

Supplemental Results: Voting, Speechmaking, and the Dimensions of Conflict in the US Senate

July 16, 2015

Abstract

This appendix contains two sets of supplemental results. First, we include a summary of vote and term data used in the main paper. Second, we include the top and ten bottom words for each of the first six dimensions identified by SFA when applied to only the term data.

Senate	Senators	Votes	Total Terms		Frequent Terms			
			Number	% Zero	Number	% Zero	Minimum	Maximum
105	100	613	2880504	97.8	3168	10.7	0	2838
106	102	670	940615	94.6	3804	13.9	0	2995
107	100	633	765696	94.6	3155	13.3	0	4993
108	100	676	813635	94.6	3384	13.5	0	3702
109	101	645	788693	94.7	3350	13.7	0	3816
110	102	658	846720	94.6	3711	15.2	0	5211
111	110	697	783331	95.0	3473	19.9	0	3494
112	101	487	572247	94.7	2532	15.1	0	2946

Table 1: **Data summary by Senate.** The first three columns report the session of the Senate, the number of distinct Senators who served, and the total number of votes cast. A “term” is a stemmed one- or two- word phrase. We restrict our attention to frequent terms, excluding “stop words” see the text for details.

105th Senate

Dimension 1

can
time
bill
say
year
one
amend
want
work
fund

Dimension 2

family
people
children
tobacco
health
school
percent
care
cut
tax

Dimension 3

say
money
get
thing
tax
think
said
billion
want
fund

Dimension 4

health
educ
care
unanim consent
ask unanim
unanim
consent
Ida
health care
fund

Dimension 5

tax
budget
social
balanc
spend
feder
social secur
balanc budget
fund
fund

Dimension 6

judg
court
attorney
law
judicari
balanc budget
nomine
tobacco
judici
fund

Words with Negative Level

—
want
tax
tax
tax
without question
credit union
without question
nato
objection related

appropriate
ask
act
author
section
consent
ask unanim
unanim
unanim consent
committe

student
educ
provid
medic
protect
women
public
health
children

hall
attorney
justic
judicari
debt
law
unit
judg
constitut
court

work
hope
leader
said
school
know
children
think
nato

fund
dakota
nation
north
year
state
trade
unit
nuclear
million

106th Senate

Words with Negative Level	Words with Positive Level
<p>Dimension 1</p> <p>risk manag habitat hawaii nativ american taiwan museum fish wildlif ballist harvest</p> <p>Dimension 2</p> <p>health school care children prescript famili medicar cut ding</p> <p>Dimension 3</p> <p>act provid program servic includ legisl section effect health</p> <p>Dimension 4</p> <p>tax budget social secur social secur surplus billion spend energ</p> <p>Dimension 5</p> <p>educ health teacher care ask unanim unanim consent unanim school consent</p> <p>Dimension 6</p> <p>farmer enforc tax farm bankruptci dari bank law judg</p>	<p>people amend work say bill one year want time can</p> <p>ask committe lewinski proceed ask unanim unanim unanim consent consent</p> <p>chief ask committe lewinski proceed ask unanim unanim unanim consent consent</p> <p>act provid program servic includ legisl section effect health</p> <p>tax budget social secur social secur surplus billion spend energ</p> <p>educ health teacher care ask unanim unanim consent unanim school consent</p> <p>farmer enforc tax farm bankruptci dari bank law judg</p>

107th Senate

Dimension 1

bill
can
amend
time
say
people
vote
one
year
sent

Dimension 2

act
court
judg
author
section
include
nomine
general
confirm
sen

Dimension 3

motion
proceed
morn
reconSID
motion reconSID
reconSID laid
table
revocada
quorum
bill

Dimension 4

health
program
school
educ
care
children
insur
provid
busi
bill

Dimension 5

nation
secur
energi
budget
billion
fiscal
unit
fund
defens
bill

Dimension 6

children
school
teacher
women
educ
day
student
live
think
sent

Words with Negative Level

sent
bill
reconSID
reconSID laid
table
revocada
quorum
bill

king
farm
trade
talk
peopl
want
think
get
say
tax

sen
children
tax
bill
year
percent
support
drug
provid
state

warion
designah
homeland
Iraq
missil
say
said
defens
constitut
war

confirm
nomin
republican
judiciali
judici
circuit
drug
nomin
judg
court

senat
educ
nomin
farm bill
tax
committe
agricultur
bill
farmer
farm

gift scout

tax

state

war

court

farm

108th Senate

Dimension 1

bill
time
one
year
can
amend
peopl
work
say
vax

Dimension 2

feder
administr
program
nation
act
provid
shall
requir
includ

Dimension 3

nomi
committe
judg
act
confirm
circuit
proceed
consider
court

Dimension 4

amend
secur
intellig
budget
billion
bill
appropri
program
report

Dimension 5

intellig
iraq
nuclear
weapon
secur
war
defens
amend
money

Dimension 6

energi
bill
tax
trade
committe
market
leder
gas
california

Words with Negative Level

without objection
objection ordered

ask unanimous
unanim consent
unanim consent

deficit
tax

nomine
judg
court

medicar
health

war
iraq

Words with Positive Level

proceed
leader
morn
ask

billion
get
job
pay
cut

suprem
suprem court
case
law
justic

health care
drug
care

american
bush
famili
administr

109th Senate

Words with Negative Level	Words with Positive Level	Words with Positive Level	Words with Positive Level	Words with Positive Level	Words with Positive Level
<p>Dimension 1</p> <ul style="list-style-type: none"> bill time peopl year can amend one work american 	<p>Dimension 2</p> <ul style="list-style-type: none"> tax pay social money get cut say said country 	<p>Dimension 3</p> <ul style="list-style-type: none"> program act provid health state shall section includ fund 	<p>Dimension 4</p> <ul style="list-style-type: none"> tax billion budget money get deficit unanim consent spend ask unanim 	<p>Dimension 5</p> <ul style="list-style-type: none"> famili health life school care help love today hand 	<p>Dimension 6</p> <ul style="list-style-type: none"> state unit iraq said nation bill secretari matrn rememb
<p>Dimension 1</p> <ul style="list-style-type: none"> — — — — — — — — — 	<p>Dimension 2</p> <ul style="list-style-type: none"> author committe consider motion unanim consent consent ask unanim unanim proceed 	<p>Dimension 3</p> <ul style="list-style-type: none"> said come say vote unanim ask unanim unanim consent consent ask 	<p>Dimension 4</p> <ul style="list-style-type: none"> congress product women republican justic judg law iraq court 	<p>Dimension 5</p> <ul style="list-style-type: none"> immigr bill vote judg think border amend law court 	<p>Dimension 6</p> <ul style="list-style-type: none"> weap justic health care insur republican cut budget health tax

110th Senate

Dimension 1

pay
tribut
brigad
qualiti
life
rise today
idaho
wyom
fort
hurtemore
amild
missa

Dimension 2

get
thing
money
say
lot
think
talk
want
tax
of

Dimension 3

iraq
war
motion
proceed
clotur
friend
leader
republican
mion

Dimension 4

court
general
tax
judg
intellig
congress
terrorist
law
amend
collom

Dimension 5

iraq
war
peopl
american
countri
alqaida
millari
worker
lipo
fing

Dimension 6

school
children
peopl
get
drug
student
iowa
republican
lta
vate

Words with Negative Level

get
make
work
one
american
people
can
time
year
bill

support
public
state
ensur
legisl
law
nation
court
provid
act

care
pay
billion
budget
program
increas
drug
percent
tax
health

women
educ
student
food
help
school
famili
care
children
health

democr
claw
revenu
financ
budget
amt
busi
medicar
committe
tax

barrel
iraq
specul
gas
market
indian
trade
price
energi
oil

11 11th Senate

Dimension 1

people
bill
year
one
get
time
can
health
american

Dimension 2

spend
tax
debt
trillion
say
money
medicar
billion
think

Dimension 3

insur
job
get
unemploy
ask unanim
famili
work
motion
motion

Dimension 4

health
small
care
small busi
health care
busi
tax
provide
bill

Dimension 5

financi
energi
bank
credit
trade
oil
nuclear
indian
issue

Dimension 6

court
countri
people
right
justic
bush
compani
judg
money

Words with Negative Level

congress
support
also
justic
serv
nation
norm
court
provide
act

insur
judg
constitut
billion
unit
law
congress
court
govern
feder

health
small
care
small busi
health care
busi
tax
provide
bill

financi
energi
bank
credit
trade
oil
nuclear
indian
issue

court
countri
people
right
justic
bush
compani
judg
money

congress
dollar
follow
leader
tax
minut
budget
nevada
motion
amend

112th Senate

Dimension 1

today wish
 madam rise
 rise today
 army
 colleagu support
 deploy
 air forc
 resources
 recognit
 sept

Dimension 2

nomi
 district
 protect
 women
 judici
 court
 confirm
 nomine
 nation
 sept

Dimension 3

feder
 law
 increas
 govern
 spend
 congress
 report
 administ
 court
 sept

Dimension 4

health
 student
 care
 school
 work
 compani
 famill
 job
 children
 sept

Dimension 5

busi
 tax
 job
 small
 small busi
 trade
 econom
 agreement
 legis
 sept

Dimension 6

debt
 student
 card
 bank
 fee
 dream
 collig
 ban
 school
 sept

Words with Negative Level

vote
 tax
 get
 american
 time
 one
 can
 year
 bill
 peopl

money
 peopl
 say
 get
 tax
 think
 budget
 trillion
 debt
 spend

idea
 bid
 ask unann
 action debate
 laid upon
 proceed
 motion reconsid
 interven action
 morn
 motion

nomine
 tender
 consid
 judg
 obama
 clotur
 confirm
 nomin
 democrat

bill
 judicari
 judid
 judg
 nomine
 peopl
 want
 money
 court
 say

stare
 know
 time
 say
 oil
 one
 amend
 get
 can
 bill