```
#for nvmax=4
reg3<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s
hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+guan
t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog
mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=4,really.big=TRUE)
> summary(reg3)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 4, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
i
      FALSE
                FALSE
WPS
         FALSE
                   FALSE
Qmarks
          FALSE
                    FALSE
Unique
         FALSE
                   FALSE
Dic
       FALSE
                 FALSE
Sixltr
       FALSE
                 FALSE
funct
        FALSE
                  FALSE
pronoun
          FALSE
                    FALSE
ppron
         FALSE
                  FALSE
        FALSE
                  FALSE
we
        FALSE
                  FALSE
you
shehe
        FALSE
                 FALSE
they
        FALSE
                  FALSE
ipron
        FALSE
                  FALSE
article
        FALSE
                  FALSE
verb
        FALSE
                  FALSE
auxverb
        FALSE
                  FALSE
past
        FALSE
                  FALSE
present FALSE
                   FALSE
future
        FALSE
                  FALSE
```

adverb	FALSE	FALSE
preps	FALSE	FALSE
conj	FALSE	FALSE
negate	FALSE	FALSE
quant	FALSE	FALSE
number	FALSE	FALSE
swear	FALSE	FALSE
social	FALSE	FALSE
family	FALSE	FALSE
friend	FALSE	FALSE
humans	FALSE	FALSE
affect	FALSE	FALSE
posemo	FALSE	FALSE
negemo	FALSE	FALSE
anx	FALSE	FALSE
anger	FALSE	FALSE
sad	FALSE	FALSE
cogmec	h FALSE	FALSE
insight	FALSE	FALSE
cause	FALSE	FALSE
discrep	FALSE	FALSE
tentat	FALSE	FALSE
certain	FALSE	FALSE
inhib	FALSE	FALSE
incl	FALSE	FALSE
excl	FALSE	FALSE
percept	FALSE	FALSE
see	FALSE	FALSE
hear	FALSE	FALSE
feel	FALSE	FALSE
bio	FALSE	FALSE
body	FALSE	FALSE
health	FALSE	FALSE
sexual	FALSE	FALSE
ingest	FALSE	FALSE
relativ	FALSE	FALSE
motion	FALSE	FALSE
space	FALSE	FALSE
time	FALSE	FALSE
work	FALSE	FALSE
achieve	FALSE	FALSE
leisure	FALSE	FALSE
home	FALSE	FALSE

```
FALSE
                  FALSE
money
       FALSE
              FALSE
relig
death
        FALSE
                 FALSE
        FALSE
                 FALSE
assent
       FALSE
                FALSE
nonfl
filler
      FALSE
               FALSE
1 subsets of each size up to 4
Selection Algorithm: exhaustive
    i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article
verb auxverb past
1 (1)"""""
2 (1)""""" ""
3 (1)"*"""" ""
4 (1)""""" ""
                                 *** """"" "" "" ""
                        11*11 11 11
    present future adverb preps conj negate quant number swear social family friend humans
affect posemo
1 (1)"" ""
2 (1)""
3 (1)""
                     4 (1)""
    negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl excl
percept see hear feel
1 (1)""
2 (1)""
         . . . . . . . . . . .
3 (1)""
4 (1)"" """" """"
                           . . . . .
                                   bio body health sexual ingest relativ motion space time work achieve leisure home money
relig death
1 (1)""""""
2 (1)""""""
3 (1)""""""
4 (1)""""""
    assent nonfl filler
1 (1)"" "" ""
2 (1)"" "" ""
3 (1)"" "" ""
4 (1)"" "" ""
> #for nvmax=5
```

reg4<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+quan t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body

```
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=5,really.big=TRUE)
> summary(reg4)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 5, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
      FALSE
                FALSE
i
WPS
         FALSE
                   FALSE
Qmarks
          FALSE
                   FALSE
Unique
         FALSE
                   FALSE
Dic
       FALSE
                 FALSE
Sixltr
       FALSE
                 FALSE
funct
        FALSE
                 FALSE
pronoun
          FALSE
                   FALSE
ppron
        FALSE
                  FALSE
we
        FALSE
                 FALSE
you
        FALSE
                 FALSE
shehe
         FALSE
                 FALSE
they
        FALSE
                 FALSE
ipron
        FALSE
                 FALSE
article
        FALSE
                 FALSE
verb
        FALSE
                 FALSE
auxverb FALSE FALSE
past
        FALSE
                 FALSE
present FALSE
                 FALSE
                 FALSE
future
        FALSE
adverb
         FALSE
                 FALSE
preps
        FALSE
                  FALSE
conj
        FALSE
                 FALSE
negate
        FALSE
                 FALSE
quant
        FALSE
                  FALSE
number
          FALSE
                   FALSE
```

FALSE FALSE swear social FALSE **FALSE** family FALSE **FALSE** friend **FALSE FALSE FALSE FALSE** humans affect **FALSE FALSE** posemo **FALSE FALSE** negemo **FALSE FALSE** anx **FALSE FALSE** anger **FALSE FALSE** sad **FALSE FALSE FALSE** cogmech **FALSE FALSE** insight **FALSE** cause **FALSE FALSE** discrep **FALSE FALSE** FALSE tentat **FALSE** certain **FALSE FALSE** inhib **FALSE FALSE FALSE** incl **FALSE FALSE FALSE** excl percept **FALSE FALSE** see **FALSE FALSE** FALSE **FALSE** hear **FALSE** FALSE feel bio **FALSE FALSE** body **FALSE FALSE** health **FALSE FALSE** sexual **FALSE FALSE** ingest **FALSE FALSE FALSE** relativ **FALSE** motion **FALSE FALSE** space **FALSE FALSE** time **FALSE FALSE** work **FALSE FALSE FALSE** achieve **FALSE** leisure **FALSE FALSE** home **FALSE FALSE** money **FALSE FALSE** relig **FALSE FALSE** death **FALSE FALSE** assent **FALSE FALSE** FALSE FALSE nonfl filler **FALSE FALSE**

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2 (1) "	"	" "	"	"	•	' "		"	" '	' "		" "	1	" '	•	,	' "	"	"	" "		"	"	*"	"	"	"	"	•	' "	"	"	"	"						
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1 (,		" "	"	"		"			"		"			"		" "		" "	"	*"	"	"		" '		•	' "	"	"	" '	•	" "								
2 (1) "	"	" "	"	"		"	"	'	"		"	"	"	"		" "		" "	"	*"	"	"		" '	"	•	' "	"	"	" '	•	" "								
3 (1) "	"	" "	"	"		"	"	•	"		"	"	"	"		" "		" "	"	"	"	"		!! *!	"	•	' "	"	"	" '	•	" "								
4 (1) "	"	" "	"	"		"	"	•	"		"	"	"	"		" "		" "	•	"	"	"		" *"	"	•	' "	"	"	" '	•	" "								
5 (1) "	"	" "	"	"		"	"	•	"		"	"	"	"		" "		" "	"	"	"	"		"*"	"	•	' "	"	"	" '	•	" "								
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1 (1) "	"	•	" "	•	" "	,																																		
2 (,	" "	,	" "	,																																		
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4 (,	" "	,	,, ,,	,																																		
5 (,		,	,, ,,	,																																		
>#				าล	x=	6																																				

reg5<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+quan t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body +health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig

```
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=6,really.big=TRUE)
> summary(reg5)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 6, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
i
      FALSE
               FALSE
WPS
         FALSE
                  FALSE
Qmarks
          FALSE
                   FALSE
         FALSE
Unique
                   FALSE
Dic
       FALSE
                 FALSE
Sixltr
       FALSE
                 FALSE
funct
        FALSE
                 FALSE
pronoun FALSE
                   FALSE
ppron
        FALSE
                  FALSE
we
        FALSE
                 FALSE
you
        FALSE
                 FALSE
shehe
        FALSE FALSE
they
        FALSE
                 FALSE
ipron
        FALSE
                 FALSE
article
       FALSE
                 FALSE
verb
        FALSE
                 FALSE
auxverb
        FALSE FALSE
past
        FALSE
                 FALSE
present FALSE
                 FALSE
future
        FALSE
                 FALSE
adverb
        FALSE
                 FALSE
preps
        FALSE
                  FALSE
conj
        FALSE
                 FALSE
negate
        FALSE
                 FALSE
quant
        FALSE
                  FALSE
number
         FALSE
                   FALSE
swear
        FALSE
                  FALSE
```

social FALSE **FALSE** FALSE family **FALSE** friend FALSE **FALSE** humans **FALSE FALSE FALSE FALSE** affect posemo **FALSE FALSE** negemo **FALSE FALSE** anx **FALSE FALSE** anger **FALSE FALSE** sad **FALSE FALSE** cogmech **FALSE FALSE** insight **FALSE FALSE FALSE** cause **FALSE** discrep **FALSE FALSE** tentat **FALSE FALSE** certain **FALSE FALSE** inhib **FALSE FALSE** incl **FALSE FALSE** excl **FALSE FALSE** percept FALSE **FALSE** see **FALSE FALSE** hear FALSE **FALSE** FALSE feel FALSE **FALSE FALSE** bio body **FALSE FALSE** health **FALSE FALSE FALSE** sexual **FALSE** ingest **FALSE FALSE** relativ **FALSE FALSE** motion **FALSE FALSE** space **FALSE FALSE** time **FALSE FALSE** work **FALSE FALSE** achieve **FALSE FALSE FALSE** leisure **FALSE** home **FALSE FALSE** money **FALSE FALSE** FALSE **FALSE** relig death **FALSE FALSE** assent **FALSE FALSE** FALSE nonfl **FALSE FALSE FALSE** filler 1 subsets of each size up to 6

Selection Algorithm: exhaustive	
i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article	
verb auxverb past	
1 (1)""""" "" """" "" "" "" """"" "" "" "" "	
2 (1)""""" "" "" "" "" "" "" "" "" "" "" ""	
3 (1) "*" " " " " " " " " " " " " " " " " "	
4 (1) """" "" "" "" "" "" "" "" "" "" "" ""	
5 (1) """"" "" "" "" "" "" "" "" "" "" "" ""	
6 (1) """" "" "" "*" "" "*" "" "*" "" "*" "" "	
present future adverb preps conj negate quant number swear social family friend humar	າຣ
affect posemo	
1 (1)"" "" "" "" "" "" "" "" "" "" ""	
2 (1)"" "" "" "" "" "" "" "" "" "" "" ""	
3 (1)"" "" "" "" "" "" "" "" "" "" ""	
4 (1)"" "" "" "" "" "" "" "" "" "" ""	
5 (1)"" "" "" "" "" "" "" "" "" "" ""	
6 (1)"" "" "" "" "" "" "" "" "" "" "" ""	
negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl excl	
percept see hear feel	
1 (1)"" """" """ "" "" "" "" "" "" "" """"""	
2 (1)"" """" """ "" "" "" "" "" "" "" "" ""	
3 (1)"" """" """ "" "" "" "" "" "" "" "" ""	
4 (1)"" """" """ "" "" "" "" "" "" "" "" ""	
5 (1)"" """" """ "" "" "" "" "" "" "" "" ""	
6 (1)"" """" """ "" "" "" "" "" "" "" "" ""	
· ·	٠,
bio body health sexual ingest relativ motion space time work achieve leisure home mone	- y
relig death	
2 (1)	
3 (I)	
T (1)	
3 (1)	
assent nonfl filler	
1 (1)	
2 (1)"" "" ""	
3 (1)"" "" ""	
4 (1)"" "" ""	
5 (1)"" "" ""	
6 (1)"" """"	
> #for nvmax=7	

 $reg6 < -regsubsets (class \sim i + WPS + Qmarks + Unique + Dic + Sixltr + funct + pronoun + ppron + we + you + such that the pronoun + pronoun + ppronoun +$

```
hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+guan
t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog
mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=7,really.big=TRUE)
> summary(reg6)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 7, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
i
      FALSE
                FALSE
WPS
         FALSE
                   FALSE
Qmarks
          FALSE
                    FALSE
Unique
         FALSE
                   FALSE
Dic
       FALSE
                 FALSE
Sixltr
       FALSE
                 FALSE
funct
        FALSE
                 FALSE
pronoun FALSE
                    FALSE
ppron
         FALSE
                  FALSE
we
        FALSE
                 FALSE
you
        FALSE
                  FALSE
shehe
         FALSE
                  FALSE
they
        FALSE
                 FALSE
ipron
        FALSE
                  FALSE
article
        FALSE
                  FALSE
verb
        FALSE
                  FALSE
auxverb FALSE
                   FALSE
past
        FALSE
                  FALSE
present FALSE
                 FALSE
future
        FALSE
                  FALSE
adverb
        FALSE
                 FALSE
preps
         FALSE
                  FALSE
```

conj

FALSE

FALSE

negate	FALSE	FALSE	
quant	FALSE	FALSE	
number	FALSE	FALSE	
swear	FALSE	FALSE	
social	FALSE	FALSE	
family	FALSE	FALSE	
-	FALSE		
		FALSE	
	FALSE		
		FALSE	
-		FALSE	
	FALSE		
	FALSE		
-	FALSE		
		FALSE	
-	FALSE		
•	FALSE		
	FALSE		
-	FALSE		
sexual	FALSE	FALSE	
	FALSE	FALSE	
relativ			
motion	FALSE		
space	FALSE		
time	FALSE		
work	FALSE		
achieve			
leisure	FALSE		
home	FALSE		
money			
relig	FALSE		
death	FALSE	FALSE	
35461			

```
FALSE
                  FALSE
assent
        FALSE
                 FALSE
nonfl
filler
      FALSE
                FALSE
1 subsets of each size up to 7
Selection Algorithm: exhaustive
    i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article
verb auxverb past
1 (1)"""""
                   " " " "
                                      " "
2 (1)"""""
                   " " " "
3 (1)"*""""
4 (1)"""""
5 (1)"""""
6 (1)"""""
7 (1)"""""
                             " "
                                      present future adverb preps conj negate quant number swear social family friend humans
affect posemo
1 (1)""
                              "
                                " "
                                      " "
                                        " "
                                             " "
                                                 " "
                                                      " "
                                                          " "
2 (1)""
3 (1)""
4 (1)""
5 (1)""
          " "
               " "
                                             " "
6 (1)""
          " "
7 (1)""
     negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl excl
percept see hear feel
1 (1)""
                            ** **
2 (1)""
3 (1)""
4 (1)""
5 (1)""
6 (1)""
     bio body health sexual ingest relativ motion space time work achieve leisure home money
relig death
1 (1)""""""
2 (1)""""""
                        " "
3 (1)""""""
4 (1)""""""
                        " "
5 (1)""""""
                        " "
6 (1)""""""
                   " "
                        " "
7 (1)""""""
                       " "
     assent nonfl filler
1 (1)"" "" ""
```

```
2 (1)""
3 (1)""
4 (1)""
5 (1)""
6 (1)""
7 (1)""
#for nvmax=8
reg7<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s
hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+guan
t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog
mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=8,really.big=TRUE)
> summary(reg7)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 8, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
i
      FALSE
                FALSE
WPS
         FALSE
                   FALSE
Qmarks
          FALSE
                    FALSE
Unique
         FALSE
                   FALSE
Dic
        FALSE
                 FALSE
Sixltr
        FALSE
                 FALSE
funct
        FALSE
                  FALSE
pronoun
          FALSE
                    FALSE
ppron
         FALSE
                 FALSE
        FALSE
                  FALSE
we
        FALSE
                  FALSE
you
shehe
         FALSE
                 FALSE
they
        FALSE
                  FALSE
```

article verb auxverb past present future adverb preps	FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE	
negate	FALSE	FALSE	
•	FALSE		
	FALSE		
	FALSE		
	FALSE		
•	FALSE		
	FALSE		
	FALSE FALSE		
	FALSE		
-	FALSE		
_	FALSE		
	FALSE		
sad	FALSE	FALSE	
	h FALSE		
insight	FALSE	FALSE	
cause	FALSE	FALSE	
discrep	FALSE	FALSE	
tentat	FALSE	FALSE	
certain	FALSE	FALSE	
inhib	FALSE	FALSE	
incl		FALSE	
excl	FALSE		
-	FALSE	FALSE	
	FALSE		
		FALSE	
feel	FALSE	FALSE	
bio	FALSE	FALSE	
body	FALSE	FALSE	
health	FALSE FALSE		
	FALSE		
•	FALSE		
lolativ	. , , , , , ,	. /	

```
FALSE
                   FALSE
motion
         FALSE
                   FALSE
space
time
        FALSE
                  FALSE
         FALSE
                   FALSE
work
          FALSE
                    FALSE
achieve
leisure
         FALSE
                   FALSE
         FALSE
                   FALSE
home
          FALSE
                    FALSE
money
                  FALSE
relig
        FALSE
death
         FALSE
                   FALSE
         FALSE
                   FALSE
assent
        FALSE
nonfl
                  FALSE
       FALSE
                 FALSE
filler
1 subsets of each size up to 8
Selection Algorithm: exhaustive
     i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article
verb auxverb past
1 (1)"""""
                                                                      " "
2 (1)"""""
3 (1)"*""""
                                                                       ,, ,,
4 (1)"""""
                    ......
                                "
                                                                       11*11
5 (1)"""""
6 (1)"""""
7 (1)"""""
                                                                       11*11
                                                                       11*11
     present future adverb preps conj negate quant number swear social family friend humans
affect posemo
                                                                  " "
1 (1)""
           " "
                " "
                        . . . . .
                                . . . . . .
                                                " "
                                                         " "
                                                              " "
2 (1)""
3 (1)""
4 (1)""
5 (1)""
6 (1)""
           " "
                " "
                                    " "
                                                 " "
7 (1)""
                " "
                                   " "
8 (1)""
     negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl excl
percept see hear feel
1 (1)""
                              " "
                                  " "
                                       " "
2 (1)""
3 (1)""
                              " "
                                  " "
                                       " "
           " " " "
4 (1)""
5 (1)""
6 (1)""
```

```
7 (1)"" """" """ "" "" ""
                                             11 11 11 11 11 11 11 11 11 11
8 (1)"" """" """"
                           ....
                                        " "
                                             bio body health sexual ingest relativ motion space time work achieve leisure home money
relig death
1 (1)""""""
2 (1)""""""
3 (1)""""""
6 (1)""""""
7 (1)""""""
                  " "
                       ** **
assent nonfl filler
1 (1)"" "" ""
2 (1)"" "" ""
3 (1)"" "" ""
4 (1)"" "" ""
5 (1)"" "" ""
6 (1)"" "" ""
7 (1)"" "" ""
8 (1)"" "" ""
#for nvmax=9
>
reg8<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s
hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+quan
t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog
mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=9,really.big=TRUE)
> summary(reg8)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 9, really.big = TRUE)
69 Variables (and intercept)
```

Forced in Forced out i FALSE **FALSE** WPS **FALSE FALSE** Qmarks FALSE **FALSE** FALSE FALSE Unique Dic **FALSE FALSE** Sixltr FALSE **FALSE FALSE** funct **FALSE** pronoun FALSE **FALSE** ppron **FALSE FALSE FALSE** we **FALSE** FALSE you **FALSE FALSE** shehe FALSE they **FALSE FALSE** ipron **FALSE FALSE** article **FALSE FALSE** verb FALSE **FALSE** auxverb **FALSE FALSE** past **FALSE FALSE** present FALSE **FALSE** future **FALSE FALSE** adverb FALSE FALSE FALSE preps **FALSE** FALSE **FALSE** coni negate **FALSE FALSE** quant FALSE **FALSE** number FALSE **FALSE** swear **FALSE** FALSE social FALSE **FALSE FALSE** family **FALSE** friend **FALSE FALSE** humans **FALSE** FALSE affect **FALSE FALSE** posemo **FALSE FALSE** negemo FALSE **FALSE** anx FALSE **FALSE** anger **FALSE FALSE** sad FALSE **FALSE** cogmech FALSE **FALSE** insight FALSE **FALSE** cause **FALSE FALSE** FALSE **FALSE** discrep

tentat

FALSE

FALSE

```
FALSE
                 FALSE
certain
       FALSE
inhib
                 FALSE
incl
       FALSE
                FALSE
excl
       FALSE
                 FALSE
                  FALSE
percept
         FALSE
see
        FALSE
                 FALSE
        FALSE
                 FALSE
hear
       FALSE
feel
                FALSE
bio
       FALSE
                 FALSE
body
        FALSE
                 FALSE
health
        FALSE
                 FALSE
sexual
        FALSE
                  FALSE
        FALSE
                 FALSE
ingest
relativ
       FALSE
                 FALSE
motion
         FALSE
                  FALSE
space
         FALSE
                  FALSE
time
        FALSE
                 FALSE
work
        FALSE
                 FALSE
achieve
         FALSE
                  FALSE
        FALSE
                 FALSE
leisure
home
         FALSE
                  FALSE
money
         FALSE
                  FALSE
relig
       FALSE
                FALSE
                  FALSE
death
        FALSE
assent
         FALSE
                  FALSE
        FALSE
nonfl
                 FALSE
      FALSE
                FALSE
filler
1 subsets of each size up to 9
Selection Algorithm: exhaustive
    i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article
verb auxverb past
1 (1)"""""
2 (1)"""""
                                                                 .. ..
3 (1)"*""""
                                                                  .. ..
4 (1)"""""
5 (1)"""""
                                                                  11*11
6 (1)"""""
                                                                  11*1
7 (1)"""""
8 (1)"""""
                                                                  11*11
9 (1)"""""
                                                                  " "
                   11*11 11 11
                             " "
                                  " "
                                      present future adverb preps conj negate quant number swear social family friend humans
```

.

affect posemo

" "

1 (1)""

```
2 (1)""
3 (1)""
4 (1)""
5 (1)""
6 (1)""
7 (1)""
8 (1)""
                               " " " "
                                         " "
                                                 " "
                                                      " "
9 (1)""
     negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl excl
percept see hear feel
1 (1)""
                              " " " "
                                                     . . . . . . .
                                                                 . . . . . . .
2 (1)""
           . . . . . . . . . .
3 (1)""
4 (1)""
5 (1)""
           . . . . . . . . . . . . .
6 (1)""
           . . . . . . . . . .
7 (1)""
           . . . . . . . . . . . . .
8 (1)""
           . . . . . . . . . . . .
9 (1)"" """" """"
                                            " "
     bio body health sexual ingest relativ motion space time work achieve leisure home money
relig death
" "
                                       11 11 11 11 11 11
2 (1)""""""
3 (1)""""""
4 (1)""""""
5 (1)""""""
6 (1)""""""
                     " "
                          " "
7 (1)""""""
                     " "
                          " "
8 (1)"""""
9 (1)"""*" ""
     assent nonfl filler
1 (1)""
2 (1)""
3 (1)""
4 (1)""
5 (1)""
6 (1)""
7 (1)""
8 (1)""
9 (1)""
```

>

#for nvmax=10

```
reg9<-regsubsets(class~i+WPS+Qmarks+Unique+Dic+Sixltr+funct+pronoun+ppron+we+you+s
hehe+they+ipron+article+verb+auxverb+past+present+future+adverb+preps+conj+negate+quan
t+number+swear+social+family+friend+humans+affect+posemo+negemo+anx+anger+sad+cog
mech+insight+cause+discrep+tentat+certain+inhib+incl+excl+percept+see+hear+feel+bio+body
+health+sexual+ingest+relativ+motion+space+time+work+achieve+leisure+home+money+relig
+death+assent+nonfl+filler,data=data1,nbest=1,nvmax=10,really.big=TRUE)
> summary(reg9)
Subset selection object
Call: regsubsets.formula(class ~ i + WPS + Qmarks + Unique + Dic +
  Sixltr + funct + pronoun + ppron + we + you + shehe + they +
  ipron + article + verb + auxverb + past + present + future +
  adverb + preps + conj + negate + quant + number + swear +
  social + family + friend + humans + affect + posemo + negemo +
  anx + anger + sad + cogmech + insight + cause + discrep +
  tentat + certain + inhib + incl + excl + percept + see +
  hear + feel + bio + body + health + sexual + ingest + relativ +
  motion + space + time + work + achieve + leisure + home +
  money + relig + death + assent + nonfl + filler, data = data1,
  nbest = 1, nvmax = 10, really.big = TRUE)
69 Variables (and intercept)
    Forced in Forced out
      FALSE
                FALSE
WPS
         FALSE
                   FALSE
Qmarks
          FALSE
                   FALSE
Unique
         FALSE
                   FALSE
Dic
       FALSE
                 FALSE
Sixltr
       FALSE
                 FALSE
funct
        FALSE
                 FALSE
pronoun FALSE
                   FALSE
ppron
         FALSE
                  FALSE
we
        FALSE
                 FALSE
you
        FALSE
                 FALSE
        FALSE
shehe
                 FALSE
they
        FALSE
                 FALSE
ipron
        FALSE
                  FALSE
article
        FALSE
                  FALSE
verb
        FALSE
                  FALSE
auxverb
        FALSE
                  FALSE
past
        FALSE
                 FALSE
present FALSE
                 FALSE
future
        FALSE
                  FALSE
adverb
        FALSE
                  FALSE
preps
         FALSE
                  FALSE
```

FALSE FALSE conj **FALSE FALSE** negate **FALSE** quant **FALSE** number **FALSE FALSE FALSE FALSE** swear social FALSE **FALSE** family FALSE **FALSE** friend **FALSE FALSE** humans **FALSE FALSE** affect **FALSE FALSE** posemo **FALSE FALSE FALSE FALSE** negemo **FALSE** anx **FALSE** anger **FALSE FALSE** sad **FALSE FALSE** cogmech FALSE **FALSE** insight **FALSE FALSE** cause **FALSE FALSE** discrep **FALSE FALSE** FALSE **FALSE** tentat certain **FALSE FALSE FALSE** inhib **FALSE FALSE FALSE** incl **FALSE FALSE** excl percept **FALSE FALSE** FALSE see **FALSE** FALSE **FALSE** hear feel **FALSE FALSE** bio **FALSE FALSE** body FALSE **FALSE FALSE** health **FALSE** sexual **FALSE FALSE** ingest **FALSE FALSE** relativ **FALSE FALSE FALSE** motion FALSE space **FALSE FALSE** time **FALSE FALSE FALSE** work **FALSE** achieve **FALSE FALSE** leisure **FALSE FALSE** home **FALSE FALSE FALSE FALSE** money relig **FALSE FALSE**

```
FALSE
                  FALSE
death
         FALSE FALSE
assent
nonfl
        FALSE
                 FALSE
filler
       FALSE
                FALSE
1 subsets of each size up to 10
Selection Algorithm: exhaustive
     i WPS Qmarks Unique Dic Sixltr funct pronoun ppron we you shehe they ipron article
verb auxverb
1 (1) """"" "" """" """
2 (1) """"""
3 (1) "*""""
4 (1) """""
5 (1) """""
6 (1) """""
                    . . . . . .
7 (1) """""
                    . . . . . .
8 (1) """""
9 (1) """""
10 (1)"""""
                           " "
                              " "
                                       11*11 11 11
     past present future adverb preps conj negate quant number swear social family friend
humans affect
1 (1) "" ""
              " " " "
                       . . . . . .
                                         " "
                                                      " "
                                                          ** **
2 (1) "" ""
3 (1) "" ""
4 (1) "*" ""
                   " "
5 (1) "*" ""
6 (1) "*" ""
7 (1) "*" ""
                   " "
                                  8 (1) "*" ""
9 (1) "" ""
10 (1)""""
                                  . . . . . . . . .
                                          11 11 11 *11
     posemo negemo anx anger sad cogmech insight cause discrep tentat certain inhib incl
excl percept see
1 (1) ""
               . . . . . .
                                          " "
                                              " "
                                                   .. .. .. ..
                            " "
                                 " "
2 (1) "" ""
3 (1) "" ""
4 (1) "" ""
5 (1) ""
6 (1) ""
7 (1) ""
                            " "
                                     " "
                                              " "
8 (1) ""
                            " "
                                     ** **
                                              " "
9 (1) "" ""
                             " "
                                  . . . . .
10 (1)"" ""
```

hear feel bio body health sexual ingest relativ motion space time work achieve leisure

```
home money
1 (1) "" "" "" "" "" ""
                             " "
                                                 . . . . .
2 (1) "" "" "" "" "" ""
                                             " "
                                                 . . . . .
                         " "
                                ... ... .....
3 (1) "" "" "" "" "" ""
                                4 (1) "" "" "" "" ""
                         " "
                                                 " " " "
                                . . . . . . . . .
                                             "*"
5 (1) "" "" "" "" ""
                                                 . . . . .
                         " "
                                             11*11
                                 ... ... ...
6 (1) "" "" "" "" ""
                                                 " " " "
                                . . . . . . . . .
7 (1) "" "" "" "" "" ""
                         " "
                                                 " " " "
                                . . . . . . . . .
                                             11*11
8 (1) "" "" "" "" "" ""
                         " "
                             " "
                                11*11
                                                 " " " "
9 (1) "" "" "" "" "" "" "" ""
                             11*11 11 11
"*" " "
    relig death assent nonfl filler
1 (1) "" "" "" ""
```

- 2 (1) "" "" "" ""
- 3 (1) "" "" "" ""
- 4 (1) "" "" "" ""
- 5 (1) "" "" "" ""
- 6 (1) "*" "" "" ""
- 7 (1) "*" "" "" ""
- 8 (1) "*" "" "" ""
- 9 (1) "" "" "" ""
- 10 (1)"" "" "" ""