684	18.2044
mos#1	5.886359	7.265772	0.81	0.418	-8.359333	20.13205
mayor#1	0	(empty)				
sps#1	7.373565	7.441482	0.99	0.322	-7.216635	21.96376
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCCY						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	5.291784	4.63561	1.14	0.254	-3.797061	14.38063
sms#1	6.513941	5.451698	1.19	0.232	-4.174975	17.20286
mos#1	8.887595	5.700397	1.56	0.119	-2.288933	20.06412
mayor#1	-22.71993	17.27794	-1.31	0.189	-56.59606	11.15619
sps#1	-24.16282	17.1778	-1.41	0.160	-57.8426	9.516973
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinLaw						
pm#1	0	(empty)				
dpm#1	10.35334	13.76184	0.75	0.452	-16.62891	37.33559
minister#1	6.623434	13.61632	0.49	0.627	-20.07351	33.32038
sms#1	9.322751	13.67757	0.68	0.496	-17.49429	36.13979
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOH						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	29.80253	12.22161	2.44	0.015	5.840146	53.76492
sms#1	35.27863	12.32341	2.86	0.004	11.11664	59.44063
mos#1	34.75869	12.38065	2.81	0.005	10.48448	59.03291
mayor#1	0	(empty)				
sps#1	20.36813	13.17146	1.55	0.122	-5.456593	46.19285
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOM						
pm#1	0	(empty)				
dpm#1	.5927937	6.081789	0.10	0.922	-11.33151	12.5171
minister#1	-4.170787	5.182838	-0.80	0.421	-14.33256	5.990985
sms#1	-2.757414	5.544722	-0.50	0.619	-13.62872	8.113889
mos#1	-3.647374	5.33509	-0.68	0.494	-14.10766	6.812912
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				

speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinDef						
pm#1	0	(empty)				
dpm#1	-3.421695	4.202798	-0.81	0.416	-11.66194	4.818553
minister#1	-2.989653	3.693908	-0.81	0.418	-10.23214	4.252837
sms#1	-1.44626	4.247499	-0.34	0.734	-9.774152	6.881631
mos#1	-8.973538	5.353517	-1.68	0.094	-19.46995	1.522877
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MSF						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	12.7099	5.216666	2.44	0.015	2.481799	22.938
sms#1	14.63597	6.057942	2.42	0.016	2.758418	26.51352
mos#1	12.74099	6.404658	1.99	0.047	.1836493	25.29833
mayor#1	41.77191	14.34784	2.91	0.004	13.64071	69.9031
sps#1	0	(empty)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOT						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-21.1652	14.0934	-1.50	0.133	-48.79754	6.467148
sms#1	-19.17892	14.19434	-1.35	0.177	-47.00916	8.651319
mos#1	-17.06865	14.30984	-1.19	0.233	-45.12536	10.98806
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MND						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	8.158727	2.757074	2.96	0.003	2.753049	13.56441
sms#1	6.914509	2.942809	2.35	0.019	1.144667	12.68435
mos#1	8.312628	3.243282	2.56	0.010	1.953662	14.67159
mayor#1	0	(omitted)				
sps#1	.7548413	8.274604	0.09	0.927	-15.46883	16.97851
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOF						
pm#1	-1.418248	4.446859	-0.32	0.750	-10.13702	7.300521
dpm#1	-12.24662	3.063003	-4.00	0.000	-18.25212	-6.241118
minister#1	-3.055799	1.790789	-1.71	0.088	-6.566924	.4553259
sms#1	0	(omitted)				
mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				

ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOE						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-15.49992	6.908522	-2.24	0.025	-29.04516	-1.954668
sms#1	-16.66132	6.96798	-2.39	0.017	-30.32314	-2.999494
mos#1	-11.17016	7.328183	-1.52	0.128	-25.53822	3.197901
mayor#1	0	(omitted)				
sps#1	-25.88469	8.047178	-3.22	0.001	-41.66245	-10.10693
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#speaker						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	0	(empty)				
sms#1	-9.891014	3.617122	-2.73	0.006	-16.98295	-2.799074
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	-8.797364	2.717711	-3.24	0.001	-14.12587	-3.468862
mp#1	0	(omitted)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
_cons	112.4382	10.12389	11.11	0.000	92.58868	132.2877

Predictive margins	Number of obs	=	<b>14901</b>
Model VCE	: <b>Robust</b>		
Expression	: <b>Linear prediction, predict()</b>		
over	: <b>year</b>		

	Delta-method					[95% Conf. Interval]	
	Margin	Std. Err.	t	P> t			
year#opposition							
2005 0	86.28649	.864954	99.76	0.000	84.59061	87.98237	
2005 1	79.29883	3.213791	24.67	0.000	72.99768	85.59997	
2006 0	90.5229	.7179394	126.09	0.000	89.11526	91.93053	
2006 1	81.57204	3.368949	24.21	0.000	74.96668	88.17739	
2007 0	91.10955	.5773778	157.80	0.000	89.97751	92.24159	
2007 1	90.81788	1.721814	52.75	0.000	87.44199	94.19376	
2008 0	91.83684	.6931689	132.49	0.000	90.47777	93.19591	
2008 1	86.37845	3.847242	22.45	0.000	78.83533	93.92158	
2009 0	92.23532	.5179806	178.07	0.000	91.21974	93.2509	
2009 1	92.63613	2.886056	32.10	0.000	86.97756	98.29469	
2010 0	92.47496	.5727745	161.45	0.000	91.35195	93.59798	
2010 1	86.07117	3.58832	23.99	0.000	79.0357	93.10664	
2011 0	90.39115	.7092284	127.45	0.000	89.00059	91.7817	
2011 1	87.64745	1.748759	50.12	0.000	84.21873	91.07616	
2012 0	90.99969	.4650853	195.66	0.000	90.08782	91.91156	
2012 1	90.31858	1.141616	79.11	0.000	88.08026	92.5569	
2013 0	91.22902	.5472211	166.71	0.000	90.15611	92.30193	
2013 1	92.63975	1.196305	77.44	0.000	90.29421	94.9853	
2014 0	92.69689	.4007645	231.30	0.000	91.91113	93.48265	
2014 1	92.60659	.8511328	108.80	0.000	90.93781	94.27537	
2015 0	93.06624	.4747477	196.03	0.000	92.13542	93.99706	
2015 1	90.6387	.99888	90.74	0.000	88.68024	92.59716	
2016 0	94.58885	.3085654	306.54	0.000	93.98386	95.19384	
2016 1	92.52051	1.067821	86.64	0.000	90.42688	94.61414	

Variables that uniquely identify margins: opposition year

**Graph saved as ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.png**  
 (file ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.pdf written in PDF form  
 > at)

**Graph saved as ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.pdf**  
**Override ption not allowed - ignoring override option**  
 (file ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.eps written in EPS form  
 > at)

**Graph saved as ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.eps**  
**Graph saved as ../results/figures/pred-margins-year-ssl\_quote\_to\_speech.tif**

note: 3.parl omitted because of collinearity  
 note: speech\_92K\_92 omitted because of collinearity  
 note: quote\_92K\_92 omitted because of collinearity  
 note: article\_40K\_40 omitted because of collinearity  
 note: 1.rank#1.MFA identifies no observations in the sample  
 note: 2.rank#1.MFA identifies no observations in the sample  
 note: 6.rank#1.MFA omitted because of collinearity  
 note: 7.rank#1.MFA identifies no observations in the sample  
 note: 8.rank#1.MFA identifies no observations in the sample  
 note: 9.rank#1.MFA identifies no observations in the sample  
 note: 10b.rank#1.MFA identifies no observations in the sample  
 note: 11.rank#1.MFA identifies no observations in the sample  
 note: 12.rank#1.MFA identifies no observations in the sample  
 note: 1.rank#1.PMO identifies no observations in the sample  
 note: 2.rank#1.PMO identifies no observations in the sample  
 note: 5.rank#1.PMO omitted because of collinearity  
 note: 6.rank#1.PMO identifies no observations in the sample  
 note: 7.rank#1.PMO identifies no observations in the sample  
 note: 8.rank#1.PMO identifies no observations in the sample  
 note: 9.rank#1.PMO identifies no observations in the sample  
 note: 10b.rank#1.PMO identifies no observations in the sample  
 note: 11.rank#1.PMO identifies no observations in the sample  
 note: 12.rank#1.PMO identifies no observations in the sample  
 note: 1.rank#1.MEWR identifies no observations in the sample  
 note: 2.rank#1.MEWR identifies no observations in the sample  
 note: 7.rank#1.MEWR omitted because of collinearity  
 note: 8.rank#1.MEWR identifies no observations in the sample  
 note: 9.rank#1.MEWR identifies no observations in the sample  
 note: 10b.rank#1.MEWR identifies no observations in the sample  
 note: 11.rank#1.MEWR identifies no observations in the sample  
 note: 12.rank#1.MEWR identifies no observations in the sample  
 note: 1.rank#1.MCI identifies no observations in the sample  
 note: 2.rank#1.MCI identifies no observations in the sample  
 note: 6.rank#1.MCI identifies no observations in the sample  
 note: 8.rank#1.MCI omitted because of collinearity  
 note: 9.rank#1.MCI identifies no observations in the sample  
 note: 10b.rank#1.MCI identifies no observations in the sample  
 note: 11.rank#1.MCI identifies no observations in the sample  
 note: 12.rank#1.MCI identifies no observations in the sample  
 note: 1.rank#1.MTI identifies no observations in the sample  
 note: 2.rank#1.MTI identifies no observations in the sample  
 note: 7.rank#1.MTI omitted because of collinearity  
 note: 8.rank#1.MTI omitted because of collinearity  
 note: 9.rank#1.MTI identifies no observations in the sample  
 note: 10b.rank#1.MTI identifies no observations in the sample  
 note: 11.rank#1.MTI identifies no observations in the sample  
 note: 12.rank#1.MTI identifies no observations in the sample  
 note: 1.rank#1.MHA identifies no observations in the sample  
 note: 6.rank#1.MHA identifies no observations in the sample  
 note: 8.rank#1.MHA omitted because of collinearity  
 note: 9.rank#1.MHA identifies no observations in the sample  
 note: 10b.rank#1.MHA identifies no observations in the sample  
 note: 11.rank#1.MHA identifies no observations in the sample  
 note: 12.rank#1.MHA identifies no observations in the sample  
 note: 1.rank#1.MCCY identifies no observations in the sample  
 note: 2.rank#1.MCCY identifies no observations in the sample  
 note: 8.rank#1.MCCY omitted because of collinearity  
 note: 9.rank#1.MCCY identifies no observations in the sample  
 note: 10b.rank#1.MCCY identifies no observations in the sample  
 note: 11.rank#1.MCCY identifies no observations in the sample  
 note: 12.rank#1.MCCY identifies no observations in the sample  
 note: 1.rank#1.MinLaw identifies no observations in the sample

[illegible]

note: 11.rank#1.MOE identifies no observations in the sample  
 note: 12.rank#1.MOE identifies no observations in the sample  
 note: 1.rank#1.speaker identifies no observations in the sample  
 note: 2.rank#1.speaker identifies no observations in the sample  
 note: 3.rank#1.speaker identifies no observations in the sample  
 note: 5.rank#1.speaker identifies no observations in the sample  
 note: 6.rank#1.speaker identifies no observations in the sample  
 note: 7.rank#1.speaker identifies no observations in the sample  
 note: 8.rank#1.speaker identifies no observations in the sample  
 note: 10b.rank#1.speaker omitted because of collinearity  
 note: 11.rank#1.speaker identifies no observations in the sample  
 note: 12.rank#1.speaker identifies no observations in the sample

Linear regression

Number of obs = 14901  
 F(362, 3420) = .  
 Prob > F = .  
 R-squared = 0.1144  
 Root MSE = 9.7479

(Std. Err. adjusted for 3421 clusters in article\_id)

ss2_quote_to_sp-h	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.opposition	-7.436743	4.455951	-1.67	0.095	-16.17334	1.299853
year						
2006	4.464065	.984181	4.54	0.000	2.534423	6.393707
2007	4.493988	1.531291	2.93	0.003	1.49165	7.496325
2008	3.906826	1.634082	2.39	0.017	.7029497	7.110703
2009	4.700648	1.491484	3.15	0.002	1.776357	7.624938
2010	3.984467	1.550145	2.57	0.010	.9451629	7.023772
2011	2.972885	1.559251	1.91	0.057	-.0842736	6.030044
2012	2.104716	1.728491	1.22	0.223	-1.284263	5.493695
2013	2.884582	1.72578	1.67	0.095	-.4990825	6.268246
2014	3.366424	1.723325	1.95	0.051	-.0124274	6.745276
2015	3.281672	1.750461	1.87	0.061	-.1503826	6.713726
2016	4.483178	.9651355	4.65	0.000	2.590878	6.375479
opposition#year						
1 2006	-.9844484	5.153008	-0.19	0.849	-11.08773	9.118838
1 2007	3.144807	4.866362	0.65	0.518	-6.396463	12.68608
1 2008	.4089341	6.623652	0.06	0.951	-12.57778	13.39565
1 2009	6.657763	4.348731	1.53	0.126	-1.868611	15.18414
1 2010	2.384584	4.869004	0.49	0.624	-7.161868	11.93104
1 2011	5.066432	4.4984	1.13	0.260	-3.753393	13.88626
1 2012	7.649063	4.451999	1.72	0.086	-1.079784	16.37791
1 2013	4.38573	4.793826	0.91	0.360	-5.013323	13.78478
1 2014	7.810086	4.482175	1.74	0.082	-.9779258	16.5981
1 2015	5.123194	4.549907	1.13	0.260	-3.797617	14.044
1 2016	6.925212	4.430651	1.56	0.118	-1.761778	15.6122
ln_quote	.6073182	.1358969	4.47	0.000	.3408709	.8737656
ln_speech	.2705161	.1368585	1.98	0.048	.0021834	.5388488
ln_article	.1265883	.3386091	0.37	0.709	-.5373083	.790485
parl						
11th parliament	-.7740167	1.207544	-0.64	0.522	-3.141597	1.593564
12th parliament	1.614211	1.511777	1.07	0.286	-1.349867	4.578289
13th parliament	0	(omitted)				
gender						
female	-.125425	.3373896	-0.37	0.710	-.7869307	.5360806
race						
malay	.619033	.4504706	1.37	0.169	-.2641858	1.502252
indian	-.3997616	.4483858	-0.89	0.373	-1.278893	.4793695
eurasian	.5525157	.5058901	1.09	0.275	-.4393617	1.544393
age	-.3900342	.2199215	-1.77	0.076	-.821225	.0411565
age2	.0038345	.0023916	1.60	0.109	-.0008545	.0085235
tenure	.0712279	.062198	1.15	0.252	-.050721	.1931768

tenure2	-.0041976	.002253	-1.86	0.063	-.008615	.0002198
weekday						
tuesday	.2230759	.8133297	0.27	0.784	-1.371585	1.817737
wednesday	.4159917	.8511055	0.49	0.625	-1.252735	2.084718
thursday	.0352985	.8459165	0.04	0.967	-1.623254	1.693851
friday	-1.273179	.9751532	-1.31	0.192	-3.185121	.638763
saturday	.1411011	.9029848	0.16	0.876	-1.629343	1.911545
sunday	5.250356	3.172903	1.65	0.098	-.9706213	11.47133
section2						
home	-.585135	1.977129	-0.30	0.767	-4.461609	3.291339
insight	.6890176	2.3314	0.30	0.768	-3.882061	5.260096
money	.6438887	2.374318	0.27	0.786	-4.011337	5.299114
news	-5.934855	3.799234	-1.56	0.118	-13.38385	1.514143
opinion	-.285213	2.153972	-0.13	0.895	-4.508414	3.937988
prime news	-.1282178	1.934399	-0.07	0.947	-3.920911	3.664476
review - insight	2.523306	2.264634	1.11	0.265	-1.916867	6.963479
singapore	-.8390021	1.922041	-0.44	0.662	-4.607467	2.929463
sports	-4.095217	7.617288	-0.54	0.591	-19.03011	10.83968
st	-.2963699	2.014431	-0.15	0.883	-4.245981	3.653241
think	-15.13179	8.654198	-1.75	0.080	-32.09971	1.836136
top of the news	-1.050155	1.950466	-0.54	0.590	-4.874351	2.774041
world	2.946059	3.818407	0.77	0.440	-4.54053	10.43265
translations	-2.461942	1.151949	-2.14	0.033	-4.720519	-.2033641
speech_92K_1	4.41134	4.478555	0.98	0.325	-4.369575	13.19225
speech_92K_2	-2.024405	3.898475	-0.52	0.604	-9.667981	5.619171
speech_92K_3	.6681197	3.576495	0.19	0.852	-6.344164	7.680403
speech_92K_4	7.117794	3.581404	1.99	0.047	.0958856	14.1397
speech_92K_5	.6841954	6.672779	0.10	0.918	-12.39884	13.76723
speech_92K_6	4.472251	4.234886	1.06	0.291	-3.830912	12.77541
speech_92K_7	2.125535	3.381003	0.63	0.530	-4.503455	8.754525
speech_92K_8	2.70731	3.899127	0.69	0.488	-4.937544	10.35216
speech_92K_9	11.97686	6.368629	1.88	0.060	-.5098394	24.46357
speech_92K_10	2.845714	3.32428	0.86	0.392	-3.672063	9.36349
speech_92K_11	.8543697	3.517178	0.24	0.808	-6.041614	7.750353
speech_92K_12	3.451389	5.578606	0.62	0.536	-7.486348	14.38913
speech_92K_13	-7.34221	8.921532	-0.82	0.411	-24.83428	10.14986
speech_92K_14	-.1977005	3.785246	-0.05	0.958	-7.619272	7.223871
speech_92K_15	3.590031	5.686504	0.63	0.528	-7.559259	14.73932
speech_92K_16	4.597197	4.159748	1.11	0.269	-3.558646	12.75304
speech_92K_17	2.200141	4.179338	0.53	0.599	-5.994111	10.39439
speech_92K_18	-5.581966	9.294731	-0.60	0.548	-23.80575	12.64182
speech_92K_19	2.265605	3.195683	0.71	0.478	-4.000036	8.531247
speech_92K_20	4.635751	3.294482	1.41	0.159	-1.823603	11.0951
speech_92K_21	5.247686	3.485763	1.51	0.132	-1.586703	12.08207
speech_92K_22	7.778195	4.38958	1.77	0.076	-.8282694	16.38466
speech_92K_23	1.650154	2.596029	0.64	0.525	-3.439771	6.74008
speech_92K_24	-1.071294	3.352994	-0.32	0.749	-7.645369	5.502781
speech_92K_25	-2.012332	5.063078	-0.40	0.691	-11.9393	7.914632
speech_92K_26	-5.967559	5.79423	-1.03	0.303	-17.32806	5.392943
speech_92K_27	11.09338	5.044811	2.20	0.028	1.202228	20.98453
speech_92K_28	2.502655	4.187891	0.60	0.550	-5.708367	10.71368
speech_92K_29	1.15953	4.671497	0.25	0.804	-7.999677	10.31874
speech_92K_30	-7.611005	6.996502	-1.09	0.277	-21.32875	6.106742
speech_92K_31	3.020065	2.833388	1.07	0.287	-2.53524	8.575371
speech_92K_32	7.688789	6.818882	1.13	0.260	-5.680705	21.05828
speech_92K_33	3.887527	3.874024	1.00	0.316	-3.708109	11.48316
speech_92K_34	-.1223115	3.452117	-0.04	0.972	-6.890733	6.64611
speech_92K_35	5.255579	3.750737	1.40	0.161	-2.098334	12.60949
speech_92K_36	6.720931	3.045933	2.21	0.027	.7488976	12.69296
speech_92K_37	-.5252911	5.704269	-0.09	0.927	-11.70941	10.65883
speech_92K_38	2.875531	8.082184	0.36	0.722	-12.97087	18.72193
speech_92K_39	10.24522	4.102446	2.50	0.013	2.201723	18.28871
speech_92K_40	2.655789	3.933775	0.68	0.500	-5.056999	10.36858
speech_92K_41	-1.360268	3.555719	-0.38	0.702	-8.331816	5.61128
speech_92K_42	-.1002372	6.582047	-0.02	0.988	-13.00538	12.80491
speech_92K_43	7.243707	3.981896	1.82	0.069	-.5634282	15.05084
speech_92K_44	.7301718	4.642333	0.16	0.875	-8.371855	9.832199
speech_92K_45	-3.387866	9.309101	-0.36	0.716	-21.63983	14.8641
speech_92K_46	5.918061	6.07101	0.97	0.330	-5.985113	17.82123

speech_92K_47	10.17223	5.025684	2.02	0.043	.3185885	20.02588
speech_92K_48	6.758147	3.994268	1.69	0.091	-1.073246	14.58954
speech_92K_49	5.372046	5.62497	0.96	0.340	-5.656595	16.40069
speech_92K_50	-12.27727	11.61827	-1.06	0.291	-35.05673	10.50219
speech_92K_51	.7529782	3.291556	0.23	0.819	-5.700636	7.206593
speech_92K_52	6.805335	3.081519	2.21	0.027	.7635311	12.84714
speech_92K_53	.010455	3.954865	0.00	0.998	-7.743683	7.764593
speech_92K_54	9.589396	4.772009	2.01	0.045	.2331183	18.94567
speech_92K_55	3.074937	4.722667	0.65	0.515	-6.184598	12.33447
speech_92K_56	-3.782192	7.0006	-0.54	0.589	-17.50797	9.94359
speech_92K_57	1.804866	3.433579	0.53	0.599	-4.927207	8.536939
speech_92K_58	2.195486	3.974672	0.55	0.581	-5.597485	9.988457
speech_92K_59	.5932327	3.26268	0.18	0.856	-5.803766	6.990231
speech_92K_60	3.157408	3.200587	0.99	0.324	-3.117847	9.432664
speech_92K_61	-2.732758	4.524872	-0.60	0.546	-11.60448	6.138967
speech_92K_62	.6552041	4.308018	0.15	0.879	-7.791346	9.101754
speech_92K_63	17.13775	8.055532	2.13	0.033	1.343605	32.93189
speech_92K_64	-11.21964	5.405891	-2.08	0.038	-21.81874	-.6205339
speech_92K_65	4.236828	4.138007	1.02	0.306	-3.876388	12.35004
speech_92K_66	4.558949	3.648582	1.25	0.212	-2.594671	11.71257
speech_92K_67	-2.015477	3.678838	-0.55	0.584	-9.228419	5.197465
speech_92K_68	3.198598	7.710431	0.41	0.678	-11.91892	18.31612
speech_92K_69	-1.454089	4.370738	-0.33	0.739	-10.02361	7.115433
speech_92K_70	7.1493	4.512126	1.58	0.113	-1.697436	15.99604
speech_92K_71	5.590865	4.818613	1.16	0.246	-3.856787	15.03852
speech_92K_72	4.873192	3.672462	1.33	0.185	-2.32725	12.07363
speech_92K_73	4.591911	3.182585	1.44	0.149	-1.648049	10.83187
speech_92K_74	-5.798003	5.458798	-1.06	0.288	-16.50084	4.904832
speech_92K_75	-.0195159	7.514071	-0.00	0.998	-14.75204	14.71301
speech_92K_76	9.351048	3.854756	2.43	0.015	1.793191	16.90891
speech_92K_77	-3.469338	5.481789	-0.63	0.527	-14.21725	7.278575
speech_92K_78	-15.24065	21.66173	-0.70	0.482	-57.71188	27.23059
speech_92K_79	9.534181	4.542593	2.10	0.036	.6277107	18.44065
speech_92K_80	1.011011	2.952932	0.34	0.732	-4.778678	6.8007
speech_92K_81	-1.32539	3.815845	-0.35	0.728	-8.806956	6.156176
speech_92K_82	-4.241435	11.40729	-0.37	0.710	-26.60723	18.12436
speech_92K_83	8.902704	5.102137	1.74	0.081	-1.100841	18.90625
speech_92K_84	-3.143389	6.243606	-0.50	0.615	-15.38496	9.098185
speech_92K_85	5.996415	3.964992	1.51	0.131	-1.777578	13.77041
speech_92K_86	-2.838705	5.143585	-0.55	0.581	-12.92351	7.246106
speech_92K_87	1.663581	4.392884	0.38	0.705	-6.949361	10.27652
speech_92K_88	8.665324	3.891431	2.23	0.026	1.035558	16.29509
speech_92K_89	.2265418	4.391327	0.05	0.959	-8.383348	8.836432
speech_92K_90	8.324351	4.747948	1.75	0.080	-.9847498	17.63345
speech_92K_91	13.5692	6.616253	2.05	0.040	.5969868	26.5414
speech_92K_92	0	(omitted)				
quote_92K_1	.9274215	2.393443	0.39	0.698	-3.765301	5.620144
quote_92K_2	1.888628	1.548041	1.22	0.223	-1.146551	4.923806
quote_92K_3	.9364595	1.49127	0.63	0.530	-1.987411	3.86033
quote_92K_4	1.723158	1.471111	1.17	0.242	-1.161188	4.607504
quote_92K_5	.7097519	2.002014	0.35	0.723	-3.215512	4.635016
quote_92K_6	2.27894	1.870965	1.22	0.223	-1.389382	5.947263
quote_92K_7	.6597903	1.467096	0.45	0.653	-2.216682	3.536263
quote_92K_8	-.6430144	1.924375	-0.33	0.738	-4.416056	3.130027
quote_92K_9	2.978722	2.164129	1.38	0.169	-1.264394	7.221838
quote_92K_10	-.8379413	1.640238	-0.51	0.609	-4.053887	2.378005
quote_92K_11	.9997023	1.506727	0.66	0.507	-1.954473	3.953878
quote_92K_12	-2.477792	3.57956	-0.69	0.489	-9.496085	4.5405
quote_92K_13	3.374836	1.85327	1.82	0.069	-.2587913	7.008464
quote_92K_14	.1446781	1.421043	0.10	0.919	-2.641501	2.930858
quote_92K_15	-.2839727	2.294595	-0.12	0.902	-4.782889	4.214943
quote_92K_16	-3.899951	2.214443	-1.76	0.078	-8.241717	.4418142
quote_92K_17	1.457131	1.764777	0.83	0.409	-2.002993	4.917255
quote_92K_18	4.681995	1.821287	2.57	0.010	1.111074	8.252915
quote_92K_19	.3918093	1.569831	0.25	0.803	-2.686091	3.46971
quote_92K_20	-.5909741	1.824842	-0.32	0.746	-4.168864	2.986916
quote_92K_21	-1.915543	1.894557	-1.01	0.312	-5.630121	1.799035
quote_92K_22	.7272101	2.133729	0.34	0.733	-3.456301	4.910722
quote_92K_23	1.391073	1.444207	0.96	0.336	-1.440523	4.222668
quote_92K_24	1.242413	1.443688	0.86	0.390	-1.588166	4.072992
quote_92K_25	-1.662262	2.319731	-0.72	0.474	-6.210461	2.885937
quote_92K_26	1.149171	1.607804	0.71	0.475	-2.003183	4.301525



quote_92K_27	2.574013	1.711476	1.50	0.133	-.7816071	5.929632
quote_92K_28	-2.215432	2.927915	-0.76	0.449	-7.956071	3.525207
quote_92K_29	-.9059164	1.981049	-0.46	0.647	-4.790077	2.978244
quote_92K_30	1.786355	2.088626	0.86	0.392	-2.308727	5.881436
quote_92K_31	1.440998	1.560863	0.92	0.356	-1.619321	4.501317
quote_92K_32	-.0314269	1.584203	-0.02	0.984	-3.137507	3.074653
quote_92K_33	.5947465	1.462335	0.41	0.684	-2.272392	3.461885
quote_92K_34	1.579478	1.804993	0.88	0.382	-1.959497	5.118452
quote_92K_35	.2756524	1.787969	0.15	0.877	-3.229943	3.781247
quote_92K_36	.069657	1.915936	0.04	0.971	-3.686838	3.826152
quote_92K_37	2.985763	1.656987	1.80	0.072	-.2630222	6.234549
quote_92K_38	-.7082975	2.208278	-0.32	0.748	-5.037975	3.62138
quote_92K_39	2.107747	1.569628	1.34	0.179	-.9697562	5.185249
quote_92K_40	-.7154923	1.895547	-0.38	0.706	-4.432012	3.001028
quote_92K_41	.858735	1.480417	0.58	0.562	-2.043855	3.761325
quote_92K_42	2.713113	1.483704	1.83	0.068	-.1959236	5.622149
quote_92K_43	.4246203	1.71323	0.25	0.804	-2.934438	3.783678
quote_92K_44	.9619089	1.601976	0.60	0.548	-2.179018	4.102836
quote_92K_45	-.0458534	2.316489	-0.02	0.984	-4.587697	4.49599
quote_92K_46	.4529169	2.727889	0.17	0.868	-4.895541	5.801374
quote_92K_47	-2.282049	2.306438	-0.99	0.323	-6.804186	2.240088
quote_92K_48	2.182387	1.775119	1.23	0.219	-1.298014	5.662788
quote_92K_49	-.0187585	2.145298	-0.01	0.993	-4.224953	4.187436
quote_92K_50	.7309391	2.087128	0.35	0.726	-3.361206	4.823084
quote_92K_51	.6476829	1.500013	0.43	0.666	-2.29333	3.588696
quote_92K_52	.0961014	1.671691	0.06	0.954	-3.181512	3.373715
quote_92K_53	.5701903	1.714135	0.33	0.739	-2.790643	3.931023
quote_92K_54	-.8367375	1.885928	-0.44	0.657	-4.534398	2.860923
quote_92K_55	-.2437579	1.800412	-0.14	0.892	-3.77375	3.286235
quote_92K_56	1.835057	1.691134	1.09	0.278	-1.480678	5.150792
quote_92K_57	1.218814	1.571587	0.78	0.438	-1.86253	4.300158
quote_92K_58	-2.336954	2.580796	-0.91	0.365	-7.397013	2.723104
quote_92K_59	.1985866	1.733582	0.11	0.909	-3.200375	3.597548
quote_92K_60	1.587572	1.510948	1.05	0.293	-1.37488	4.550025
quote_92K_61	1.300304	1.639284	0.79	0.428	-1.913771	4.514378
quote_92K_62	.0235328	1.638365	0.01	0.989	-3.18874	3.235806
quote_92K_63	-.7130246	2.741484	-0.26	0.795	-6.088136	4.662087
quote_92K_64	2.300304	1.827556	1.26	0.208	-1.282908	5.883516
quote_92K_65	.625994	1.656793	0.38	0.706	-2.62241	3.874398
quote_92K_66	1.828155	1.466097	1.25	0.212	-1.046359	4.702669
quote_92K_67	-.137778	1.588371	-0.09	0.931	-3.252029	2.976473
quote_92K_68	.6441079	2.540306	0.25	0.800	-4.336564	5.62478
quote_92K_69	3.357036	1.484083	2.26	0.024	.4472567	6.266815
quote_92K_70	.7839815	2.089011	0.38	0.707	-3.311855	4.679818
quote_92K_71	-.2702072	2.336023	-0.12	0.908	-4.85035	4.309936
quote_92K_72	-1.498243	1.832801	-0.82	0.414	-5.091739	2.095253
quote_92K_73	-1.6112	1.817049	-0.89	0.375	-5.173811	1.951411
quote_92K_74	-1.745917	2.219261	-0.79	0.432	-6.097129	2.605295
quote_92K_75	1.977171	1.884389	1.05	0.294	-1.717471	5.671813
quote_92K_76	-.1708137	1.427413	-0.12	0.905	-2.969482	2.627855
quote_92K_77	.683151	1.919006	0.36	0.722	-3.079363	4.445665
quote_92K_78	-.3690251	2.07301	-0.18	0.859	-4.433489	3.695438
quote_92K_79	.6482474	2.096362	0.31	0.757	-3.462002	4.758497
quote_92K_80	-.9302921	1.647077	-0.56	0.572	-4.159646	2.299062
quote_92K_81	1.097827	1.677565	0.65	0.513	-2.191304	4.386959
quote_92K_82	-1.826819	2.156603	-0.85	0.397	-6.05518	2.401543
quote_92K_83	-3.243406	2.072787	-1.56	0.118	-7.307431	.8206198
quote_92K_84	1.566075	1.701517	0.92	0.357	-1.770018	4.902168
quote_92K_85	2.240254	1.507802	1.49	0.137	-.7160298	5.196537
quote_92K_86	.0421299	1.707883	0.02	0.980	-3.306444	3.390704
quote_92K_87	.0324002	1.909993	0.02	0.986	-3.712443	3.777244
quote_92K_88	.6885106	1.434188	0.48	0.631	-2.12344	3.500462
quote_92K_89	-1.137882	2.115163	-0.54	0.591	-5.284994	3.009229
quote_92K_90	-.5544354	2.082123	-0.27	0.790	-4.636766	3.527895
quote_92K_91	.7442354	2.029836	0.37	0.714	-3.235578	4.724049
quote_92K_92	0	(omitted)				
article_40K_1	1.540553	5.499472	0.28	0.779	-9.242031	12.32314
article_40K_2	2.712409	6.987483	0.39	0.698	-10.98766	16.41247
article_40K_3	-4.557607	6.458516	-0.71	0.480	-17.22055	8.105334
article_40K_4	-2.487484	10.84227	-0.23	0.819	-23.74547	18.7705
article_40K_5	1.116481	6.067	0.18	0.854	-10.77883	13.01179
article_40K_6	12.86447	7.257053	1.77	0.076	-1.364131	27.09307

article_40K_7	-5.205172	5.70775	-0.91	0.362	-16.39612	5.985773
article_40K_8	-2.846355	6.618331	-0.43	0.667	-15.82264	10.12993
article_40K_9	-5.375298	8.222435	-0.65	0.513	-21.49668	10.74608
article_40K_10	-3.122243	5.709885	-0.55	0.585	-14.31756	8.0727
article_40K_11	2.521341	6.375721	0.40	0.693	-9.979268	15.02195
article_40K_12	-4.784517	5.569733	-0.86	0.390	-15.70486	6.135824
article_40K_13	-4.563282	5.758059	-0.79	0.428	-15.85287	6.726302
article_40K_14	.3301384	5.938117	0.06	0.956	-11.31248	11.97275
article_40K_15	.9760179	6.112526	0.16	0.873	-11.00855	12.96059
article_40K_16	3.109335	6.477117	0.48	0.631	-9.590074	15.80875
article_40K_17	-3.378142	5.666414	-0.60	0.551	-14.48804	7.731757
article_40K_18	-3.725922	5.698801	-0.65	0.513	-14.89932	7.447478
article_40K_19	-3.170229	6.436939	-0.49	0.622	-15.79086	9.450407
article_40K_20	-9.825094	8.200621	-1.20	0.231	-25.90371	6.253518
article_40K_21	-5.493638	7.325235	-0.75	0.453	-19.85592	8.868641
article_40K_22	-8.916148	11.29541	-0.79	0.430	-31.06259	8.32029
article_40K_23	.8690492	5.475959	0.16	0.874	-9.867433	11.60553
article_40K_24	-4.677144	7.780253	-0.60	0.548	-19.93156	10.57727
article_40K_25	-11.60442	7.692478	-1.51	0.132	-26.68673	3.477901
article_40K_26	-9.140625	6.663876	-1.37	0.170	-22.20621	3.924957
article_40K_27	2.385725	6.457993	0.37	0.712	-10.27619	15.04764
article_40K_28	-8.164196	6.659096	-1.23	0.220	-21.22041	4.892014
article_40K_29	2.133383	5.583518	0.38	0.702	-8.813985	13.08075
article_40K_30	-1.512632	6.2735	-0.24	0.809	-13.81282	10.78756
article_40K_31	-8.400557	6.499492	-1.29	0.196	-21.14384	4.342723
article_40K_32	-.926952	5.835625	-0.16	0.874	-12.36862	10.51471
article_40K_33	-2.613935	5.834968	-0.45	0.654	-14.05431	8.82644
article_40K_34	-6.155624	5.916854	-1.04	0.298	-17.75655	5.445302
article_40K_35	-5.27117	5.842861	-0.90	0.367	-16.72702	6.184681
article_40K_36	.7049357	5.507888	0.13	0.898	-10.09415	11.50402
article_40K_37	-6.849498	5.96318	-1.15	0.251	-18.54125	4.842258
article_40K_38	-7.794113	9.139765	-0.85	0.394	-25.71407	10.12584
article_40K_39	-8.883544	6.548765	-1.36	0.175	-21.72343	3.956345
article_40K_40	0	(omitted)				

rank						
pm	-4.067858	1.759292	-2.31	0.021	-7.517227	-.618488
dpm	.3947577	1.115578	0.35	0.723	-1.79251	2.582025
minister	-.2599677	.7036667	-0.37	0.712	-1.639617	1.119682
sms	-1.202304	1.465994	-0.82	0.412	-4.076617	1.672008
mos	-.3287481	1.899453	-0.17	0.863	-4.052926	3.39543
mayor	1.003681	.7613272	1.32	0.187	-.4890211	2.496383
sps	3.486096	3.769946	0.92	0.355	-3.905478	10.87767
parl sec	8.353166	2.622928	3.18	0.001	3.210502	13.49583
speaker	2.393133	1.53221	1.56	0.118	-.6110068	5.397272
ncmp	1.887532	.977578	1.93	0.054	-.0291643	3.804228
nmp	.169234	.5461703	0.31	0.757	-.9016192	1.240087

MFA	37.97957	21.21886	1.79	0.074	-3.623366	79.5825
PMO	.9715925	1.938125	0.50	0.616	-2.828408	4.771593
MEWR	-2.860238	5.732425	-0.50	0.618	-14.09956	8.379086
MCI	-6.346063	6.226601	-1.02	0.308	-18.5543	5.862171
MTI	-1.707134	5.780429	-0.30	0.768	-13.04058	9.62631
MHA	-6.994945	3.166307	-2.21	0.027	-13.20299	-.7868996
MCCY	-6.525124	2.262724	-2.88	0.004	-10.96155	-2.088696
MinLaw	-.6266871	3.937414	-0.16	0.874	-8.346609	7.093235
MOH	-50.4573	19.2292	-2.62	0.009	-88.1592	-12.75541
MOM	1.594155	2.909516	0.55	0.584	-4.11041	7.298719
MinDef	4.966862	3.301946	1.50	0.133	-1.507125	11.44085
MSF	-9.596171	3.730079	-2.57	0.010	-16.90958	-2.282762
MOT	41.40095	20.08929	2.06	0.039	2.012732	80.78917
MND	-5.955707	2.313915	-2.57	0.010	-10.4925	-1.418911
MOF	.3343302	1.099408	0.30	0.761	-1.821233	2.489894
MOE	12.20813	5.285985	2.31	0.021	1.844125	22.57214
speaker	2.18525	1.157697	1.89	0.059	-.0845978	4.455098

rank#MFA						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-38.40034	21.22137	-1.81	0.070	-80.0082	3.20751
sms#1	-36.83211	21.18724	-1.74	0.082	-78.37304	4.708828
mos#1	-36.19573	21.33059	-1.70	0.090	-78.01772	5.626257

mayor#1	0	(omitted)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#PMO						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	- .4486225	2.059656	-0.22	0.828	-4.486904	3.589659
sms#1	.4323096	2.341216	0.18	0.854	-4.158013	5.022632
mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MEWR						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	2.469581	5.800747	0.43	0.670	-8.903699	13.84286
sms#1	1.951054	5.915081	0.33	0.742	-9.646396	13.5485
mos#1	6.033015	6.002279	1.01	0.315	-5.7354	17.80143
mayor#1	4.431443	6.021789	0.74	0.462	-7.375225	16.23811
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	5.695334	6.308979	0.90	0.367	-6.674417	18.06508
sms#1	8.917461	6.593591	1.35	0.176	-4.010314	21.84524
mos#1	3.794124	6.481999	0.59	0.558	-8.914857	16.50311
mayor#1	0	(empty)				
sps#1	5.105096	5.124858	1.00	0.319	-4.942997	15.15319
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MTI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	2.785108	5.816019	0.48	0.632	-8.618115	14.18833
sms#1	3.276512	6.095698	0.54	0.591	-8.675067	15.22809
mos#1	2.534394	5.813555	0.44	0.663	-8.863998	13.93279
mayor#1	-8.552036	7.725663	-1.11	0.268	-23.69942	6.595346
sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MHA						
pm#1	0	(empty)				
dpm#1	7.561278	3.403891	2.22	0.026	.8874117	14.23514
minister#1	7.383356	3.257276	2.27	0.023	.9969514	13.76976
sms#1	8.542157	3.522601	2.42	0.015	1.635542	15.44877
mos#1	6.416024	4.4581	1.44	0.150	-2.324785	15.15683
mayor#1	0	(empty)				
sps#1	5.915816	4.255914	1.39	0.165	-2.428574	14.26021

parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCCY						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	7.483935	2.381499	3.14	0.002	2.81463	12.15324
sms#1	8.423984	2.774321	3.04	0.002	2.98449	13.86348
mos#1	8.11591	3.027963	2.68	0.007	2.17911	14.05271
mayor#1	-33.04076	21.66671	-1.52	0.127	-75.52176	9.440237
sps#1	-36.08771	20.64566	-1.75	0.081	-76.56679	4.391367
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinLaw						
pm#1	0	(empty)				
dpm#1	2.345023	4.508266	0.52	0.603	-6.494145	11.18419
minister#1	2.200093	3.995007	0.55	0.582	-5.632749	10.03294
sms#1	2.355929	4.053079	0.58	0.561	-5.590772	10.30263
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOH						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	49.27435	19.3696	2.54	0.011	11.29719	87.25152
sms#1	53.524	19.32003	2.77	0.006	15.64404	91.40397
mos#1	50.63461	19.43852	2.60	0.009	12.52233	88.74689
mayor#1	0	(empty)				
sps#1	48.15739	19.6871	2.45	0.014	9.557718	86.75707
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOM						
pm#1	0	(empty)				
dpm#1	.3335199	3.835356	0.09	0.931	-7.186301	7.853341
minister#1	-2.036029	2.946255	-0.69	0.490	-7.812628	3.74057
sms#1	-2.463338	3.118109	-0.79	0.430	-8.576882	3.650206
mos#1	-1.882335	3.11781	-0.60	0.546	-7.995294	4.230624
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinDef						
pm#1	0	(empty)				
dpm#1	-5.244855	3.535513	-1.48	0.138	-12.17679	1.687076
minister#1	-4.5886	3.371142	-1.36	0.174	-11.19826	2.021057
sms#1	-3.837526	3.574455	-1.07	0.283	-10.84581	3.170757
mos#1	-12.33851	4.75364	-2.60	0.009	-21.65877	-3.018246
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				

mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MSF						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	8.216756	3.899919	2.11	0.035	.5703495	15.86316
sms#1	4.276542	5.887396	0.73	0.468	-7.266626	15.81971
mos#1	9.207775	3.903192	2.36	0.018	1.554952	16.8606
mayor#1	46.6395	20.68508	2.25	0.024	6.083126	87.19587
sps#1	0	(empty)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOT						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-39.58923	20.09062	-1.97	0.049	-78.98007	-.1983853
sms#1	-40.76481	20.12938	-2.03	0.043	-80.23165	-1.297979
mos#1	-41.46607	20.16161	-2.06	0.040	-80.99609	-1.936045
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MND						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	7.719544	2.410745	3.20	0.001	2.992898	12.44619
sms#1	5.488495	2.510559	2.19	0.029	.5661468	10.41084
mos#1	7.629499	2.860489	2.67	0.008	2.021059	13.23794
mayor#1	0	(omitted)				
sps#1	4.789731	4.469925	1.07	0.284	-3.974262	13.55372
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOF						
pm#1	-1.370739	2.935999	-0.47	0.641	-7.127229	4.38575
dpm#1	-7.680358	2.444301	-3.14	0.002	-12.4728	-2.887919
minister#1	-2.392028	1.341958	-1.78	0.075	-5.023148	.2390916
sms#1	0	(omitted)				
mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOE						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-11.91055	5.362953	-2.22	0.026	-22.42546	-1.395629
sms#1	-11.52801	5.482321	-2.10	0.036	-22.27697	-.7790547
mos#1	-9.719392	5.537727	-1.76	0.079	-20.57698	1.138196
mayor#1	0	(omitted)				
sps#1	-14.85424	6.216686	-2.39	0.017	-27.04304	-2.665446
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				

nmp#1	0	(empty)				
rank#speaker						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	0	(empty)				
sms#1	1.048927	1.90068	0.55	0.581	-2.677656	4.775511
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	-1.921452	1.803904	-1.07	0.287	-5.45829	1.615386
mp#1	0	(omitted)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
_cons	99.16865	8.531283	11.62	0.000	82.44172	115.8956

Predictive margins	Number of obs	=	<b>14901</b>
Model VCE	: <b>Robust</b>		
Expression	: <b>Linear prediction, predict()</b>		
over	: <b>year</b>		

		Delta-method					
		Margin	Std. Err.	t	P> t	[95% Conf. Interval]	
year#opposition							
	2005 0	92.83133	.7696066	120.62	0.000	91.3224	94.34027
	2005 1	85.39459	4.550506	18.77	0.000	76.47261	94.31658
	2006 0	96.96744	.4880232	198.69	0.000	96.01059	97.92428
	2006 1	88.54624	3.008767	29.43	0.000	82.64708	94.44541
	2007 0	96.97613	.3417609	283.75	0.000	96.30606	97.64621
	2007 1	92.6842	2.250111	41.19	0.000	88.2725	97.0959
	2008 0	96.43277	.6190843	155.77	0.000	95.21896	97.64658
	2008 1	89.40496	5.014095	17.83	0.000	79.57403	99.23589
	2009 0	97.63041	.3524909	276.97	0.000	96.9393	98.32153
	2009 1	96.85143	1.000005	96.85	0.000	94.89077	98.8121
	2010 0	96.83193	.441145	219.50	0.000	95.967	97.69687
	2010 1	91.77977	2.433841	37.71	0.000	87.00784	96.5517
	2011 0	96.07693	.476344	201.70	0.000	95.14298	97.01087
	2011 1	93.70662	1.248139	75.08	0.000	91.25944	96.15379
	2012 0	96.48101	.3106787	310.55	0.000	95.87187	97.09014
	2012 1	96.69333	.6354972	152.15	0.000	95.44734	97.93932
	2013 0	96.95167	.3746342	258.79	0.000	96.21714	97.6862
	2013 1	93.90066	1.85838	50.53	0.000	90.25701	97.54431
	2014 0	97.62601	.2790765	349.82	0.000	97.07884	98.17318
	2014 1	97.99935	.5755341	170.28	0.000	96.87093	99.12778
	2015 0	97.41257	.3937798	247.38	0.000	96.6405	98.18464
	2015 1	95.09902	1.306515	72.79	0.000	92.53739	97.66065
	2016 0	98.22141	.1855446	529.37	0.000	97.85762	98.5852
	2016 1	97.70988	.9073773	107.68	0.000	95.93082	99.48893

```
Variables that uniquely identify margins: opposition year
Graph saved as ../results/figures/pred-margins-year-ss2_quote_to_speech.png
(file ../results/figures/pred-margins-year-ss2_quote_to_speech.pdf written in PDF form
> at)
Graph saved as ../results/figures/pred-margins-year-ss2_quote_to_speech.pdf
Override ption not allowed - ignoring override option
(file ../results/figures/pred-margins-year-ss2_quote_to_speech.eps written in EPS form
> at)
Graph saved as ../results/figures/pred-margins-year-ss2_quote_to_speech.eps
Graph saved as ../results/figures/pred-margins-year-ss2_quote_to_speech.tif
note: 3.parl omitted because of collinearity
note: speech_92K_92 omitted because of collinearity
note: quote_92K_92 omitted because of collinearity
note: article_40K_40 omitted because of collinearity
note: 1.rank#1.MFA identifies no observations in the sample
note: 2.rank#1.MFA identifies no observations in the sample
```

[illegible]

note: 1.rank#1.MOM identifies no observations in the sample  
note: 6.rank#1.MOM identifies no observations in the sample  
note: 7.rank#1.MOM omitted because of collinearity  
note: 8.rank#1.MOM identifies no observations in the sample  
note: 9.rank#1.MOM identifies no observations in the sample  
note: 10b.rank#1.MOM identifies no observations in the sample  
note: 11.rank#1.MOM identifies no observations in the sample  
note: 12.rank#1.MOM identifies no observations in the sample  
note: 1.rank#1.MinDef identifies no observations in the sample  
note: 6.rank#1.MinDef omitted because of collinearity  
note: 7.rank#1.MinDef omitted because of collinearity  
note: 8.rank#1.MinDef identifies no observations in the sample  
note: 9.rank#1.MinDef identifies no observations in the sample  
note: 10b.rank#1.MinDef identifies no observations in the sample  
note: 11.rank#1.MinDef identifies no observations in the sample  
note: 12.rank#1.MinDef identifies no observations in the sample  
note: 1.rank#1.MSF identifies no observations in the sample  
note: 2.rank#1.MSF identifies no observations in the sample  
note: 7.rank#1.MSF identifies no observations in the sample  
note: 8.rank#1.MSF omitted because of collinearity  
note: 9.rank#1.MSF identifies no observations in the sample  
note: 10b.rank#1.MSF identifies no observations in the sample  
note: 11.rank#1.MSF identifies no observations in the sample  
note: 12.rank#1.MSF identifies no observations in the sample  
note: 1.rank#1.MOT identifies no observations in the sample  
note: 2.rank#1.MOT identifies no observations in the sample  
note: 6.rank#1.MOT omitted because of collinearity  
note: 7.rank#1.MOT omitted because of collinearity  
note: 8.rank#1.MOT omitted because of collinearity  
note: 9.rank#1.MOT identifies no observations in the sample  
note: 10b.rank#1.MOT identifies no observations in the sample  
note: 11.rank#1.MOT identifies no observations in the sample  
note: 12.rank#1.MOT identifies no observations in the sample  
note: 1.rank#1.MND identifies no observations in the sample  
note: 2.rank#1.MND identifies no observations in the sample  
note: 6.rank#1.MND omitted because of collinearity  
note: 8.rank#1.MND omitted because of collinearity  
note: 9.rank#1.MND identifies no observations in the sample  
note: 10b.rank#1.MND identifies no observations in the sample  
note: 11.rank#1.MND identifies no observations in the sample  
note: 12.rank#1.MND identifies no observations in the sample  
note: 4.rank#1.MOF omitted because of collinearity  
note: 5.rank#1.MOF omitted because of collinearity  
note: 6.rank#1.MOF identifies no observations in the sample  
note: 7.rank#1.MOF identifies no observations in the sample  
note: 8.rank#1.MOF identifies no observations in the sample  
note: 9.rank#1.MOF identifies no observations in the sample  
note: 10b.rank#1.MOF identifies no observations in the sample  
note: 11.rank#1.MOF identifies no observations in the sample  
note: 12.rank#1.MOF identifies no observations in the sample  
note: 1.rank#1.MOE identifies no observations in the sample  
note: 2.rank#1.MOE identifies no observations in the sample  
note: 6.rank#1.MOE omitted because of collinearity  
note: 8.rank#1.MOE omitted because of collinearity  
note: 9.rank#1.MOE identifies no observations in the sample  
note: 10b.rank#1.MOE identifies no observations in the sample  
note: 11.rank#1.MOE identifies no observations in the sample  
note: 12.rank#1.MOE identifies no observations in the sample  
note: 1.rank#1.speaker identifies no observations in the sample  
note: 2.rank#1.speaker identifies no observations in the sample  
note: 3.rank#1.speaker identifies no observations in the sample  
note: 5.rank#1.speaker identifies no observations in the sample  
note: 6.rank#1.speaker identifies no observations in the sample  
note: 7.rank#1.speaker identifies no observations in the sample  
note: 8.rank#1.speaker identifies no observations in the sample  
note: 10b.rank#1.speaker omitted because of collinearity  
note: 11.rank#1.speaker identifies no observations in the sample  
note: 12.rank#1.speaker identifies no observations in the sample



Linear regression

Number of obs = 14901  
 $F(362, 3420) = .$   
 Prob > F = .  
 R-squared = 0.2331  
 Root MSE = 23.802

(Std. Err. adjusted for 3421 clusters in article\_id)

ce_max_quote2sp~h	Coef.	Robust Std. Err.	t	P> t	[95% Conf. Interval]	
1.opposition	-12.70707	6.895483	-1.84	0.065	-26.22675	.8126112
year						
2006	9.41399	2.594694	3.63	0.000	4.326684	14.5013
2007	7.418531	4.534834	1.64	0.102	-1.472728	16.30979
2008	8.015114	4.549805	1.76	0.078	-.9054969	16.93572
2009	8.149621	4.34286	1.88	0.061	-.3652419	16.66448
2010	7.348235	4.448641	1.65	0.099	-1.374028	16.0705
2011	3.725076	4.567432	0.82	0.415	-5.230095	12.68025
2012	1.031074	5.092733	0.20	0.840	-8.954034	11.01618
2013	.5639021	5.214094	0.11	0.914	-9.659152	10.78696
2014	3.32177	5.052801	0.66	0.511	-6.585044	13.22858
2015	3.958941	5.118075	0.77	0.439	-6.075854	13.99374
2016	9.416313	2.567435	3.67	0.000	4.382452	14.45017
opposition#year						
1 2006	-9.458556	9.799676	-0.97	0.335	-28.67237	9.755257
1 2007	10.79761	7.433848	1.45	0.146	-3.777623	25.37284
1 2008	5.545325	11.74471	0.47	0.637	-17.48203	28.57268
1 2009	15.26446	7.089141	2.15	0.031	1.36508	29.16384
1 2010	-2.326152	9.690911	-0.24	0.810	-21.32671	16.67441
1 2011	6.893242	7.513081	0.92	0.359	-7.83734	21.62382
1 2012	10.8276	7.045608	1.54	0.124	-2.986426	24.64163
1 2013	11.79363	7.350372	1.60	0.109	-2.617936	26.20519
1 2014	12.05027	7.004239	1.72	0.085	-1.682647	25.78318
1 2015	6.999222	7.13399	0.98	0.327	-6.988091	20.98653
1 2016	11.85612	7.040292	1.68	0.092	-1.947482	25.65973
ln_quote	9.081442	.2937296	30.92	0.000	8.505538	9.657345
ln_speech	-2.383793	.3045341	-7.83	0.000	-2.980881	-1.786706
ln_article	-.0216493	.9812149	-0.02	0.982	-1.945476	1.902177
parl						
11th parliament	-2.093334	3.760041	-0.56	0.578	-9.465487	5.278819
12th parliament	6.113235	4.684279	1.31	0.192	-3.071033	15.2975
13th parliament	0	(omitted)				
gender						
female	-.7033467	.8181513	-0.86	0.390	-2.307462	.9007682
race						
malay	1.525019	1.084171	1.41	0.160	-.6006693	3.650707
indian	-1.748507	1.084379	-1.61	0.107	-3.874603	.3775887
eurasian	-.0314324	1.677552	-0.02	0.985	-3.320537	3.257672
age	-1.008654	.4765862	-2.12	0.034	-1.943076	-.0742314
age2	.0099481	.0051433	1.93	0.053	-.0001361	.0200324
tenure	.253422	.1611632	1.57	0.116	-.0625639	.5694079
tenure2	-.0098948	.0055376	-1.79	0.074	-.0207521	.0009625
weekday						
tuesday	-3.630149	1.676291	-2.17	0.030	-6.916783	-.3435145
wednesday	-2.364982	1.766864	-1.34	0.181	-5.829198	1.099235
thursday	-2.547727	1.759333	-1.45	0.148	-5.997176	.9017221
friday	-6.882909	2.147785	-3.20	0.001	-11.09398	-2.671838
saturday	-4.210014	2.027043	-2.08	0.038	-8.184352	-.2356754
sunday	13.66753	12.52618	1.09	0.275	-10.89203	38.22709
section2						
home	1.503463	7.28216	0.21	0.836	-12.77436	15.78129
insight	5.047242	9.291495	0.54	0.587	-13.1702	23.26468

money	7.233791	8.959407	0.81	0.419	-10.33254	24.80012
news	-7.069667	14.55844	-0.49	0.627	-35.61379	21.47446
opinion	6.343757	7.960247	0.80	0.426	-9.263564	21.95108
prime news	4.819804	7.216208	0.67	0.504	-9.32871	18.96832
review - insight	6.51407	11.4046	0.57	0.568	-15.84645	28.87459
singapore	2.038565	7.166177	0.28	0.776	-12.01186	16.08899
sports	3.929408	12.73581	0.31	0.758	-21.04116	28.89998
st	.5348718	7.394428	0.07	0.942	-13.96307	15.03281
think	-22.51418	16.29595	-1.38	0.167	-54.46497	9.436604
top of the news	.6445267	7.254725	0.09	0.929	-13.57951	14.86856
world	11.26143	10.48918	1.07	0.283	-9.304263	31.82712
translations	-2.732575	3.750144	-0.73	0.466	-10.08532	4.620174
speech_92K_1	-2.90819	10.1937	-0.29	0.775	-22.89455	17.07817
speech_92K_2	4.016053	7.630979	0.53	0.599	-10.94569	18.97779
speech_92K_3	-7.049507	8.77614	-0.80	0.422	-24.25652	10.1575
speech_92K_4	6.505618	8.749762	0.74	0.457	-10.64967	23.66091
speech_92K_5	-1.804974	14.98831	-0.12	0.904	-31.19192	27.58198
speech_92K_6	1.563611	10.43101	0.15	0.881	-18.88803	22.01525
speech_92K_7	-1.272535	7.723277	-0.16	0.869	-16.41524	13.87017
speech_92K_8	1.765855	8.607244	0.21	0.837	-15.11001	18.64172
speech_92K_9	-.0404689	13.6478	-0.00	0.998	-26.79914	26.7182
speech_92K_10	5.053218	7.583027	0.67	0.505	-9.814503	19.92094
speech_92K_11	3.110654	7.405223	0.42	0.674	-11.40846	17.62976
speech_92K_12	10.4338	13.7753	0.76	0.449	-16.57486	37.44246
speech_92K_13	-11.66661	12.29704	-0.95	0.343	-35.77689	12.44368
speech_92K_14	-5.294568	8.310787	-0.64	0.524	-21.58918	11.00004
speech_92K_15	-10.58719	15.07922	-0.70	0.483	-40.15238	18.978
speech_92K_16	-.6654147	10.16006	-0.07	0.948	-20.58582	19.25499
speech_92K_17	-2.72159	8.432862	-0.32	0.747	-19.25555	13.81237
speech_92K_18	-4.641649	14.15357	-0.33	0.743	-32.39196	23.10866
speech_92K_19	-.3236383	7.174591	-0.05	0.964	-14.39056	13.74328
speech_92K_20	13.52906	7.706898	1.76	0.079	-1.581529	28.63965
speech_92K_21	2.431274	7.249784	0.34	0.737	-11.78307	16.64562
speech_92K_22	5.952575	9.977702	0.60	0.551	-13.61028	25.51543
speech_92K_23	-3.980099	6.016283	-0.66	0.508	-15.77597	7.815773
speech_92K_24	-12.77526	7.276184	-1.76	0.079	-27.04137	1.490848
speech_92K_25	-8.018662	10.06642	-0.80	0.426	-27.75546	11.71813
speech_92K_26	-26.79581	17.45019	-1.54	0.125	-61.00967	7.418051
speech_92K_27	6.753281	13.70687	0.49	0.622	-20.12119	33.62775
speech_92K_28	6.120697	9.023066	0.68	0.498	-11.57045	23.81184
speech_92K_29	3.963568	9.110311	0.44	0.664	-13.89863	21.82577
speech_92K_30	-4.822836	11.28057	-0.43	0.669	-26.94017	17.29449
speech_92K_31	.7577859	6.718333	0.11	0.910	-12.41457	13.93014
speech_92K_32	16.69473	15.69246	1.06	0.287	-14.07283	47.46228
speech_92K_33	7.176687	7.840379	0.92	0.360	-8.195614	22.54899
speech_92K_34	-.5915694	8.430878	-0.07	0.944	-17.12164	15.9385
speech_92K_35	10.75338	8.876587	1.21	0.226	-6.65057	28.15733
speech_92K_36	11.77163	7.058098	1.67	0.095	-2.066887	25.61014
speech_92K_37	7.37964	11.32281	0.65	0.515	-14.82052	29.5798
speech_92K_38	6.490896	15.78606	0.41	0.681	-24.46017	37.44196
speech_92K_39	-.6512252	10.30492	-0.06	0.950	-20.85565	19.5532
speech_92K_40	2.700246	8.365518	0.32	0.747	-13.70167	19.10217
speech_92K_41	-14.75481	8.051515	-1.83	0.067	-30.54107	1.03146
speech_92K_42	-6.094258	12.47928	-0.49	0.625	-30.56186	18.37334
speech_92K_43	5.418118	8.635639	0.63	0.530	-11.51341	22.34965
speech_92K_44	.7471469	9.3456	0.08	0.936	-17.57638	19.07067
speech_92K_45	-1.721251	17.34322	-0.10	0.921	-35.72538	32.28288
speech_92K_46	-14.0692	17.07017	-0.82	0.410	-47.53797	19.39957
speech_92K_47	13.48191	10.67873	1.26	0.207	-7.455421	34.41924
speech_92K_48	14.70895	8.229902	1.79	0.074	-1.427072	30.84497
speech_92K_49	8.082029	10.66373	0.76	0.449	-12.8259	28.98996
speech_92K_50	-21.20787	14.99209	-1.41	0.157	-50.60222	8.186482
speech_92K_51	-.7149971	7.210216	-0.10	0.921	-14.85176	13.42177
speech_92K_52	12.31679	7.510144	1.64	0.101	-2.408035	27.04161
speech_92K_53	-3.951282	8.464923	-0.47	0.641	-20.5481	12.64554
speech_92K_54	15.17328	11.11817	1.36	0.172	-6.625635	36.9722
speech_92K_55	6.807695	9.485876	0.72	0.473	-11.79086	25.40625
speech_92K_56	-15.82035	14.2352	-1.11	0.266	-43.7307	12.09
speech_92K_57	-10.99407	9.031337	-1.22	0.224	-28.70143	6.713291
speech_92K_58	.7467889	8.471053	0.09	0.930	-15.86205	17.35563
speech_92K_59	-8.720254	7.977257	-1.09	0.274	-24.36092	6.920417

speech_92K_60	- .6117035	7.995581	-0.08	0.939	-16.2883	15.0649
speech_92K_61	3.473583	9.942138	0.35	0.727	-16.01955	22.96671
speech_92K_62	-8.999535	9.833994	-0.92	0.360	-28.28063	10.28156
speech_92K_63	34.70658	17.59351	1.97	0.049	.2117367	69.20143
speech_92K_64	-15.287	9.886713	-1.55	0.122	-34.67146	4.097461
speech_92K_65	3.547867	10.33598	0.34	0.731	-16.71745	23.81319
speech_92K_66	10.55554	7.980501	1.32	0.186	-5.091496	26.20257
speech_92K_67	-6.867581	7.632772	-0.90	0.368	-21.83283	8.097673
speech_92K_68	-9.759126	16.12484	-0.61	0.545	-41.37443	21.85618
speech_92K_69	-5.178367	9.590858	-0.54	0.589	-23.98276	13.62602
speech_92K_70	3.22388	9.912538	0.33	0.745	-16.21122	22.65898
speech_92K_71	-13.21349	13.05093	-1.01	0.311	-38.80189	12.37491
speech_92K_72	3.00673	8.801794	0.34	0.733	-14.25058	20.26404
speech_92K_73	9.129979	7.286473	1.25	0.210	-5.156302	23.41626
speech_92K_74	-8.131362	10.53963	-0.77	0.440	-28.79598	12.53326
speech_92K_75	3.903188	15.05154	0.26	0.795	-25.60773	33.41411
speech_92K_76	15.09296	8.311042	1.82	0.069	-1.202153	31.38807
speech_92K_77	-7.810763	9.442748	-0.83	0.408	-26.32476	10.70324
speech_92K_78	-47.0984	28.68525	-1.64	0.101	-103.3404	9.143566
speech_92K_79	9.258062	11.60203	0.80	0.425	-13.48956	32.00568
speech_92K_80	6.596613	6.487311	1.02	0.309	-6.122785	19.31601
speech_92K_81	4.234269	9.168435	0.46	0.644	-13.7419	22.21043
speech_92K_82	-13.06191	16.69051	-0.78	0.434	-45.7863	19.66247
speech_92K_83	-6.345753	12.64223	-0.50	0.616	-31.13283	18.44133
speech_92K_84	2.686474	12.002	0.22	0.823	-20.84534	26.21828
speech_92K_85	19.83276	8.8262	2.25	0.025	2.527599	37.13791
speech_92K_86	-3.980537	8.953435	-0.44	0.657	-21.53516	13.57409
speech_92K_87	-7.267663	10.90035	-0.67	0.505	-28.63952	14.10419
speech_92K_88	3.49057	8.64017	0.40	0.686	-13.44985	20.43099
speech_92K_89	.6288007	8.448256	0.07	0.941	-15.93534	17.19294
speech_92K_90	18.65173	10.3613	1.80	0.072	-1.663235	38.96669
speech_92K_91	9.459443	13.65191	0.69	0.488	-17.30728	36.22617
speech_92K_92	0	(omitted)				
quote_92K_1	2.159616	6.398118	0.34	0.736	-10.38491	14.70414
quote_92K_2	2.867416	3.957512	0.72	0.469	-4.891912	10.62674
quote_92K_3	7.721903	3.629433	2.13	0.033	.6058261	14.83798
quote_92K_4	7.610478	4.134995	1.84	0.066	-.4968323	15.71779
quote_92K_5	6.042211	5.202016	1.16	0.246	-4.157163	16.24158
quote_92K_6	3.333349	4.852393	0.69	0.492	-6.180533	12.84723
quote_92K_7	.5251904	3.582247	0.15	0.883	-6.49837	7.548751
quote_92K_8	2.29547	4.66965	0.49	0.623	-6.860117	11.45106
quote_92K_9	6.781101	5.22775	1.30	0.195	-3.468728	17.03093
quote_92K_10	1.576278	3.99289	0.39	0.693	-6.252413	9.404969
quote_92K_11	7.674081	3.549992	2.16	0.031	.7137621	14.6344
quote_92K_12	7.26433	5.318424	1.37	0.172	-3.163279	17.69194
quote_92K_13	8.402664	4.461454	1.88	0.060	-.3447204	17.15005
quote_92K_14	3.403447	3.593274	0.95	0.344	-3.641733	10.44863
quote_92K_15	.8729958	5.327797	0.16	0.870	-9.572991	11.31898
quote_92K_16	.0942759	4.494251	0.02	0.983	-8.717413	8.905965
quote_92K_17	4.755571	4.841616	0.98	0.326	-4.737182	14.24832
quote_92K_18	11.17235	5.584201	2.00	0.046	.2236399	22.12106
quote_92K_19	6.38391	3.892965	1.64	0.101	-1.248862	14.01668
quote_92K_20	4.358872	4.056346	1.07	0.283	-3.594234	12.31198
quote_92K_21	.8765711	4.104848	0.21	0.831	-7.171632	8.924774
quote_92K_22	8.567329	4.236637	2.02	0.043	.2607332	16.87392
quote_92K_23	5.318209	3.331315	1.60	0.110	-1.213359	11.84978
quote_92K_24	5.760912	3.409398	1.69	0.091	-.9237506	12.44557
quote_92K_25	-.4205935	5.543633	-0.08	0.940	-11.28976	10.44857
quote_92K_26	6.482132	4.264478	1.52	0.129	-1.87905	14.84331
quote_92K_27	10.12828	4.965138	2.04	0.041	.3933424	19.86322
quote_92K_28	.7857873	5.335776	0.15	0.883	-9.675843	11.24742
quote_92K_29	3.412715	3.825838	0.89	0.372	-4.088446	10.91387
quote_92K_30	6.955251	5.460671	1.27	0.203	-3.751258	17.66176
quote_92K_31	8.39391	3.834316	2.19	0.029	.8761282	15.91169
quote_92K_32	3.251767	4.164863	0.78	0.435	-4.914104	11.41764
quote_92K_33	5.388094	3.6294	1.48	0.138	-1.727917	12.50411
quote_92K_34	3.770264	4.640774	0.81	0.417	-5.328707	12.86923
quote_92K_35	4.496709	4.238214	1.06	0.289	-3.812979	12.8064
quote_92K_36	5.019411	4.128944	1.22	0.224	-3.076036	13.11486
quote_92K_37	5.713509	4.098296	1.39	0.163	-2.321847	13.74886
quote_92K_38	1.820475	5.585317	0.33	0.744	-9.130421	12.77137
quote_92K_39	7.372174	4.026361	1.83	0.067	-.522142	15.26649

quote_92K_40	1.431777	4.367023	0.33	0.743	-7.130461	9.994014
quote_92K_41	3.50599	3.624724	0.97	0.333	-3.600854	10.61283
quote_92K_42	4.192599	4.366533	0.96	0.337	-4.368679	12.75388
quote_92K_43	3.428975	3.74791	0.91	0.360	-3.919395	10.77734
quote_92K_44	7.287149	3.862915	1.89	0.059	-.2867058	14.861
quote_92K_45	5.236442	4.594196	1.14	0.254	-3.771205	14.24409
quote_92K_46	.8492817	7.459802	0.11	0.909	-13.77684	15.4754
quote_92K_47	.5813836	4.742493	0.12	0.902	-8.717022	9.87979
quote_92K_48	10.34282	3.967241	2.61	0.009	2.564417	18.12122
quote_92K_49	3.929549	5.197231	0.76	0.450	-6.260443	14.11954
quote_92K_50	-.8237528	6.278022	-0.13	0.896	-13.13281	11.4853
quote_92K_51	3.807997	3.606588	1.06	0.291	-3.263289	10.87928
quote_92K_52	-.3634865	4.168026	-0.09	0.931	-8.535559	7.808586
quote_92K_53	4.790835	4.309096	1.11	0.266	-3.657828	13.2395
quote_92K_54	2.266774	4.579532	0.49	0.621	-6.712121	11.24567
quote_92K_55	-.6886835	4.114683	-0.17	0.867	-8.756168	7.378801
quote_92K_56	2.096476	4.557962	0.46	0.646	-6.840128	11.03308
quote_92K_57	4.23012	3.836162	1.10	0.270	-3.291281	11.75152
quote_92K_58	5.496405	5.662777	0.97	0.332	-5.606364	16.59917
quote_92K_59	.6184114	4.043545	0.15	0.878	-7.309597	8.54642
quote_92K_60	8.205734	3.782947	2.17	0.030	.7886679	15.6228
quote_92K_61	5.575832	4.107227	1.36	0.175	-2.477036	13.6287
quote_92K_62	1.626657	4.157459	0.39	0.696	-6.524697	9.778012
quote_92K_63	5.962773	6.363563	0.94	0.349	-6.513997	18.43954
quote_92K_64	7.064257	5.004247	1.41	0.158	-2.747359	16.87587
quote_92K_65	3.046487	4.372766	0.70	0.486	-5.527011	11.61999
quote_92K_66	3.663144	3.819021	0.96	0.338	-3.82465	11.15094
quote_92K_67	1.85941	3.92284	0.47	0.636	-5.831938	9.550758
quote_92K_68	12.9856	4.773483	2.72	0.007	3.626431	22.34477
quote_92K_69	10.49943	4.133046	2.54	0.011	2.39594	18.60292
quote_92K_70	11.59712	4.093147	2.83	0.005	3.571859	19.62238
quote_92K_71	3.378938	5.012131	0.67	0.500	-6.448136	13.20601
quote_92K_72	2.159572	4.476874	0.48	0.630	-6.618045	10.93719
quote_92K_73	-.926834	4.514176	-0.21	0.837	-9.777589	7.923921
quote_92K_74	1.522656	5.440805	0.28	0.780	-9.144901	12.19021
quote_92K_75	3.95094	5.162152	0.77	0.444	-6.170273	14.07215
quote_92K_76	2.620679	3.472271	0.75	0.450	-4.187256	9.428615
quote_92K_77	3.845692	4.527914	0.85	0.396	-5.031999	12.72338
quote_92K_78	-.8402549	5.99981	-0.14	0.889	-12.60383	10.92332
quote_92K_79	3.59234	4.835105	0.74	0.458	-5.887648	13.07233
quote_92K_80	4.563807	3.845118	1.19	0.235	-2.975155	12.10277
quote_92K_81	5.300189	4.065607	1.30	0.192	-2.671076	13.27145
quote_92K_82	-2.399484	5.321365	-0.45	0.652	-12.83286	8.033891
quote_92K_83	-.4832078	4.498502	-0.11	0.914	-9.30323	8.336815
quote_92K_84	7.520294	4.43525	1.70	0.090	-1.175714	16.2163
quote_92K_85	7.931359	3.815305	2.08	0.038	.4508512	15.41187
quote_92K_86	5.026278	4.18094	1.20	0.229	-3.171114	13.22367
quote_92K_87	5.861365	4.662973	1.26	0.209	-3.281129	15.00386
quote_92K_88	7.944599	3.572457	2.22	0.026	.9402327	14.94896
quote_92K_89	2.730904	3.992254	0.68	0.494	-5.09654	10.55835
quote_92K_90	.4161296	5.027134	0.08	0.934	-9.44036	10.27262
quote_92K_91	3.037087	5.737996	0.53	0.597	-8.21316	14.28733
quote_92K_92	0	(omitted)				
article_40K_1	-19.58144	13.31038	-1.47	0.141	-45.67854	6.51565
article_40K_2	-21.17604	15.91894	-1.33	0.184	-52.38764	10.03556
article_40K_3	-34.64462	15.33022	-2.26	0.024	-64.70194	-4.587299
article_40K_4	-29.3607	28.93643	-1.01	0.310	-86.09515	27.37374
article_40K_5	-21.37872	15.87628	-1.35	0.178	-52.50667	9.749225
article_40K_6	-12.36567	17.94712	-0.69	0.491	-47.55383	22.82249
article_40K_7	-36.43087	13.9957	-2.60	0.009	-63.87165	-8.990088
article_40K_8	-15.80303	16.59007	-0.95	0.341	-48.33048	16.72443
article_40K_9	-29.07781	19.59318	-1.48	0.138	-67.49333	9.337705
article_40K_10	-36.53186	13.89711	-2.63	0.009	-63.77932	-9.284387
article_40K_11	-29.61986	15.97313	-1.85	0.064	-60.9377	1.697973
article_40K_12	-29.41496	13.97243	-2.11	0.035	-56.81012	-2.019794
article_40K_13	-33.79102	14.85125	-2.28	0.023	-62.90924	-4.672809
article_40K_14	-27.29288	15.03174	-1.82	0.070	-56.76498	2.179224
article_40K_15	-29.14245	14.43145	-2.02	0.044	-57.43758	-.8473155
article_40K_16	-24.80945	17.47369	-1.42	0.156	-59.06939	9.450487
article_40K_17	-30.51494	13.87162	-2.20	0.028	-57.71244	-3.317444
article_40K_18	-31.45679	14.40269	-2.18	0.029	-59.69555	-3.218033
article_40K_19	-38.2854	14.6702	-2.61	0.009	-67.04865	-9.522159

article_40K_20	-49.05923	20.64448	-2.38	0.018	-89.53599	-8.58248
article_40K_21	-46.42243	18.58228	-2.50	0.013	-82.85592	-9.988933
article_40K_22	-45.64121	22.48668	-2.03	0.042	-89.7299	-1.55253
article_40K_23	-26.95595	13.76937	-1.96	0.050	-53.95296	.0410713
article_40K_24	-40.89207	19.76522	-2.07	0.039	-79.64491	-2.139225
article_40K_25	-32.86635	18.61147	-1.77	0.077	-69.35707	3.624381
article_40K_26	-46.81695	15.78177	-2.97	0.003	-77.75961	-15.87429
article_40K_27	-31.6323	15.45609	-2.05	0.041	-61.93641	-1.328188
article_40K_28	-38.22005	15.18169	-2.52	0.012	-67.98615	-8.453939
article_40K_29	-28.86676	13.61361	-2.12	0.034	-55.55839	-2.175121
article_40K_30	-22.38533	15.33713	-1.46	0.145	-52.4562	7.685532
article_40K_31	-34.15945	15.43254	-2.21	0.027	-64.41737	-3.901527
article_40K_32	-16.95635	14.35287	-1.18	0.238	-45.09742	11.18472
article_40K_33	-36.01207	14.63232	-2.46	0.014	-64.70105	-7.323097
article_40K_34	-35.31325	14.01323	-2.52	0.012	-62.7884	-7.838096
article_40K_35	-42.56064	15.20083	-2.80	0.005	-72.36426	-12.75702
article_40K_36	-20.07908	13.48748	-1.49	0.137	-46.5234	6.365249
article_40K_37	-33.83712	14.87393	-2.27	0.023	-62.99982	-4.674424
article_40K_38	-49.63396	21.2239	-2.34	0.019	-91.24676	-8.021165
article_40K_39	-33.33782	15.31866	-2.18	0.030	-63.37247	-3.303165
article_40K_40	0	(omitted)				
rank						
pm	-21.37769	6.716801	-3.18	0.001	-34.54704	-8.208341
dpm	-1.290186	2.454489	-0.53	0.599	-6.102599	3.522228
minister	-2.239675	1.821162	-1.23	0.219	-5.81035	1.331001
sms	-1.251556	3.526989	-0.35	0.723	-8.166775	5.663663
mos	5.608717	3.970997	1.41	0.158	-2.17705	13.39448
mayor	1.120711	2.176173	0.51	0.607	-3.146019	5.387441
sps	-11.32966	14.81432	-0.76	0.444	-40.37546	17.71615
parl sec	19.36266	6.209057	3.12	0.002	7.188825	31.5365
speaker	14.32647	4.139614	3.46	0.001	6.210104	22.44284
ncmp	2.850643	2.34241	1.22	0.224	-1.742022	7.443307
nmp	1.850614	1.378158	1.34	0.179	-.8514831	4.552711
MFA	30.33295	29.50362	1.03	0.304	-27.51354	88.17945
PMO	1.840278	4.848368	0.38	0.704	-7.665713	11.34627
MEWR	5.984173	17.08687	0.35	0.726	-27.51734	39.48569
MCI	12.24461	29.68518	0.41	0.680	-45.95787	70.44709
MTI	-25.3798	29.04318	-0.87	0.382	-82.32354	31.56394
MHA	-13.11229	6.987334	-1.88	0.061	-26.81206	.5874825
MCCY	-11.1904	5.445176	-2.06	0.040	-21.86653	-.5142751
MinLaw	-14.27161	27.13703	-0.53	0.599	-67.47804	38.93482
MOH	-57.63493	25.30784	-2.28	0.023	-107.255	-8.014914
MOM	15.54243	13.80885	1.13	0.260	-11.53201	42.61686
MinDef	16.63817	5.769695	2.88	0.004	5.325768	27.95056
MSF	-38.25904	9.55727	-4.00	0.000	-56.99757	-19.5205
MOT	35.73729	27.467	1.30	0.193	-18.1161	89.59069
MND	-11.49429	4.766608	-2.41	0.016	-20.83998	-2.148606
MOF	-2.596681	3.128042	-0.83	0.407	-8.729701	3.536338
MOE	39.20656	12.41851	3.16	0.002	14.85811	63.55501
speaker	5.996277	2.895971	2.07	0.038	.3182682	11.67429
rank#MFA						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-30.75262	29.55858	-1.04	0.298	-88.70688	27.20163
sms#1	-30.36029	29.52648	-1.03	0.304	-88.25162	27.53104
mos#1	-36.11383	30.07474	-1.20	0.230	-95.0801	22.85243
mayor#1	0	(omitted)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#PMO						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	.2600374	5.101875	0.05	0.959	-9.742993	10.26307
sms#1	-1.017109	5.780955	-0.18	0.860	-12.35158	10.31737

mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MEWR						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-4.080261	17.21853	-0.24	0.813	-37.83992	29.67939
sms#1	-9.346181	17.88476	-0.52	0.601	-44.41208	25.71972
mos#1	-5.759245	17.69781	-0.33	0.745	-40.45859	28.9401
mayor#1	1.607799	17.77669	0.09	0.928	-33.2462	36.4618
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-11.94444	29.76468	-0.40	0.688	-70.3028	46.41392
sms#1	-6.627655	30.04398	-0.22	0.825	-65.53361	52.2783
mos#1	-17.65175	29.8712	-0.59	0.555	-76.21896	40.91546
mayor#1	0	(empty)				
sps#1	27.6466	17.09039	1.62	0.106	-5.861805	61.15501
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MTI						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	28.05197	29.06075	0.97	0.334	-28.92621	85.03016
sms#1	29.37124	29.27452	1.00	0.316	-28.02608	86.76856
mos#1	23.61846	29.0963	0.81	0.417	-33.42943	80.66634
mayor#1	-9.726195	31.86264	-0.31	0.760	-72.19794	52.74555
sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MHA						
pm#1	0	(empty)				
dpm#1	12.96877	7.413517	1.75	0.080	-1.566601	27.50414
minister#1	14.92287	7.305767	2.04	0.041	.5987628	29.24698
sms#1	13.93217	7.628653	1.83	0.068	-1.025009	28.88935
mos#1	3.281664	11.09321	0.30	0.767	-18.46832	25.03165
mayor#1	0	(empty)				
sps#1	29.19474	14.05001	2.08	0.038	1.647479	56.74201
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MCCY						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	14.83762	5.882806	2.52	0.012	3.303455	26.37179
sms#1	10.9797	8.446546	1.30	0.194	-5.581086	27.54049
mos#1	13.24826	8.084384	1.64	0.101	-2.602454	29.09897
mayor#1	-18.68372	31.08929	-0.60	0.548	-79.63918	42.27174

sps#1	-7.032152	32.73132	-0.21	0.830	-71.20708	57.14278
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinLaw						
pm#1	0	(empty)				
dpm#1	19.05141	27.60453	0.69	0.490	-35.07162	73.17445
minister#1	18.71353	27.25458	0.69	0.492	-34.72336	72.15043
sms#1	18.88926	27.26998	0.69	0.489	-34.57784	72.35636
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOH						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	58.90026	25.8064	2.28	0.023	8.302743	109.4978
sms#1	64.55261	25.74004	2.51	0.012	14.0852	115.02
mos#1	52.88674	25.83103	2.05	0.041	2.240931	103.5325
mayor#1	0	(empty)				
sps#1	59.37676	26.34582	2.25	0.024	7.721615	111.0319
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOM						
pm#1	0	(empty)				
dpm#1	-10.50961	15.98448	-0.66	0.511	-41.84971	20.83049
minister#1	-13.9395	13.89694	-1.00	0.316	-41.18664	13.30764
sms#1	-20.10439	14.63123	-1.37	0.170	-48.79123	8.582447
mos#1	-18.83854	14.0211	-1.34	0.179	-46.32911	8.652039
mayor#1	0	(empty)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MinDef						
pm#1	0	(empty)				
dpm#1	-12.02345	6.582984	-1.83	0.068	-24.93042	.8835328
minister#1	-15.81987	6.117806	-2.59	0.010	-27.81479	-3.82494
sms#1	-13.12243	6.778054	-1.94	0.053	-26.41188	.1670099
mos#1	-32.51661	8.51266	-3.82	0.000	-49.20702	-15.82619
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MSF						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	37.72869	9.885452	3.82	0.000	18.3467	57.11068
sms#1	28.14727	11.24124	2.50	0.012	6.107046	50.18749
mos#1	21.3141	13.46791	1.58	0.114	-5.091855	47.72005
mayor#1	66.77114	28.93045	2.31	0.021	10.04842	123.4939
sps#1	0	(empty)				
parl sec#1	0	(omitted)				

speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOT						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-33.2992	27.53779	-1.21	0.227	-87.29138	20.69299
sms#1	-34.2687	27.72893	-1.24	0.217	-88.63565	20.09824
mos#1	-37.54005	27.969	-1.34	0.180	-92.37769	17.2976
mayor#1	0	(omitted)				
sps#1	0	(omitted)				
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MND						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	17.96438	5.196686	3.46	0.001	7.775455	28.1533
sms#1	11.95709	5.442202	2.20	0.028	1.286796	22.62739
mos#1	14.07248	5.928015	2.37	0.018	2.449668	25.69529
mayor#1	0	(omitted)				
sps#1	30.65279	15.81077	1.94	0.053	-.3467139	61.65229
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOF						
pm#1	-1.336852	10.32818	-0.13	0.897	-21.58689	18.91318
dpm#1	-17.65475	6.054508	-2.92	0.004	-29.52557	-5.783931
minister#1	-5.093464	3.895684	-1.31	0.191	-12.73157	2.54464
sms#1	0	(omitted)				
mos#1	0	(omitted)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#MOE						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	-36.36527	12.6628	-2.87	0.004	-61.19268	-11.53785
sms#1	-39.84767	12.78207	-3.12	0.002	-64.90894	-14.7864
mos#1	-35.66644	13.2148	-2.70	0.007	-61.57614	-9.756735
mayor#1	0	(omitted)				
sps#1	-40.1926	15.34337	-2.62	0.009	-70.2757	-10.1095
parl sec#1	0	(omitted)				
speaker#1	0	(empty)				
mp#1	0	(empty)				
ncmp#1	0	(empty)				
nmp#1	0	(empty)				
rank#speaker						
pm#1	0	(empty)				
dpm#1	0	(empty)				
minister#1	0	(empty)				
sms#1	-1.311809	5.255326	-0.25	0.803	-11.6157	8.992087
mos#1	0	(empty)				
mayor#1	0	(empty)				
sps#1	0	(empty)				
parl sec#1	0	(empty)				
speaker#1	-14.64619	4.647068	-3.15	0.002	-23.7575	-5.534884
mp#1	0	(omitted)				



ncmp#1	0	(empty)				
nmp#1	0	(empty)				
_cons	129.1741	20.60082	6.27	0.000	88.78296	169.5653

Predictive margins  
Model VCE : **Robust** Number of obs = **14901**

Expression : **Linear prediction, predict()**  
over : **year**

	Margin	Delta-method Std. Err.	t	P> t	[95% Conf. Interval]	
year#opposition						
2005 0	82.08697	2.064877	39.75	0.000	78.03846	86.13549
2005 1	69.3799	6.777066	10.24	0.000	56.09239	82.66741
2006 0	91.16763	1.561719	58.38	0.000	88.10564	94.22963
2006 1	69.00201	7.483403	9.22	0.000	54.32961	83.6744
2007 0	89.03472	1.122952	79.29	0.000	86.83299	91.23644
2007 1	87.12526	3.190539	27.31	0.000	80.8697	93.38081
2008 0	91.10413	1.500073	60.73	0.000	88.163	94.04526
2008 1	83.94238	9.469981	8.86	0.000	65.37499	102.5098
2009 0	92.94751	1.024828	90.70	0.000	90.93817	94.95685
2009 1	95.5049	2.180764	43.79	0.000	91.22917	99.78063
2010 0	92.35919	1.035531	89.19	0.000	90.32887	94.38952
2010 1	77.32597	7.062402	10.95	0.000	63.47902	91.17292
2011 0	87.40157	1.4261	61.29	0.000	84.60548	90.19767
2011 1	81.58774	3.001961	27.18	0.000	75.70192	87.47356
2012 0	90.00497	.991349	90.79	0.000	88.06127	91.94866
2012 1	88.1255	1.887325	46.69	0.000	84.4251	91.8259
2013 0	86.73607	1.141721	75.97	0.000	84.49755	88.97459
2013 1	85.82263	2.613301	32.84	0.000	80.69884	90.94642
2014 0	92.38807	.7977486	115.81	0.000	90.82396	93.95219
2014 1	91.73127	1.60833	57.04	0.000	88.57789	94.88466
2015 0	91.96952	.9587646	95.93	0.000	90.08971	93.84933
2015 1	86.26167	2.243291	38.45	0.000	81.86335	90.66
2016 0	93.86405	.5725627	163.94	0.000	92.74145	94.98665
2016 1	93.0131	2.147291	43.32	0.000	88.803	97.2232

Variables that uniquely identify margins: opposition year  
**Graph saved as ../results/figures/pred-margins-year-ce\_max\_quote2speech.png**  
(file ../results/figures/pred-margins-year-ce\_max\_quote2speech.pdf written in PDF form  
> at)  
**Graph saved as ../results/figures/pred-margins-year-ce\_max\_quote2speech.pdf**  
**Override ption not allowed - ignoring override option**  
(file ../results/figures/pred-margins-year-ce\_max\_quote2speech.eps written in EPS form  
> at)  
**Graph saved as ../results/figures/pred-margins-year-ce\_max\_quote2speech.eps**  
**Graph saved as ../results/figures/pred-margins-year-ce\_max\_quote2speech.tif**

450

451

452 beepme 2

453 log close

name: &lt;unnamed&gt;

log: \\wsl.localhost\Debian\home\lsys\neutrality\analysis\logs\figure3.smcl

log type: smcl

closed on: 2 Dec 2025, 12:08:21