

Results of LDA Gibbs Sampling

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LDA Update Equations

$$\begin{aligned} P(z_i = j | \mathbf{z}_{-i}, \mathbf{w}) &\propto P(w_i | z_i = j, \mathbf{z}_{-i}, \mathbf{w}_{-i}) P(z_i = j | \mathbf{z}_{-i}) \\ &= \frac{n_{-i,j}^{(w_i)} + \beta}{n_{-i,j}^{(\cdot)} + W\beta} \frac{n_{-i,j} + \alpha}{n_{-i,(\cdot)} + K\alpha} \end{aligned} \quad (11)$$

$$= \frac{n_{-i,j}^{(t)} + \beta}{n_{-i,j}^{(\cdot)} + W\beta} \frac{n_{-i,j}^{d_i} + \alpha}{n_{-i,\cdot}^{d_i} + K\alpha} \quad [t = w_i, t \in \{1, \dots, W\}] \quad (12)$$

$$= \frac{n_{-i,j}^{(t)} + \beta_t}{\sum_{t=1}^W n_{-i,j}^{(t)} + \beta_t} \frac{n_{-i,j}^{d_i} + \alpha}{\sum_{k=1}^K n_{-i,k}^{d_i} + \alpha_k} \quad [\text{Considering asymmetric parameter for Dir}] \quad (13)$$
$$(14)$$

$n_{-i,j}^{(\cdot)}$ is total number of words assigned to topic j not including current one (i^{th} word).

$n_{-i,j}^{(w_i)}$ is the number of instances of word w_i assigned to topic j

β is the hyperparameter that determines Φ

α is the hyperparameter that determine Θ

Sum in the denominator is taken as we need to consider all parameter and the numerator gives the weight of current word to be in the given topic (in first term) and in second term gives the probability of prior (given our experience).

CODE FOR GIBBS SAMPLER

```

/**
 * This demonstrates the nature of Gibbs sampling, namely some pop and push action on a stack (of counting variables).
 *
 * @class_param z[][]
 *   id of topic for document index "m" and word index "n", called the "topic assignment" variable
 * @class_param nw[][]
 *   frequency of word "w" in topic "topic"
 * @class_param nd[][]
 *   frequency of document "m" in topic "topic"
 * @class_param nwsum[]
 *   total number of words in topic "topic"
 * @class_param V
 *   total number of unique words in all topics, called "vocabulary"
 * @class_param K
 *   total number of topics
 *
 * We sample a topic z_i from the full conditional probability distribution:
 * 
$$p(z_i=j \mid z_{\setminus i}, w) = \frac{(n_{\setminus i, j}(w_i) + \beta) / (n_{\setminus i, j}(\cdot) + V * \beta) * (n_{\setminus i, j}(d_i) + \alpha) / (n_{\setminus i, j}(\cdot)(d_i) + K * \alpha)}{}$$

 * Here z_{\setminus i} indicates all z except for z_i.
 *
 * @param m
 *   document, index of the document to sample
 * @param n
 *   word, index of the word to sample (does not need to occur in the document)
 */

```

```

int model::sampling(int m, int n) {
    // remove z_i from the count variables
    int topic = z[m][n];
    int w = ptrndata->docs[m]->words[n];
    nw[w][topic] -= 1;
    nd[m][topic] -= 1;
    nwsum[topic] -= 1;
    ndsum[m] -= 1;

    double Vbeta = V * beta;
    double Kalpha = K * alpha;
    // do multinomial sampling via cumulative method
    for (int k = 0; k < K; k++) {
        p[k] = (nw[w][k] + beta) / (nwsum[k] + Vbeta) *
            (nd[m][k] + alpha) / (ndsum[m] + Kalpha);
    }
    // cumulate multinomial parameters, sum will be in p[K-1]
    for (int k = 1; k < K; k++) {
        p[k] += p[k - 1];
    }
    // scaled sample because of unnormalized p[]
    double u = ((double)random() / RAND_MAX) * p[K - 1];
}

```

```

    // get topic with probability beyond u
    for (topic = 0; topic < K; topic++) {
        if (p[topic] > u) {
            break;
        }
    }

    // add newly estimated z_i to count variables
    nw[w][topic] += 1;
    nd[m][topic] += 1;
    nwsum[topic] += 1;
    ndsum[m] += 1;

    return topic;
}

```

Here we can see the usage of LDA update equation (multinomial sampling via cumulative method)

CODE FOR FORMATTING DATA

```

import re
from collections import Counter

def get_docs(filepath):
    files = []
    with open(filepath, "r") as f:
        docs = re.split("<TEXT>", f.read())
    for i in docs:
        s = i.split("</TEXT>")
        for j in s:
            if "</DOC>" in j or "<DOCNO>" in j:
                continue
            files.append(j)
    return files

def create_file(files):
    words = []
    with open("formatted.txt", "w") as o:
        count = len(files)
        o.write(str(count))
        for f in files:
            words = (re.sub(r'^\w', ' ', f).split())
            english_words = map(lambda x: x.lower(), words)
            regex = re.compile(r'\d+(\.\d*)?')
            english_words = filter(lambda i: (not regex.search(i) or i != '.'), english_words)
            eg = Counter(english_words)

```

```
words_sort = sorted(eg.keys())
o.write("\n")
for e in words_sort:
    if len(e) < 3:
        continue
    o.write(e + " ")

a = get_docs("ap.txt")
create_file(a)
```

Result of test data

we are getting similar 10 words which are of same topics. The LDA gibbs sampling works. Increasing number of topics slows down the code but gives results are not good as before. So the data is constant but number of topics are increasing. Therefore as the number of topics increases we could expect the result to be little bad as everything else is same. This could be because the concentration of words to different topics decreases.

Results for number of topics = 20 , 50, 100

```
1 Topic 0th:
2   latino    0.005152
3   black     0.003680
4   promotion 0.002392
5   counselor 0.002392
6   affirm    0.002208
7   action    0.002208
8   district  0.002024
9   associ    0.001656
10  school    0.001656
11  branch    0.001472
12 Topic 1th:
13  baker     0.001287
14  photo     0.001103
15  driver    0.001103
16  guard     0.001103
17  run       0.001103
18  candid    0.001103
19  primari   0.001103
20  poll      0.001103
21  guilti    0.000919
22  illeg     0.000919
23 Topic 2th:
24  six       0.000991
25  determin  0.000793
26  symphoni  0.000793
27  widow     0.000793
28  displai   0.000595
29  classroom 0.000595
30  brief     0.000595|
31  wartim    0.000595
32  persian   0.000595
33  ariz      0.000595
34 Topic 3th:
35  fullerton 0.000797
36  us        0.000598
```

```
1 Topic 0th:
2   offer    0.001012
3   announc  0.000607
4   total    0.000607
5   soup     0.000405
6   madelein 0.000405
7   imposs   0.000405
8   dip      0.000405
9   cuisin   0.000405
10  slain    0.000405
11  shiite    0.000405
12 Topic 1th:
13  neck      0.000605
14  re        0.000605
15  southern  0.000605
16  persona;  0.000605
17  couple    0.000605
18  attempt   0.000403
19  technologi 0.000403
20  mahogani  0.000403
21  shultz    0.000403
22  cease     0.000403
23 Topic 2th:
24  class     0.000802
25  strai     0.000601
26  tie       0.000601
27  paramed   0.000601
28  congress  0.000601
29  vot       0.000601
30  san       0.000601
31  indee     0.000601
32  dishe     0.000601
33  washington 0.000601
34 Topic 3th:
35  clos      0.000602
36  innoc     0.000602
```

```

11      citi    0.005453
12 Topic 1th:
13      monkei  0.000611
14      river   0.000611
15      plu     0.000611
16      homemad 0.000407
17      gilbert 0.000407
18      session 0.000407
19      rail    0.000407
20      central 0.000407
21      lyon    0.000407
22      fame    0.000407
23 Topic 2th:
24      enjoi   0.000611
25      trade   0.000611
26      length  0.000611
27      plc     0.000407
28      concord 0.000407
29      worse   0.000407
30      outlet  0.000407
31      undersecretari 0.000407
32      carter   0.000407
33      apprehens 0.000407
34 Topic 3th:
35      bundi   0.001418
36      play    0.000608
37      raid    0.000608
38      rose    0.000608
39      uc      0.000608
40      class   0.000608
41      clam    0.000405
42      consult 0.000405
43      freij   0.000405
44      trespass 0.000405
45 Topic 4th:
46      troop   0.000609

```

Default results of Test data

Topic 0th:

```

compani 0.033793
million 0.029868
bank    0.021499
amp     0.019536
corp    0.015610
sale    0.014164
busi    0.014164
firm    0.013131
co      0.013131
inc     0.012098
industri 0.010755
presid  0.009618
oper    0.009618
loan    0.009515

```

secur 0.009412
sell 0.008998
invest 0.008792
bas 0.008275
financi 0.008275
earn 0.007862
manag 0.007759
feder 0.006932
execut 0.006829
bui 0.006622
acquisit 0.006519
corpor 0.006416
york 0.006002
sav 0.005899
subject 0.005796
offer 0.005796
vice 0.005693
share 0.005589
monei 0.005589
american 0.005486
chairman 0.005383
length 0.005279
billion 0.005279
pacif 0.005176
purchas 0.005073
market 0.004969
nation 0.004969
account 0.004866
profit 0.004763
plan 0.004659
announc 0.004659
own 0.004556
system 0.004556
sold 0.004453
acquir 0.004453
loss 0.004349

Topic 1th:

children 0.028002
women 0.026341
child 0.021909
program 0.018862
mother 0.018862
birth 0.014708
abort 0.013877
famili 0.012769
parent 0.012492
care 0.011661
drug 0.010553

clinic 0.010276
studi 0.008060
commun 0.007783
age 0.007783
control 0.007506
differ 0.006398
adult 0.006398
connor 0.005844
father 0.005844
babi 0.005567
visit 0.005290
teen 0.005013
prevent 0.005013
deliveri 0.004736
rate 0.004459
contracept 0.004459
plan 0.004182
research 0.003628
support 0.003351
coordin 0.003351
address 0.003351
deliv 0.003351
health 0.003351
religi 0.003074
ager 0.003074
train 0.003074
violenc 0.003074
red 0.003074
method 0.002797
major 0.002797
infant 0.002520
alcohol 0.002520
dr 0.002520
survei 0.002520
past 0.002520
adolesc 0.002520
observ 0.002520
local 0.002520
scot 0.002520

Topic 2th:

miami 0.035397
super 0.025241
bowl 0.022608
montoya 0.013580
munoz 0.011323
committe 0.009066
mexican 0.006432
nfl 0.006432

hotel 0.006432
owner 0.006056
florida 0.006056
robbie 0.004928
refuge 0.004552
little 0.004175
citi 0.004175
mile 0.003799
organ 0.003423
course 0.003423
stadium 0.003047
vip 0.003047
host 0.003047
local 0.003047
football 0.003047
parti 0.003047
immigr 0.003047
subject 0.003047
visitor 0.002671
anthoni 0.002671
riot 0.002671
mark 0.002671
restaur 0.002671
nicaraguan 0.002671
table 0.002295
project 0.002295
ticket 0.002295
dade 0.002295
concern 0.002295
club 0.002295
dolphin 0.002295
patti 0.001918
privat 0.001918
arriv 0.001918
happi 0.001918
pete 0.001918
joe 0.001918
guard 0.001918
offens 0.001918
sight 0.001918
mov 0.001918
max 0.001918

Topic 3th:

polic 0.058306
offic 0.027720
arrest 0.020410
kill 0.015601
found 0.012138

attack 0.011177
victim 0.009638
depart 0.009445
shot 0.009253
car 0.009060
jail 0.008676
jackson 0.008291
sherif 0.008099
bodi 0.007522
suspect 0.007522
fridai 0.007329
investig 0.007329
counti 0.007137
author 0.006752
robber 0.006560
death 0.006367
shoot 0.006367
identifi 0.005983
guard 0.005983
gang 0.005790
subject 0.005790
carri 0.005598
woman 0.005598
incid 0.005598
hand 0.005406
wound 0.005213
search 0.005021
call 0.005021
charge 0.004636
home 0.004636
believ 0.004444
night 0.004251
deputi 0.004251
releas 0.004251
murder 0.003867
fir 0.003867
cocain 0.003674
teen 0.003674
length 0.003674
boi 0.003674
staf 0.003482
condition 0.003482
sundai 0.003482
head 0.003482
sgt 0.003289

Topic 4th:

charge 0.021264
fraud 0.014183

indict 0.013298
investig 0.013298
count 0.011528
contract 0.010422
juri 0.009094
grand 0.008873
former 0.008430
offici 0.008209
district 0.007988
compani 0.007988
guilti 0.007988
feder 0.007103
alleg 0.007103
govern 0.007103
charg 0.007103
attorney 0.006881
teledyn 0.006881
berlin 0.006439
month 0.006439
parkin 0.006218
lackner 0.006218
plead 0.006218
navi 0.005996
consult 0.005775
employe 0.005111
plea 0.005111
offic 0.005111
conspiraci 0.005111
defens 0.004890
paid 0.004890
allegedli 0.004669
hazeltin 0.004669
docum 0.004669
fine 0.004669
contractor 0.004226
feloni 0.004226
inform 0.004226
crimin 0.004005
electron 0.004005
thursdai 0.004005
illeg 0.003784
accus 0.003784
evid 0.003784
prosecutor 0.003784
pai 0.003562
agree 0.003562
million 0.003562
fridai 0.003562

Topic 5th:

oklahoma 0.026178
ncaa 0.018068
univers 0.010859
athlet 0.009958
barri 0.008606
violat 0.007705
penalti 0.007254
dyke 0.006353
death 0.006353
probat 0.005902
clemson 0.005452
zzzz 0.005452
bowl 0.005001
elig 0.005001
investig 0.005001
recruit 0.005001
inform 0.004551
provid 0.004551
cowboi 0.004551
switzer 0.004551
sanction 0.004100
roddi 0.004100
football 0.003650
natur 0.003650
happen 0.003650
immun 0.003650
includ 0.003199
cheate 0.003199
final 0.002748
payment 0.002748
scholarship 0.002748
ford 0.002748
cooper 0.002748
coache 0.002748
believ 0.002748
governor 0.002748
remain 0.002748
rel 0.002298
appar 0.002298
car 0.002298
left 0.002298
travel 0.002298
oper 0.002298
lead 0.002298
restor 0.002298
sever 0.002298
signal 0.002298

booster 0.002298
collegi 0.002298
prospect 0.002298

Topic 6th:

sikh 0.005839
india 0.005198
house 0.003273
low 0.003273
trophi 0.003273
hang 0.003273
couple 0.002631
coast 0.002631
upi 0.002631
fare 0.002631
gandhi 0.001989
singh 0.001989
kill 0.001989
farmer 0.001989
fall 0.001989
championship 0.001989
demand 0.001989
regard 0.001989
widespread 0.001989
spin 0.001348
terribl 0.001348
prayer 0.001348
mid 0.001348
titl 0.001348
overcom 0.001348
consumpt 0.001348
viejo 0.001348
cost 0.001348
assassin 0.001348
expans 0.001348
origin 0.001348
nativ 0.001348
requir 0.001348
nuclear 0.001348
suspend 0.001348
phil 0.001348
concern 0.001348
cultur 0.001348
book 0.001348
beverli 0.001348
hardi 0.001348
pro 0.001348
sale 0.001348
scope 0.001348

specialti 0.001348
third 0.001348
outsid 0.001348
mark 0.001348
delight 0.001348
thoma 0.001348

Topic 7th:

bundi 0.023705
check 0.013380
florida 0.011659
smog 0.011229
execut 0.009938
car 0.009078
oper 0.008647
bureau 0.005206
killer 0.005206
issu 0.005206
certif 0.004775
fine 0.004775
repair 0.004775
inspect 0.004345
station 0.004345
owner 0.004345
shop 0.004345
undercov 0.004345
ted 0.004345
inspector 0.004345
california 0.004345
citat 0.003915
hour 0.003915
fla 0.003485
sacramento 0.003485
vehicl 0.003485
dead 0.003055
death 0.003055
washington 0.002624
burn 0.002624
properli 0.002624
achiev 0.002624
test 0.002624
emiss 0.002624
martinez 0.002624
crowd 0.002194
jim 0.002194
boi 0.002194
pollution 0.002194
chair 0.002194
bring 0.002194

run 0.002194
visit 0.002194
holidai 0.001764
sign 0.001764
wash 0.001764
blue 0.001764
automot 0.001764
associ 0.001764
sight 0.001764

Topic 8th:

round 0.024317
tournam 0.024317
hole 0.017029
shot 0.014600
tour 0.013871
plai 0.013385
par 0.012171
golf 0.011442
win 0.010956
put 0.010470
course 0.010227
leader 0.009742
finish 0.007555
pate 0.007555
won 0.007312
dai 0.007069
jone 0.006826
lead 0.006583
chip 0.006340
fridai 0.005612
player 0.005369
stroke 0.005369
kite 0.005126
datelin 0.005126
barber 0.005126
green 0.004883
thursdai 0.004883
winner 0.004640
pro 0.004640
sundai 0.004640
steve 0.004397
playof 0.004397
yard 0.004154
champion 0.004154
pga 0.004154
la 0.003911
hit 0.003911
bogei 0.003911

monei 0.003911
birdi 0.003668
douglass 0.003668
foot 0.003668
ball 0.003668
birdie 0.003668
costa 0.003668
wadkin 0.003425
beach 0.003425
bob 0.003425
crenshaw 0.003182
david 0.003182

Topic 9th:

vietnam 0.013895
cambodia 0.012298
china 0.012298
vietnames 0.012298
relat 0.009103
resist 0.008571
aid 0.008039
cambodian 0.007506
foreign 0.007506
minist 0.006442
talk 0.005909
faction 0.005377
war 0.004312
militari 0.004312
thailand 0.004312
intern 0.004312
prince 0.003780
chines 0.003780
head 0.003780
khmer 0.003780
beij 0.003780
rouge 0.003780
li 0.003247
countri 0.003247
sponsor 0.003247
troop 0.003247
force 0.003247
parti 0.002715
confer 0.002715
jerri 0.002715
hanoi 0.002715
power 0.002715
sihanouk 0.002715
septemb 0.002715
norodom 0.002715

settle 0.002183
statu 0.002183
mid 0.002183
withdraw 0.002183
bangkok 0.002183
evan 0.002183
backer 0.002183
conflict 0.002183
action 0.002183
chile 0.002183
topic 0.001650
cutoff 0.001650
lift 0.001650
shed 0.001650
turmoil 0.001650

Topic 10th:

mcknight 0.021226
olymp 0.016550
record 0.011563
won 0.010940
women 0.010317
win 0.009693
evan 0.009070
sport 0.009070
world 0.009070
medal 0.008758
meet 0.008758
meter 0.008758
gold 0.008447
athlet 0.007823
track 0.007823
dei 0.007512
mater 0.007200
ashford 0.006888
janet 0.006576
steroid 0.006265
championship 0.005953
american 0.005953
single 0.005641
field 0.005641
barne 0.005330
event 0.005018
jump 0.005018
evelyn 0.004706
run 0.004706
pound 0.004083
indoor 0.004083
title 0.004083

randi 0.003771
seoul 0.003771
invit 0.003771
varsiti 0.003771
feet 0.003771
compet 0.003460
placentia 0.003460
throw 0.003460
mark 0.003460
foster 0.003460
runner 0.003460
straight 0.003148
age 0.003148
champion 0.003148
resign 0.003148
finish 0.003148
ran 0.002836
medalist 0.002836

Topic 11th:

campaign 0.028669
run 0.015860
candid 0.012093
mayor 0.011340
oscar 0.010963
academi 0.010963
elect 0.008703
offic 0.008326
race 0.007949
jackson 0.007949
yaroslavski 0.007572
council 0.006819
polit 0.006442
contribut 0.006442
citi 0.006442
paper 0.006065
advertis 0.005689
nomin 0.005689
help 0.005689
councilman 0.005689
light 0.005312
voter 0.005312
releas 0.004935
lake 0.004935
limit 0.004935
strategi 0.004558
studio 0.004558
illeg 0.004182
district 0.004182

crimin 0.003805
monei 0.003805
statut 0.003428
gift 0.003428
science 0.003428
russell 0.003428
audit 0.003052
prosecut 0.003052
auction 0.003052
ad 0.002675
reelect 0.002675
season 0.002675
hollywood 0.002675
seate 0.002675
market 0.002675
olmo 0.002675
galant 0.002675
martinez 0.002675
mcgrath 0.002298
door 0.002298
award 0.002298

Topic 12th:

homeless 0.035866
force 0.019219
people 0.017706
park 0.011653
task 0.008626
monica 0.006104
street 0.006104
dec 0.006104
kahn 0.006104
shelter 0.005599
stand 0.004590
chavez 0.004590
effort 0.004086
businessmen 0.004086
hous 0.003582
sleep 0.003582
palisad 0.003582
commit 0.003582
monei 0.003077
trash 0.003077
pick 0.003077
estim 0.002573
organ 0.002573
transient 0.002573
gather 0.002573
sheridan 0.002068

citi 0.002068
third 0.002068
nonprofit 0.002068
meanwhil 0.002068
encourag 0.002068
sponsor 0.002068
rubbish 0.002068
format 0.002068
overse 0.002068
variou 0.002068
lenient 0.001564
pa 0.001564
picnic 0.001564
contract 0.001564
constitut 0.001564
skeptic 0.001564
handout 0.001564
drop 0.001564
combin 0.001564
overlook 0.001564
bridge 0.001564
repres 0.001564
plastic 0.001564
cloth 0.001564

Topic 13th:

scor 0.035272
league 0.027237
lead 0.021169
quarter 0.015266
vallei 0.011659
rebound 0.011331
orang 0.010839
goal 0.009527
christian 0.009035
game 0.009035
la 0.008543
hill 0.008379
garden 0.008215
grove 0.008215
host 0.008051
visit 0.007559
view 0.007559
basketbal 0.006575
half 0.006412
plai 0.006412
ad 0.006084
kennedi 0.006084
quinta 0.005756

boi 0.005592
led 0.005592
savanna 0.005428
saddleback 0.005428
minut 0.005264
mike 0.005100
victori 0.005100
school 0.005100
beach 0.005100
length 0.004936
lo 0.004936
mesa 0.004772
save 0.004772
girl 0.004608
mater 0.004608
fourth 0.004608
rancho 0.004608
forward 0.004444
santa 0.004444
tustin 0.004444
dei 0.004280
ocean 0.004280
el 0.004280
santiago 0.004116
swanwick 0.004116
guard 0.004116
laguna 0.004116

Topic 14th:

anti 0.009317
byrd 0.009317
rei 0.008772
incid 0.007137
activ 0.007137
hous 0.007137
commiss 0.006593
tenant 0.006048
drug 0.005503
sign 0.004958
dealer 0.004958
vandal 0.004413
lehrer 0.004413
act 0.004413
categori 0.003868
california 0.003868
retali 0.003324
bomb 0.003324
increas 0.003324
secur 0.003324

league 0.003324
complex 0.002779
harass 0.002779
sent 0.002779
threate 0.002779
properti 0.002779
safeti 0.002234
brief 0.002234
univers 0.002234
nazi 0.002234
apart 0.002234
fear 0.002234
dec 0.002234
reiner 0.002234
overall 0.002234
donna 0.002234
synagogu 0.002234
lease 0.002234
skinhead 0.002234
vigor 0.001689
arson 0.001689
garcia 0.001689
explosion 0.001689
weeklong 0.001689
vocalist 0.001689
five 0.001689
telephon 0.001689
pipe 0.001689
feb 0.001689
hurt 0.001689

Topic 15th:

william 0.026786
meet 0.016549
brought 0.006313
holidai 0.006313
sponsor 0.006313
outsid 0.005175
urban 0.004606
afternoon 0.004606
jack 0.003469
reggie 0.003469
posit 0.002900
shield 0.002900
lehman 0.002900
shamrock 0.002900
will 0.002900
davi 0.002332
polaroid 0.002332

nine 0.002332
suppos 0.002332
perez 0.002332
clark 0.002332
mercuri 0.002332
aspect 0.001763
sponsorship 0.001763
role 0.001763
foster 0.001763
histori 0.001763
princip 0.001763
contain 0.001763
league 0.001763
buri 0.001763
shouldn 0.001763
maria 0.001763
hutton 0.001763
fellow 0.001763
kemp 0.001763
trial 0.001763
signal 0.001763
lawrenc 0.001763
toughest 0.001763
agenda 0.001763
ideologi 0.001194
avoid 0.001194
galleri 0.001194
councilman 0.001194
promin 0.001194
chariti 0.001194
hide 0.001194
bless 0.001194
appoint 0.001194

Topic 16th:

station 0.030302
contest 0.016911
radio 0.009968
listen 0.009472
prize 0.007489
ga 0.006001
fm 0.005505
competit 0.005009
promotion 0.004513
foot 0.004017
fill 0.004017
jen 0.003521
island 0.003521
win 0.003521

roll 0.003025
denver 0.003025
cash 0.003025
unoc 0.003025
doug 0.003025
thompson 0.002529
change 0.002529
director 0.002529
exud 0.002529
pool 0.002529
balboa 0.002529
award 0.002033
billion 0.002033
war 0.002033
barbecu 0.002033
outsid 0.002033
male 0.002033
tom 0.002033
condemn 0.002033
reviv 0.002033
prefer 0.002033
spent 0.002033
marriot 0.001537
sauce 0.001537
cream 0.001537
corp 0.001537
swallow 0.001537
feder 0.001537
drop 0.001537
gari 0.001537
door 0.001537
blow 0.001537
gallon 0.001537
sweep 0.001537
howard 0.001537
eate 0.001537

Topic 17th:

exercis 0.011889
honor 0.011012
fonda 0.010134
tape 0.009696
video 0.009696
secur 0.009696
enemi 0.007941
intens 0.007502
medal 0.007502
cia 0.006625
homosexu 0.006625

home 0.006186
jane 0.006186
clearanc 0.005747
grenad 0.005747
aerob 0.005747
servic 0.005308
fire 0.005308
low 0.004870
risk 0.003992
top 0.003992
wound 0.003992
dub 0.003554
soldier 0.003554
smith 0.003115
list 0.003115
rocket 0.003115
holder 0.003115
gai 0.003115
advanc 0.003115
armi 0.002676
safe 0.002676
direct 0.002676
jr 0.002676
workout 0.002676
davidson 0.002676
jacob 0.002676
recipi 0.002237
inaugur 0.002237
distinguish 0.002237
beyond 0.002237
duti 0.002237
numer 0.002237
market 0.002237
develop 0.002237
lower 0.002237
award 0.002237
decor 0.002237
muscle 0.002237
blanket 0.002237

Topic 18th:

chairman 0.009599
retir 0.007354
public 0.006792
veteran 0.006231
human 0.005670
review 0.005108
relat 0.005108
servic 0.005108

util 0.004547
budget 0.004547
affair 0.003986
government 0.003986
claim 0.003986
corpor 0.003986
resourc 0.003986
educ 0.003986
agricultur 0.003424
insur 0.003424
energi 0.003424
organ 0.003424
fiscal 0.003424
appropri 0.003424
judiciari 0.002863
bank 0.002863
local 0.002863
transport 0.002863
safeti 0.002863
commerc 0.002863
health 0.002863
senat 0.002863
committe 0.002302
employ 0.002302
assign 0.002302
govern 0.002302
wildlif 0.002302
industri 0.002302
alan 0.002302
manag 0.002302
method 0.002302
repeat 0.001740
hart 0.001740
roberti 0.001740
position 0.001740
toxic 0.001740
newton 0.001740
visibl 0.001740
glendal 0.001740
torre 0.001740
watson 0.001740
green 0.001740

Topic 19th:

polit 0.014218
leader 0.011736
china 0.010672
tibet 0.010672
demonstr 0.010672

tibetan 0.009963
religi 0.009963
protest 0.009609
march 0.009254
anti 0.008190
chines 0.007836
fang 0.007481
opposit 0.007481
independ 0.007127
thursdai 0.006418
freedom 0.006063
releas 0.005708
monk 0.005354
monasteri 0.005354
sandinista 0.005354
prison 0.004999
sundai 0.004999
pro 0.004645
late 0.004290
visit 0.004290
dissid 0.003936
revolut 0.003936
parti 0.003936
restrict 0.003581
anniversari 0.003581
nicaragua 0.003581
new 0.003581
activist 0.003226
temple 0.003226
communist 0.003226
speak 0.003226
lhasa 0.003226
foreign 0.002872
crowd 0.002872
di 0.002872
western 0.002872
death 0.002872
carri 0.002872
graphic 0.002872
beij 0.002517
occasion 0.002517
imprison 0.002517
exil 0.002517
democraci 0.002517
people 0.002517

Topic 20th:

budget 0.025921
million 0.024119

program 0.024119
fund 0.023219
tax 0.020967
cut 0.019615
california 0.015562
deukmejian 0.014436
propos 0.013535
increas 0.013084
spend 0.011958
plan 0.011958
monei 0.011508
billion 0.011058
cost 0.011058
governor 0.009706
health 0.008806
council 0.008806
receiv 0.008355
school 0.007004
servic 0.007004
financ 0.006328
taxe 0.006103
care 0.006103
project 0.006103
feder 0.005878
fiscal 0.005878
proposit 0.005878
fee 0.005653
welfar 0.005653
reduct 0.005427
deficit 0.005427
revenu 0.005202
provid 0.004977
current 0.004752
famili 0.004752
expect 0.004527
legislatur 0.004076
director 0.004076
subject 0.004076
indig 0.003851
elimin 0.003851
requir 0.003851
initi 0.003626
incom 0.003626
raise 0.003401
support 0.003401
includ 0.003175
crisi 0.003175
offic 0.003175

Topic 21th:

wilson 0.040508
age 0.012188
corpor 0.010165
compani 0.009659
monarch 0.006625
discrimin 0.006119
vice 0.005613
warehous 0.005613
presid 0.005613
bruno 0.004602
dick 0.004602
damag 0.003591
william 0.003085
houston 0.003085
duti 0.003085
expens 0.003085
supervisor 0.003085
termin 0.003085
quit 0.003085
paper 0.003085
physic 0.002579
boss 0.002579
introduc 0.002579
throughout 0.002579
hot 0.002579
fix 0.002579
demean 0.002073
uc 0.002073
america 0.002073
bother 0.002073
employ 0.002073
award 0.002073
version 0.002073
wall 0.002073
event 0.002073
worker 0.002073
half 0.002073
polici 0.002073
bradlei 0.002073
equal 0.002073
advanc 0.001568
shakespear 0.001568
punit 0.001568
obituari 0.001568
formal 0.001568
equat 0.001568
keep 0.001568

dollar 0.001568
guilti 0.001568
hang 0.001568

Topic 22th:

disk 0.024202
program 0.014730
drive 0.013782
test 0.013309
comput 0.012835
hard 0.011414
data 0.010467
advanc 0.006678
file 0.006204
reform 0.005731
pc 0.004310
bad 0.004310
move 0.004310
technician 0.004310
perform 0.004310
stor 0.004310
hour 0.003836
failur 0.003836
change 0.003836
featur 0.003836
histori 0.003836
instanc 0.003363
plac 0.003363
richard 0.003363
run 0.003363
prevent 0.003363
portion 0.003363
minut 0.002889
track 0.002889
publish 0.002889
weak 0.002889
compat 0.002889
locat 0.002415
phone 0.002415
fail 0.002415
spe 0.002415
balanc 0.002415
magnet 0.002415
recommend 0.002415
mark 0.001942
vital 0.001942
type 0.001942
install 0.001942
bylin 0.001942

reilli 0.001942
none 0.001942
take 0.001942
crash 0.001942
suggest 0.001942
technic 0.001942

Topic 23th:

water 0.045285
test 0.024121
ramona 0.010984
level 0.009159
ground 0.008794
drink 0.007700
home 0.007335
street 0.006605
epa 0.006240
public 0.006240
studi 0.005510
qualiti 0.005510
consum 0.005510
close 0.005145
board 0.005145
oil 0.005145
drill 0.005145
suppli 0.004780
check 0.004780
fail 0.004780
plume 0.004415
limit 0.004415
pollution 0.004415
effect 0.004415
citizen 0.004051
wildlif 0.004051
presenc 0.003686
ago 0.003686
concern 0.003686
redevelop 0.003321
dairi 0.003321
owner 0.002956
read 0.002956
debat 0.002956
avenu 0.002956
region 0.002956
privat 0.002591
clean 0.002591
air 0.002591
find 0.002591
river 0.002226

concentr 0.002226
accur 0.002226
fine 0.002226
reli 0.002226
refug 0.002226
properti 0.002226
harm 0.002226
apart 0.002226
august 0.002226

Topic 24th:

insur 0.060477
claim 0.026680
rate 0.021185
california 0.019811
increas 0.012942
injuri 0.011018
compani 0.009919
proposit 0.009919
medic 0.009095
agent 0.009095
auto 0.008545
accid 0.007721
bill 0.006622
doctor 0.006072
pai 0.006072
cost 0.006072
farm 0.006072
automobil 0.005523
industri 0.005523
attornei 0.005248
consum 0.005248
gillespi 0.004973
system 0.004699
rosenfield 0.004699
lawyer 0.004424
legal 0.004424
run 0.004424
court 0.004424
victim 0.004149
fraud 0.004149
commission 0.004149
dollar 0.003874
suggest 0.003874
polici 0.003874
damag 0.003874
coverag 0.003599
fil 0.003599
lawsuit 0.003325

determin 0.003050
cut 0.003050
car 0.003050
pain 0.003050
driv 0.002775
excess 0.002775
suprem 0.002775
bodili 0.002775
trial 0.002775
sell 0.002775
assn 0.002775
collect 0.002500

Topic 25th:

drug 0.034767
bennet 0.026698
lab 0.023190
fuji 0.022488
profession 0.011612
film 0.009858
test 0.008806
owner 0.007753
friend 0.007052
alexand 0.006701
japanes 0.005648
photograph 0.004947
color 0.004947
commun 0.004947
interview 0.004245
product 0.004245
anti 0.004245
resid 0.003894
letter 0.003543
countri 0.003543
technic 0.003193
chapman 0.003193
help 0.003193
beer 0.003193
regard 0.003193
david 0.002842
competit 0.002842
texa 0.002842
graduat 0.002842
kodak 0.002842
spent 0.002842
execut 0.002842
market 0.002491
austin 0.002491
lopez 0.002491

tell 0.002491
traffick 0.002491
produc 0.002491
mid 0.002491
william 0.002491
indee 0.002491
harvard 0.002491
laboratori 0.002491
miller 0.002491
lowe 0.002140
parti 0.002140
commerci 0.002140
wrote 0.002140
process 0.002140
intent 0.002140

Topic 26th:

san 0.144952
diego 0.098980
vista 0.015726
center 0.014044
bell 0.012923
aztec 0.007877
loma 0.007877
la 0.007877
sdsu 0.006475
set 0.005915
jolla 0.005074
forward 0.004513
brandenburg 0.004513
break 0.003952
girl 0.003952
saturdai 0.003952
vermont 0.003952
robert 0.003672
usiu 0.003672
hawaii 0.003392
calavita 0.003392
section 0.003392
bai 0.003392
lee 0.003392
citi 0.003392
north 0.003112
chang 0.003112
perri 0.003112
director 0.002831
heritag 0.002831
amp 0.002831
home 0.002831

filer 0.002831
vince 0.002551
henri 0.002551
powai 0.002551
jan 0.002551
digest 0.002551
review 0.002551
sail 0.002271
colorado 0.002271
southwest 0.002271
chula 0.002271
eastern 0.001990
ring 0.001990
word 0.001990
minor 0.001990
parent 0.001990
newman 0.001990
palomar 0.001710

Topic 27th:

time 0.017821
bylin 0.017675
offici 0.015766
subject 0.015276
length 0.015276
text 0.014787
headlin 0.014591
public 0.010137
report 0.009207
word 0.008864
people 0.008717
staf 0.008668
call 0.008522
writer 0.007836
month 0.007690
govern 0.007690
datelin 0.006711
week 0.006466
agenc 0.006368
includ 0.006172
continu 0.006074
nation 0.006074
accord 0.005878
major 0.005487
issue 0.005487
administr 0.005291
presid 0.005291
depart 0.005291
law 0.005193

organ 0.005144
unit 0.004900
decision 0.004851
repres 0.004802
effort 0.004704
allow 0.004606
ad 0.004606
support 0.004557
dai 0.004508
tuesdai 0.004214
concern 0.004214
requir 0.004214
offic 0.004165
director 0.004165
result 0.004116
term 0.004067
propos 0.004067
meet 0.004019
action 0.004019
question 0.003823
involv 0.003823

Topic 28th:

travel 0.034688
name 0.021247
toyota 0.014526
survei 0.009357
cost 0.008323
expens 0.008323
entertain 0.007289
gardner 0.006772
success 0.005738
car 0.005738
altern 0.005221
frequent 0.005221
perkin 0.005221
mead 0.004704
trip 0.004187
abus 0.004187
auto 0.003670
introduc 0.003670
stun 0.003153
mondai 0.003153
paper 0.003153
hir 0.003153
luxuri 0.003153
agent 0.002636
free 0.002636
tip 0.002636

extrem 0.002636
trademark 0.002636
check 0.002636
receipt 0.002636
spent 0.002636
extend 0.002120
compani 0.002120
poll 0.002120
fare 0.002120
division 0.002120
afternoon 0.002120
respond 0.002120
simpli 0.002120
requir 0.002120
flier 0.002120
presenc 0.001603
scandal 0.001603
logic 0.001603
firm 0.001603
legitim 0.001603
section 0.001603
amount 0.001603
mention 0.001603
sue 0.001603

Topic 29th:

store 0.046860
food 0.025974
restaur 0.024289
shop 0.016541
servic 0.012498
retail 0.011488
depart 0.010814
chain 0.006434
yogurt 0.006434
division 0.006098
custom 0.006098
concept 0.004413
bar 0.004413
space 0.004076
eate 0.003739
fashion 0.003739
ago 0.003739
offer 0.003739
merchandis 0.003739
fast 0.003403
select 0.003403
broadwai 0.003403
manhattan 0.003403

dai 0.003066
outlet 0.003066
impress 0.003066
bullock 0.003066
francisco 0.003066
style 0.003066
cafe 0.003066
spend 0.002729
san 0.002729
square 0.002729
tradition 0.002729
director 0.002392
salad 0.002392
southern 0.002392
champagn 0.002392
serve 0.002392
mall 0.002392
supermarket 0.002392
unlik 0.002392
shopper 0.002392
lower 0.002392
design 0.002055
grill 0.002055
recent 0.002055
hudson 0.002055
particularli 0.002055
dayton 0.002055

Topic 30th:

sign 0.014014
dog 0.012800
gu 0.006127
control 0.004307
gear 0.003094
leyva 0.002487
beverag 0.002487
robert 0.002487
cab 0.002487
allianc 0.002487
exclus 0.002487
repres 0.002487
pig 0.002487
dale 0.001881
diagnosi 0.001881
pound 0.001881
rubin 0.001881
armor 0.001881
jef 0.001881
asthma 0.001881

text 0.001881
ironi 0.001881
audienc 0.001881
host 0.001881
bel 0.001881
instruct 0.001881
truck 0.001881
select 0.001274
strongest 0.001274
ellen 0.001274
vow 0.001274
cause 0.001274
extrem 0.001274
ii 0.001274
boyd 0.001274
fold 0.001274
beti 0.001274
popul 0.001274
institut 0.001274
messag 0.001274
box 0.001274
tone 0.001274
vacat 0.001274
gone 0.001274
climb 0.001274
corner 0.001274
murphi 0.001274
hanson 0.001274
shelf 0.001274
zev 0.001274

Topic 31th:

tree 0.022021
pine 0.019342
torrei 0.013984
beetle 0.008626
park 0.007019
speci 0.005947
mt 0.005411
carmel 0.004876
bark 0.004876
endang 0.004876
pest 0.004340
infest 0.004340
falcon 0.004340
weaken 0.003804
extinct 0.003804
spread 0.003804
flanagan 0.003268

insect 0.003268
drought 0.002733
acre 0.002733
drop 0.002733
continu 0.002733
shane 0.002197
farrell 0.002197
kill 0.002197
reserv 0.002197
nearli 0.002197
rest 0.002197
expert 0.002197
help 0.002197
approach 0.002197
exist 0.002197
favor 0.002197
typic 0.002197
winter 0.002197
found 0.001661
character 0.001661
cut 0.001661
dozen 0.001661
bald 0.001661
california 0.001661
dr 0.001661
ranger 0.001661
layer 0.001661
fish 0.001661
eg 0.001661
camp 0.001661
asid 0.001661
acquir 0.001661
brown 0.001125

Topic 32th:

branch 0.006339
fellowship 0.005083
postal 0.003828
post 0.003201
daniel 0.003201
inform 0.002573
drop 0.002573
save 0.002573
alan 0.002573
pentecost 0.002573
gene 0.002573
pulse 0.001946
chapter 0.001946
try 0.001946

fifth 0.001946
newli 0.001946
discuss 0.001946
loose 0.001946
massiv 0.001946
bodi 0.001946
univers 0.001946
jose 0.001946
chamber 0.001946
paid 0.001946
gospel 0.001946
girl 0.001318
flate 0.001318
short 0.001318
flee 0.001318
weaver 0.001318
thank 0.001318
main 0.001318
aircraft 0.001318
graduat 0.001318
davi 0.001318
satisfi 0.001318
phenomena 0.001318
layer 0.001318
soli 0.001318
unconsci 0.001318
vindic 0.001318
worth 0.001318
kidnei 0.001318
project 0.001318
handle 0.001318
rebuild 0.001318
pioneer 0.001318
rose 0.001318
nationwid 0.001318
vigor 0.001318

Topic 33th:

sun 0.007824
grace 0.006032
evil 0.004838
urban 0.003643
satan 0.003643
harada 0.003046
emotion 0.003046
god 0.003046
mauric 0.002449
priest 0.002449
george 0.002449

fountain 0.002449
rate 0.002449
abandon 0.002449
horde 0.001851
punish 0.001851
search 0.001851
interior 0.001851
six 0.001851
applaud 0.001851
remot 0.001851
expect 0.001851
la 0.001851
gone 0.001851
triple 0.001851
love 0.001851
crime 0.001851
flesh 0.001851
forc 0.001851
see 0.001851
bend 0.001851
throughout 0.001851
beyond 0.001851
region 0.001851
wild 0.001851
explos 0.001254
jai 0.001254
likewis 0.001254
attribut 0.001254
quest 0.001254
floyd 0.001254
warren 0.001254
branch 0.001254
intention 0.001254
lug 0.001254
dark 0.001254
republ 0.001254
land 0.001254
forget 0.001254
august 0.001254

Topic 34th:

school 0.076373
student 0.059068
district 0.034382
teacher 0.031582
board 0.021148
educ 0.013514
protest 0.011223
class 0.010460

colleg 0.009696
grade 0.008678
issue 0.007660
demonstr 0.006133
offici 0.005115
attend 0.004861
uci 0.004861
elementari 0.004861
labor 0.004861
san 0.004606
unifi 0.004606
parent 0.004606
children 0.004097
union 0.004097
junior 0.004097
buckei 0.003843
princip 0.003588
univers 0.003334
relat 0.003334
graduat 0.003079
pai 0.003079
hammond 0.002825
disput 0.002825
survei 0.002825
naacp 0.002825
dozen 0.002825
futur 0.002825
bargain 0.002570
program 0.002570
settlem 0.002570
learn 0.002570
teach 0.002570
total 0.002570
studi 0.002316
freshmen 0.002316
campu 0.002316
curriculum 0.002316
withhold 0.002316
peace 0.002316
senior 0.002316
core 0.002061
credenti 0.002061

Topic 35th:

league 0.016472
basebal 0.015651
sport 0.014418
arm 0.011954
manag 0.009900

pitcher 0.008667
hit 0.008667
baltimor 0.007435
john 0.007435
stop 0.007024
tommi 0.007024
worri 0.006203
brown 0.005792
won 0.005792
club 0.005381
balk 0.005381
player 0.005381
york 0.005381
issue 0.004970
dr 0.004970
bob 0.004970
rule 0.004560
yankee 0.004149
padre 0.004149
compar 0.003738
agent 0.003738
attempt 0.003327
baseman 0.003327
dodger 0.003327
oriol 0.002917
umpir 0.002917
fan 0.002917
pitch 0.002917
histori 0.002917
gone 0.002917
press 0.002917
murrain 0.002917
outfield 0.002917
mcclure 0.002917
major 0.002917
oper 0.002506
discern 0.002506
illustr 0.002506
paid 0.002506
octob 0.002095
committe 0.002095
pack 0.002095
speak 0.002095
rose 0.002095
charle 0.002095

Topic 36th:

angel 0.173097
lo 0.157337

graphic 0.038262
photo 0.027755
writer 0.010536
time 0.006742
landmark 0.004407
wild 0.003823
main 0.003531
downtown 0.003240
hundr 0.002948
commun 0.002948
return 0.002656
move 0.002656
call 0.002656
rais 0.002656
reach 0.002364
metro 0.002364
counti 0.002072
edward 0.002072
duti 0.001780
refus 0.001780
harri 0.001780
drop 0.001780
drew 0.001780
articl 0.001488
arriv 0.001488
boulevard 0.001488
obvious 0.001488
telephon 0.001488
relief 0.001488
examin 0.001488
donat 0.001488
connect 0.001488
nui 0.001488
martin 0.001488
grew 0.001488
inglewood 0.001197
sherman 0.001197
amount 0.001197
view 0.001197
mention 0.001197
quit 0.001197
vallei 0.001197
estim 0.001197
minut 0.001197
tonight 0.001197
edition 0.001197
countri 0.001197
freewai 0.001197

Topic 37th:

ibm 0.022414
comput 0.020938
research 0.012819
system 0.011834
industri 0.011096
product 0.009866
develop 0.009866
compani 0.009374
ordin 0.008636
technologi 0.008636
equip 0.006668
govern 0.006668
agenc 0.006422
requir 0.006422
electron 0.006176
unit 0.005930
offic 0.005930
restaur 0.005930
smok 0.005683
process 0.005683
busi 0.005437
market 0.005437
nonsmok 0.005191
optic 0.004945
air 0.004699
cost 0.004699
smoke 0.004453
fiber 0.004207
make 0.004207
defens 0.004207
monsanto 0.003961
manufactur 0.003961
materi 0.003961
expens 0.003961
complaint 0.003715
structur 0.003715
japanes 0.003715
chemic 0.003715
scientif 0.003715
contract 0.003715
facil 0.003715
telephon 0.003469
machin 0.003469
chip 0.003469
award 0.003223
corp 0.003223
competitor 0.003223

superconduct 0.003223
firm 0.003223
ag 0.002977

Topic 38th:

force 0.018409
air 0.015784
hughe 0.012831
pilot 0.012831
robertson 0.011190
mile 0.010862
vietnam 0.009877
missil 0.009221
american 0.008893
militari 0.008237
war 0.007580
miss 0.007252
kill 0.007252
plane 0.006596
mig 0.006268
jet 0.005939
aliv 0.005611
libyan 0.005611
aircraft 0.005611
rother 0.005283
gm 0.005283
north 0.005283
electron 0.004627
fighter 0.004627
navi 0.004627
bylin 0.004299
base 0.004299
atwood 0.004299
maneuver 0.003971
husband 0.003971
train 0.003971
wednesday 0.003971
fox 0.003971
veteran 0.003642
radar 0.003642
action 0.003642
mediterranean 0.003642
associ 0.003642
ail 0.003314
arm 0.003314
rockwell 0.003314
weapon 0.003314
fire 0.003314
equip 0.003314

sea 0.003314
children 0.002986
shoot 0.002986
carrier 0.002986
bomber 0.002986
cancel 0.002986

Topic 39th:

fish 0.029864
bait 0.012695
boate 0.011792
trout 0.011340
coast 0.009081
express 0.007726
fishermen 0.007726
caught 0.007274
power 0.006822
tuna 0.005918
lake 0.005467
schedul 0.005467
catch 0.005015
near 0.005015
christma 0.004563
john 0.004563
dai 0.004563
pound 0.004563
harbor 0.004563
oper 0.004111
mile 0.004111
pacif 0.004111
channel 0.004111
hall 0.004111
aboard 0.003660
andrew 0.003660
california 0.003660
catalina 0.003660
sea 0.003208
offici 0.002756
result 0.002756
water 0.002756
product 0.002756
ocean 0.002756
enterpris 0.002756
island 0.002756
ferri 0.002304
greg 0.002304
sport 0.002304
wednesdai 0.002304
attract 0.002304

devic 0.002304
son 0.002304
chemic 0.001852
fad 0.001852
sometim 0.001852
ame 0.001852
southeast 0.001852
fisherman 0.001852
base 0.001852

Topic 40th:

black 0.060476
white 0.044661
minor 0.022240
racial 0.011030
cultur 0.010430
southern 0.007827
american 0.007827
social 0.007627
south 0.007026
univers 0.006626
nation 0.006226
relat 0.006026
discrimin 0.005625
busi 0.005225
race 0.005025
style 0.005025
societi 0.004424
atlanta 0.004424
test 0.004424
self 0.004224
colleg 0.003824
commun 0.003824
job 0.003623
school 0.003623
exampl 0.003423
latino 0.003423
color 0.003223
segreg 0.003223
compar 0.003223
mississippi 0.003223
tend 0.003023
human 0.003023
inner 0.003023
world 0.003023
asian 0.003023
standard 0.002823
klan 0.002823
gener 0.002823

racism 0.002823
attitud 0.002823
studi 0.002622
dai 0.002622
separ 0.002622
women 0.002622
view 0.002622
beyond 0.002622
town 0.002622
paul 0.002422
popul 0.002422
public 0.002422

Topic 41th:

usc 0.027853
ucla 0.023507
arizona 0.019162
trojan 0.018728
washington 0.018293
bruin 0.013948
pac 0.009168
elliot 0.007865
ravel 0.007865
call 0.006127
huski 0.005692
richardson 0.005692
anthoni 0.005258
harrick 0.004823
munk 0.004823
oregon 0.004389
guard 0.004389
pendleton 0.004389
forward 0.003954
shot 0.003954
note 0.003520
staf 0.003520
jerri 0.003520
probabl 0.003520
execut 0.003085
pollard 0.003085
cook 0.003085
sun 0.003085
sorri 0.003085
george 0.003085
catch 0.002651
ore 0.002651
frustrat 0.002651
screen 0.002651
sport 0.002216

fan 0.002216
grande 0.002216
sit 0.002216
moore 0.002216
eldridg 0.002216
rig 0.002216
stanford 0.002216
devil 0.002216
block 0.002216
recasn 0.002216
pavilion 0.002216
american 0.001782
patterson 0.001782
pooh 0.001782
dr 0.001782

Topic 42th:

hay 0.014623
dornan 0.008307
cox 0.007822
vote 0.007822
confirm 0.007822
republican 0.005878
robert 0.005878
democr 0.005878
rep 0.005393
rohrbach 0.004907
congressmen 0.004421
treasur 0.004421
parent 0.004421
choice 0.003935
thoma 0.003935
polit 0.003935
kept 0.003935
sworn 0.003935
offic 0.003935
nomin 0.003935
moore 0.003935
replac 0.003449
vot 0.003449
integr 0.003449
legislatur 0.003449
paper 0.003449
charm 0.002963
sen 0.002963
assembli 0.002963
wright 0.002478
partisan 0.002478
house 0.002478

jim 0.002478
set 0.002478
victori 0.002478
lungren 0.002478
speaker 0.002478
ti 0.002478
red 0.002478
gov 0.002478
roo 0.001992
anniversari 0.001992
christoph 0.001992
william 0.001992
return 0.001992
financi 0.001992
experi 0.001992
seate 0.001992
sting 0.001992
badham 0.001992

Topic 43th:

jefferi 0.019438
gaf 0.010355
sherwin 0.008538
carbid 0.005510
implic 0.005510
manipul 0.004299
union 0.003694
identifi 0.003694
obviou 0.003694
block 0.003088
park 0.003088
request 0.002483
brokerag 0.002483
recall 0.002483
donat 0.002483
junk 0.001877
invoic 0.001877
settl 0.001877
liman 0.001877
discov 0.001877
will 0.001877
boyd 0.001877
brought 0.001877
combin 0.001877
britain 0.001877
fail 0.001877
due 0.001877
assum 0.001877
held 0.001877

person 0.001877
voic 0.001877
specif 0.001877
ex 0.001877
bid 0.001272
approxim 0.001272
labor 0.001272
banker 0.001272
mari 0.001272
sack 0.001272
resign 0.001272
sensit 0.001272
precis 0.001272
chemic 0.001272
intention 0.001272
johnson 0.001272
increas 0.001272
uncomfort 0.001272
fit 0.001272
leg 0.001272
watson 0.001272

Topic 44th:

king 0.041603
name 0.021205
jr 0.020051
martin 0.020051
center 0.013508
convent 0.012739
luther 0.011969
helen 0.009660
fugard 0.009275
dr 0.006966
port 0.006581
richmond 0.006581
honor 0.006196
civil 0.005426
right 0.005426
committe 0.004657
mecca 0.004272
nam 0.004272
road 0.003887
south 0.003887
benson 0.003887
elvi 0.003502
mondai 0.003502
town 0.003502
act 0.003502
featur 0.003502

change 0.003117
make 0.003117
tennesse 0.003117
preslei 0.003117
renam 0.002732
left 0.002732
opinion 0.002732
birthdai 0.002348
route 0.002348
leader 0.002348
dream 0.002348
unabl 0.002348
fail 0.002348
mariu 0.002348
hero 0.002348
celebr 0.002348
women 0.002348
anywai 0.002348
flower 0.002348
unconqu 0.001963
sr 0.001963
garden 0.001963
pastor 0.001963
nan 0.001963

Topic 45th:

green 0.037000
leonard 0.011496
ken 0.008538
box 0.007799
nun 0.007060
hearn 0.006690
golf 0.006321
azing 0.005581
re 0.005212
golfer 0.004842
million 0.004842
pai 0.004842
world 0.004842
palmer 0.004473
player 0.004473
european 0.004473
lot 0.004103
enjoy 0.004103
middleweight 0.004103
ball 0.003733
club 0.003733
thoma 0.003733
major 0.003364

lucki 0.003364
finish 0.003364
jack 0.003364
dollar 0.003364
wednesdai 0.002994
rai 0.002994
imagin 0.002994
frank 0.002994
bout 0.002624
announc 0.002624
crook 0.002624
confid 0.002624
lane 0.002624
statist 0.002624
car 0.002624
color 0.002624
speak 0.002624
failur 0.002255
rank 0.002255
arnold 0.002255
american 0.002255
champion 0.002255
mind 0.002255
combin 0.002255
eagle 0.002255
blue 0.002255
magnolia 0.002255

Topic 46th:

counti 0.103697
orang 0.063855
job 0.024655
irvin 0.011589
worker 0.010732
offic 0.010089
banfill 0.009661
santa 0.009661
employ 0.009232
ana 0.008590
pai 0.008161
month 0.007947
home 0.007947
hour 0.007947
local 0.007519
employe 0.007090
depart 0.006662
resid 0.006448
servic 0.006448
park 0.006233

california 0.006019
labor 0.005377
increas 0.005377
lot 0.004734
clos 0.004520
hous 0.004520
benefit 0.004520
liv 0.004306
famili 0.004306
low 0.004306
plant 0.004091
compani 0.004091
supervisor 0.003877
xidex 0.003877
lower 0.003877
agenc 0.003877
week 0.003663
table 0.003663
fill 0.003663
unemploi 0.003449
applic 0.003449
provid 0.003449
unemploy 0.003449
decemb 0.003235
thoma 0.003235
rate 0.003020
assist 0.003020
western 0.003020
earn 0.003020
personnel 0.002806

Topic 47th:

fog 0.009685
david 0.007279
peter 0.005474
explor 0.005474
london 0.005474
travel 0.004271
mill 0.003669
shoot 0.003068
tod 0.003068
fox 0.003068
fix 0.002466
british 0.002466
sent 0.002466
jule 0.001865
reno 0.001865
remak 0.001865
wednesdai 0.001865

world 0.001865
ethic 0.001865
learn 0.001865
interview 0.001865
third 0.001865
civil 0.001865
suppos 0.001865
statem 0.001865
appear 0.001865
manner 0.001865
confront 0.001865
moral 0.001865
motion 0.001865
extend 0.001263
idle 0.001263
norfolk 0.001263
luckili 0.001263
pierce 0.001263
credit 0.001263
breast 0.001263
spoke 0.001263
launch 0.001263
smear 0.001263
express 0.001263
facet 0.001263
accompani 0.001263
marinaro 0.001263
mutual 0.001263
cause 0.001263
niven 0.001263
taste 0.001263
frank 0.001263
ullman 0.001263

Topic 48th:

race 0.018223
cup 0.012016
win 0.011129
won 0.009799
horse 0.008469
rac 0.006695
course 0.006695
finish 0.006252
jockey 0.006252
anita 0.005365
run 0.005365
goodbye 0.005365
halo 0.005365
victori 0.004922

gum 0.004922
filli 0.004478
career 0.004478
derbi 0.004478
broke 0.004035
dai 0.004035
third 0.004035
gloriou 0.004035
santa 0.004035
trainer 0.004035
futur 0.003591
rid 0.003591
person 0.003591
paid 0.003148
world 0.003148
marco 0.003148
breeder 0.002705
ensign 0.002705
fifth 0.002705
start 0.002705
switzerland 0.002705
jack 0.002705
nam 0.002705
kentucki 0.002705
grass 0.002705
downhill 0.002261
subtle 0.002261
schneider 0.002261
stretch 0.002261
hollywood 0.002261
color 0.002261
record 0.002261
stake 0.002261
winner 0.002261
owner 0.002261
post 0.002261

Topic 49th:

offer 0.009207
saturdai 0.007957
review 0.007957
even 0.007124
opera 0.006291
afternoon 0.006291
style 0.005874
widow 0.005457
sang 0.005457
prov 0.005041
cast 0.004208

critic 0.003791
matine 0.003791
compani 0.003791
act 0.003791
mark 0.003374
clever 0.003374
bright 0.003374
appeal 0.003374
occasion 0.003374
audienc 0.003374
perform 0.002958
reviv 0.002958
bill 0.002541
none 0.002541
sonia 0.002541
ton 0.002541
pain 0.002541
centuri 0.002541
height 0.002541
week 0.002541
lehar 0.002541
virtual 0.002541
pressur 0.002541
vocal 0.002125
merri 0.002125
mcbride 0.002125
game 0.002125
rel 0.002125
warm 0.002125
natali 0.002125
despit 0.002125
tenor 0.002125
weekend 0.002125
particularli 0.002125
nor 0.002125
opposit 0.002125
meantim 0.002125
oddli 0.002125
domin 0.002125

Topic 50th:

music 0.039946
band 0.017792
record 0.017792
song 0.017561
publish 0.010869
plai 0.010408
rock 0.009254
jazz 0.009023

blue 0.009023
perform 0.008792
countri 0.007869
fleetwood 0.007869
concert 0.007869
singer 0.007638
album 0.007177
symphoni 0.006946
includ 0.006023
sound 0.006023
pop 0.005792
musician 0.005792
tour 0.005331
tree 0.005100
jan 0.004869
browne 0.004638
classic 0.004408
recent 0.004177
barden 0.003946
orchestra 0.003946
local 0.003946
cb 0.003946
quartet 0.003715
copyright 0.003715
ago 0.003715
opera 0.003715
entertain 0.003485
celebr 0.003485
sing 0.003485
set 0.003254
harri 0.003254
guitarist 0.003023
catalogu 0.003023
mac 0.002792
program 0.002792
piece 0.002792
la 0.002792
club 0.002561
holman 0.002561
tune 0.002561
radio 0.002561
drummer 0.002561

Topic 51th:

lynch 0.023616
john 0.014660
brother 0.014660
santa 0.013717
joseph 0.013246

prostitut 0.010889
help 0.009946
ana 0.009003
mari 0.007118
brian 0.006647
live 0.005704
famili 0.005704
joe 0.004761
wife 0.004761
helen 0.004761
wheel 0.004290
rose 0.003818
continu 0.003818
murder 0.003818
appoint 0.003818
merv 0.003818
rolf 0.003347
host 0.003347
aim 0.003347
sister 0.003347
depress 0.003347
victim 0.003347
kill 0.002875
tuesdai 0.002875
ago 0.002875
arraign 0.002875
vanna 0.002404
psychiatrist 0.002404
rel 0.002404
daughter 0.002404
grace 0.002404
blow 0.001933
feb 0.001933
manic 0.001933
treate 0.001933
twice 0.001933
charact 0.001933
injunct 0.001933
deborah 0.001933
kept 0.001933
retir 0.001933
twin 0.001933
tragedi 0.001461
guest 0.001461
ralph 0.001461

Topic 52th:

newport 0.033972
beach 0.033434

harbor 0.008130
tuesdai 0.007053
ward 0.006514
cycle 0.005976
david 0.005438
marijuana 0.004361
surf 0.004361
half 0.003284
boate 0.003284
mallei 0.003284
sea 0.003284
seizur 0.003284
courtnei 0.002746
headlin 0.002746
slip 0.002746
leash 0.002207
dolphin 0.002207
mesa 0.002207
convict 0.002207
ex 0.002207
install 0.002207
anaheim 0.002207
london 0.002207
surround 0.002207
noise 0.002207
mild 0.001669
oaklei 0.001669
colleagu 0.001669
borri 0.001669
minut 0.001669
tom 0.001669
limit 0.001669
fridai 0.001669
car 0.001669
source 0.001669
commun 0.001669
estim 0.001669
stanlei 0.001669
sundai 0.001669
emphas 0.001131
carter 0.001131
lower 0.001131
burn 0.001131
whenev 0.001131
pamela 0.001131
stung 0.001131
advisori 0.001131
unclear 0.001131

Topic 53th:

editor 0.024428
journal 0.020472
byrd 0.017505
stori 0.012560
report 0.011571
review 0.010253
journalist 0.008275
time 0.007945
monthli 0.007945
radic 0.007615
crosbi 0.007615
origin 0.007615
newspap 0.006956
publish 0.006956
mcguin 0.006626
hillman 0.005967
press 0.005637
name 0.005637
media 0.005308
wrote 0.005308
thoma 0.004978
standard 0.004648
new 0.004648
articl 0.004648
claim 0.004319
clark 0.004319
clarke 0.003989
public 0.003659
view 0.003659
legal 0.003659
conserv 0.003659
establish 0.003330
reader 0.003330
edit 0.003330
polit 0.003330
reunion 0.003330
controversi 0.003000
page 0.003000
popular 0.003000
street 0.002670
liber 0.002670
respect 0.002670
stone 0.002670
taylor 0.002670
accuraci 0.002670
socialist 0.002670
ideolog 0.002670

uc 0.002670
wall 0.002341
paper 0.002341

Topic 54th:

texaco 0.019543
chart 0.009534
sharehold 0.006901
pension 0.006901
icahn 0.006901
week 0.006374
table 0.005847
carl 0.005847
cooper 0.005847
retir 0.005320
bakker 0.005320
univers 0.005320
rental 0.004794
top 0.004267
trust 0.004267
bankruptci 0.004267
denni 0.003740
close 0.003740
kinnear 0.003740
poison 0.003213
rank 0.003213
pull 0.003213
pill 0.003213
intent 0.003213
davi 0.002686
hunt 0.002686
employe 0.002686
proxi 0.002686
asset 0.002686
fight 0.002160
hanson 0.002160
wilson 0.002160
cwl 0.002160
jr 0.002160
ban 0.001633
expir 0.001633
devis 0.001633
rca 0.001633
april 0.001633
defens 0.001633
intellig 0.001633
system 0.001633
plan 0.001633
design 0.001633

ken 0.001633
columbia 0.001633
nearli 0.001633
newspap 0.001633
press 0.001633
break 0.001633

Topic 55th:

robinson 0.031724
brown 0.014759
baruch 0.006842
clif 0.006277
intens 0.004580
atmospher 0.004015
hir 0.003449
cinnamon 0.003449
brother 0.003449
begin 0.003449
villanova 0.003449
past 0.002884
grei 0.002884
barber 0.002318
calhoun 0.002318
chicago 0.002318
resum 0.002318
object 0.002318
noah 0.002318
jesse 0.002318
host 0.002318
fre 0.002318
offens 0.002318
leroi 0.001753
circuit 0.001753
dedic 0.001753
deliv 0.001753
boyfriend 0.001753
intent 0.001753
barge 0.001753
cit 0.001753
connecticut 0.001753
chang 0.001188
frustrat 0.001188
coward 0.001188
stint 0.001188
rip 0.001188
content 0.001188
suppli 0.001188
accessori 0.001188
sanitari 0.001188

slai 0.001188
ocean 0.001188
evan 0.001188
texa 0.001188
answer 0.001188
flash 0.001188
wheel 0.001188
jealou 0.001188
imaginari 0.001188

Topic 56th:

right 0.015189
civil 0.014025
web 0.007041
handicap 0.006459
depart 0.006459
suit 0.005878
durham 0.005878
texa 0.005296
downei 0.004132
bu 0.004132
refus 0.004132
fil 0.004132
complaint 0.003550
donald 0.003550
oppenheim 0.003550
transport 0.003550
trump 0.002968
buse 0.002968
servic 0.002968
door 0.002968
free 0.002968
regular 0.002968
casino 0.002386
staf 0.002386
caesar 0.002386
notifi 0.002386
illinoi 0.002386
popular 0.001804
hotel 0.001804
oblig 0.001804
atlant 0.001804
couldn 0.001804
educ 0.001804
disabl 0.001804
briefli 0.001804
sheinbaum 0.001804
del 0.001804
sever 0.001222

hawlei 0.001222
answer 0.001222
taught 0.001222
girl 0.001222
wooden 0.001222
design 0.001222
throughout 0.001222
cancel 0.001222
choice 0.001222
prai 0.001222
complet 0.001222
hero 0.001222

Topic 57th:

juror 0.018024
steel 0.016391
import 0.007678
drake 0.007134
prospect 0.006589
believ 0.006044
juri 0.004955
jan 0.004955
curb 0.004955
altern 0.004411
fridai 0.004411
quota 0.003866
ramirez 0.003866
remark 0.003866
select 0.003322
woman 0.003322
anglo 0.003322
kirkland 0.003322
heard 0.002777
saudi 0.002777
subject 0.002777
home 0.002777
tynan 0.002777
oath 0.002777
thursdai 0.002777
trade 0.002233
di 0.002233
entir 0.002233
halpin 0.002233
afternoon 0.002233
stalker 0.001688
lobbi 0.001688
token 0.001688
text 0.001688
opinion 0.001688

morn 0.001688
profit 0.001688
plane 0.001688
current 0.001688
matter 0.001688
excus 0.001688
near 0.001688
english 0.001688
experi 0.001688
read 0.001688
bangkok 0.001688
assum 0.001688
vision 0.001144
spoke 0.001144
refuge 0.001144

Topic 58th:

floate 0.017402
de 0.016945
van 0.015118
parad 0.012378
kamp 0.011008
davi 0.010094
democr 0.008724
mechan 0.006897
governor 0.006440
grossman 0.006440
polit 0.005070
feinstein 0.004156
democrat 0.004156
mccarthy 0.004156
elect 0.003700
emerg 0.003700
rose 0.003700
primari 0.003700
leader 0.003243
advis 0.003243
deadlin 0.003243
pete 0.002786
grai 0.002786
john 0.002786
tournam 0.002786
engin 0.002786
builder 0.002786
ambition 0.002786
lineup 0.002786
candid 0.002786
brown 0.002786
southern 0.002329

leo 0.002329
senat 0.002329
speak 0.002329
wilson 0.002329
independ 0.002329
author 0.002329
previous 0.002329
fuel 0.002329
republican 0.002329
poll 0.001873
sponsor 0.001873
tow 0.001873
theme 0.001873
mix 0.001873
gop 0.001873
collaps 0.001873
barbara 0.001873
contend 0.001873

Topic 59th:

book 0.012976
wayne 0.008667
creativ 0.008188
louisiana 0.007709
wilbert 0.007230
award 0.006752
marriag 0.005315
ryan 0.005315
unit 0.004357
marri 0.004357
bank 0.004357
solitud 0.004357
pardon 0.004357
single 0.003879
fear 0.003879
freedom 0.003879
movi 0.003400
movie 0.003400
complet 0.003400
stor 0.003400
roger 0.003400
relationship 0.003400
writ 0.003400
resign 0.003400
muir 0.003400
governor 0.003400
charle 0.002921
susan 0.002921
happen 0.002921

possibl 0.002921
willie 0.002921
lake 0.002442
averag 0.002442
secur 0.002442
winner 0.002442
estat 0.002442
ferguson 0.001963
angola 0.001963
rehabilit 0.001963
kern 0.001963
inmat 0.001963
fulfill 0.001963
phelp 0.001963
come 0.001963
octob 0.001963
activ 0.001963
construct 0.001963
gain 0.001963
gamble 0.001963
interact 0.001963

Topic 60th:

athlet 0.032835
colleg 0.022960
thompson 0.013085
propos 0.011674
educ 0.011321
academ 0.010616
ncaa 0.010616
rule 0.008500
test 0.008147
division 0.008147
john 0.007794
meet 0.006736
standard 0.006736
proposit 0.006736
qualifi 0.006384
sport 0.005678
scholarship 0.005326
requir 0.005326
level 0.004973
ravel 0.004973
total 0.004973
slaughter 0.004973
win 0.004620
occident 0.004620
elig 0.004620
collegi 0.004620

school 0.004267
student 0.004267
associ 0.004267
iii 0.004267
doctor 0.004267
minimum 0.003915
black 0.003915
survei 0.003915
pass 0.003562
coach 0.003209
partial 0.003209
youngster 0.003209
support 0.003209
vote 0.003209
entranc 0.002857
societi 0.002857
particip 0.002857
regul 0.002857
sai 0.002857
brown 0.002857
kid 0.002857
low 0.002504
score 0.002504
sate 0.002504

Topic 61th:

govern 0.018600
israel 0.012924
peace 0.010345
south 0.009571
arab 0.009313
crouch 0.009055
foreign 0.008281
armi 0.008281
minist 0.007765
palestinian 0.007249
unit 0.006991
world 0.006991
salvador 0.006991
countri 0.006991
militari 0.006733
el 0.006733
datelin 0.006475
africa 0.006217
central 0.005701
talk 0.004927
extradit 0.004927
polici 0.004411
reject 0.004411

propos 0.004411
israe 0.004411
leader 0.004411
soldier 0.004411
guerrilla 0.004153
shamir 0.004153
greece 0.003895
christian 0.003895
liber 0.003895
elect 0.003637
plan 0.003637
african 0.003637
tbn 0.003379
east 0.003379
offici 0.003379
ministri 0.003379
organ 0.003379
apartheid 0.003379
terror 0.003379
terrorist 0.003379
respons 0.003121
dec 0.003121
war 0.003121
rebel 0.003121
homeland 0.003121
link 0.003121
vatican 0.003121

Topic 62th:

coach 0.029324
head 0.015744
charger 0.014471
defens 0.011925
ortmay 0.011076
job 0.010227
assist 0.008954
coordin 0.008106
lyn 0.007681
fir 0.007257
owner 0.006832
spano 0.006408
chief 0.006408
schottenheim 0.006408
raider 0.006408
nfl 0.005135
adolph 0.004286
football 0.004286
brown 0.004286
hir 0.004286

dave 0.004286
clark 0.003862
dog 0.003862
ram 0.003862
walsh 0.003862
cleveland 0.003862
kansa 0.003862
team 0.003437
jan 0.003437
reportedli 0.003437
steve 0.003437
gene 0.003437
coache 0.003013
seifert 0.003013
schedul 0.003013
report 0.003013
white 0.003013
hen 0.002589
tuesdai 0.002589
alex 0.002589
mike 0.002589
mov 0.002589
discuss 0.002164
top 0.002164
al 0.002164
marti 0.002164
bowman 0.002164
dick 0.002164
experi 0.002164
suggest 0.002164

Topic 63th:

yard 0.026486
bengal 0.022271
football 0.018731
bowl 0.017551
game 0.017551
plai 0.014179
cincinnati 0.013842
pass 0.013504
field 0.012493
team 0.012493
montana 0.011987
super 0.011650
bear 0.011481
francisco 0.011313
san 0.009964
rice 0.009121
defens 0.008447

touchdown 0.008278
left 0.007941
offens 0.007604
bill 0.007435
sundai 0.007098
run 0.006929
coach 0.006929
quarter 0.006592
pro 0.006592
goal 0.006255
ball 0.006086
nfl 0.005749
player 0.005412
chicago 0.005243
wyche 0.005075
joe 0.004906
drive 0.004737
line 0.004737
walsh 0.004232
quarterback 0.004063
win 0.003726
mike 0.003726
half 0.003726
tackle 0.003726
championship 0.003557
nfc 0.003389
esiason 0.003389
hit 0.003220
craig 0.003220
receiv 0.003220
buffalo 0.003052
jim 0.003052
score 0.002883

Topic 64th:

season 0.038682
team 0.036865
game 0.029729
player 0.028042
coach 0.026095
plai 0.019088
basketbal 0.014936
school 0.014546
football 0.014417
colleg 0.011173
averag 0.009356
nation 0.007539
league 0.007539
record 0.006761

freshman 0.005982
confer 0.005333
north 0.005074
lost 0.004944
win 0.004814
sport 0.004684
dame 0.004555
notre 0.004555
senior 0.004425
east 0.004425
coache 0.004425
smith 0.004295
injuri 0.004295
carolina 0.004165
top 0.004165
division 0.004165
assist 0.004036
rank 0.004036
reid 0.003906
athlet 0.003776
hall 0.003776
gui 0.003776
guard 0.003646
start 0.003646
kid 0.003646
brown 0.003646
georgetown 0.003646
career 0.003517
program 0.003517
mourn 0.003387
week 0.003387
thompson 0.003257
univers 0.003257
pound 0.003257
championship 0.003127
norman 0.003127

Topic 65th:

citi 0.079763
council 0.024482
dana 0.016075
resid 0.015311
commun 0.014546
plan 0.013782
laguna 0.011999
hill 0.011489
counti 0.009706
hotel 0.007159
manag 0.007159

niguel 0.006649
incorpor 0.006649
ca 0.006394
traffic 0.006140
mayor 0.005885
propos 0.005885
vote 0.005630
beach 0.005630
cityhood 0.005375
annex 0.005375
local 0.005375
lafco 0.005375
district 0.005120
hear 0.004866
park 0.004611
wednesdai 0.004611
commission 0.004611
mile 0.004356
harbor 0.004101
south 0.004101
capistrano 0.003592
mission 0.003592
busi 0.003592
concern 0.003337
town 0.003337
coast 0.003337
juan 0.003337
viejo 0.003337
five 0.003337
board 0.003337
nearli 0.003082
vot 0.003082
street 0.003082
revenu 0.002828
growth 0.002828
live 0.002828
citizen 0.002828
neighbor 0.002573
strip 0.002573

Topic 66th:

stock 0.033965
price 0.026655
market 0.025611
rate 0.013863
rose 0.011774
bond 0.011774
dollar 0.010991
trad 0.010208

share 0.010208
industri 0.010208
fell 0.009164
month 0.008119
datelin 0.007336
haa 0.007075
york 0.006553
yield 0.006553
dealer 0.006553
treasuri 0.006292
decemb 0.006031
cent 0.005770
reserv 0.005770
govern 0.005770
novemb 0.005509
oil 0.005509
late 0.004986
gain 0.004986
tuesdai 0.004986
analyst 0.004725
clos 0.004725
feder 0.004725
economi 0.004725
inflat 0.004725
trade 0.004725
primari 0.004203
figur 0.004203
drop 0.003942
declin 0.003942
volum 0.003942
rothschild 0.003942
investor 0.003681
prefer 0.003681
discount 0.003681
averag 0.003681
exchang 0.003681
value 0.003420
term 0.003420
report 0.003420
increas 0.003420
demand 0.003420
fed 0.003159

Topic 67th:

goal 0.040714
game 0.021207
king 0.020997
period 0.018480
plai 0.016802

team 0.014075
scor 0.012816
gretzki 0.011767
island 0.010299
carpent 0.009041
assist 0.008411
night 0.007992
hockey 0.007992
lemieux 0.007782
player 0.007572
season 0.006943
nhl 0.006943
left 0.006733
third 0.006523
wing 0.006523
capit 0.006314
lead 0.006104
power 0.006104
fitzpatrick 0.005265
red 0.005265
tie 0.005055
net 0.005055
tonelli 0.004845
wayne 0.004636
puck 0.004426
defens 0.004426
division 0.004216
hartford 0.004216
whaler 0.004216
shot 0.004216
league 0.003797
canada 0.003377
bobbi 0.003377
ranger 0.003377
boston 0.003167
edmonton 0.003167
mario 0.003167
soviet 0.003167
win 0.002958
york 0.002958
bylin 0.002748
past 0.002748
center 0.002748
bruin 0.002748
ftorek 0.002748

Topic 68th:

televis 0.045069
tv 0.033807

program 0.019080
seri 0.013449
broadcast 0.012366
report 0.011717
station 0.011067
new 0.010850
channel 0.010634
media 0.009334
network 0.009118
produc 0.009118
nbc 0.008251
michael 0.007602
execut 0.007385
america 0.007169
insid 0.006302
commerci 0.006086
hollywood 0.005869
video 0.005653
pictur 0.005653
stori 0.005436
entertain 0.005436
magazin 0.005436
advertis 0.005219
radio 0.005003
industri 0.004786
american 0.004570
star 0.004570
presid 0.004353
nation 0.004353
morn 0.003920
award 0.003920
rock 0.003920
featur 0.003703
power 0.003703
edition 0.003487
abc 0.003487
studio 0.003487
screen 0.003487
special 0.003487
air 0.003270
hour 0.003270
nixon 0.003270
cable 0.003054
kcet 0.003054
cb 0.003054
write 0.003054
camera 0.003054
audienc 0.002837

Topic 69th:

rose 0.024296
bowl 0.024296
duke 0.019553
ten 0.011648
monte 0.008485
wayne 0.005850
memori 0.004796
del 0.004796
orang 0.004269
commission 0.004269
eight 0.003742
kkk 0.003742
line 0.003742
helix 0.003742
rjr 0.003742
highlight 0.003215
brand 0.003215
nabisco 0.002688
confer 0.002688
disappoint 0.002688
planter 0.002161
elbow 0.002161
orient 0.002161
stanford 0.002161
skip 0.002161
martha 0.002161
nut 0.002161
offici 0.002161
compet 0.002161
ketchup 0.002161
ye 0.002161
food 0.002161
pac 0.002161
celebr 0.002161
retir 0.002161
match 0.002161
illustr 0.001634
fruit 0.001634
let 0.001634
stern 0.001634
beatric 0.001634
sear 0.001634
chun 0.001634
packag 0.001634
jame 0.001634
lost 0.001634
hall 0.001634

perman 0.001634
specul 0.001634
length 0.001634

Topic 70th:

sale 0.013514
truck 0.011360
car 0.008668
motor 0.007591
model 0.007053
ford 0.006514
custom 0.005976
domest 0.005976
import 0.005976
arriv 0.004899
pickup 0.004899
electr 0.004899
auto 0.004361
sterl 0.004361
border 0.003823
chrysler 0.003823
miller 0.003823
detroit 0.003284
table 0.003284
poison 0.003284
monoxid 0.003284
mexican 0.003284
carbon 0.003284
respect 0.002746
camper 0.002746
expand 0.002746
increas 0.002746
shell 0.002207
disappear 0.002207
set 0.002207
discuss 0.002207
calif 0.002207
pull 0.002207
juli 0.002207
plant 0.002207
formal 0.002207
father 0.002207
ortega 0.002207
fume 0.001669
seep 0.001669
ladi 0.001669
escort 0.001669
dense 0.001669
support 0.001669

account 0.001669
bill 0.001669
financ 0.001669
grow 0.001669
briefli 0.001669
lock 0.001669

Topic 71th:

gun 0.024378
weapon 0.021630
assault 0.013779
california 0.012994
law 0.012209
type 0.012209
semiautomat 0.008283
owner 0.007498
bill 0.007498
enforc 0.007498
rifle 0.007498
militari 0.007105
control 0.007105
handgun 0.006713
legisl 0.006320
purchas 0.006320
ban 0.005928
sale 0.005535
popular 0.005142
firearm 0.005142
ak 0.004750
check 0.003965
crimin 0.003965
holden 0.003572
street 0.003572
prohibit 0.003572
background 0.003572
wait 0.003180
sen 0.003180
booth 0.003180
restrict 0.003180
aim 0.003180
sold 0.003180
drug 0.003180
sell 0.003180
carri 0.002787
polic 0.002787
outlaw 0.002787
plan 0.002787
stockton 0.002787
favor 0.002787

exempt 0.002787
david 0.002787
gang 0.002787
illeg 0.002395
manufactur 0.002395
bui 0.002395
legislatur 0.002395
machin 0.002395
coalition 0.002395

Topic 72th:

build 0.025631
site 0.020862
center 0.018602
develop 0.017347
land 0.016343
million 0.013330
construct 0.012828
offic 0.012326
space 0.011573
plan 0.010820
project 0.009816
park 0.009565
square 0.008812
univers 0.008309
research 0.007807
acre 0.006301
facil 0.006050
environment 0.005799
rent 0.005799
world 0.005799
costa 0.005799
natur 0.005548
conserv 0.005297
forest 0.005297
begin 0.005046
mov 0.005046
sign 0.004544
plant 0.004544
lease 0.004544
debt 0.004544
librari 0.004544
institut 0.004293
rohr 0.004293
stori 0.004293
mile 0.004042
engin 0.004042
feet 0.004042
la 0.004042

villag 0.004042
foot 0.004042
preserv 0.003791
complex 0.003791
chula 0.003791
locat 0.003791
foundat 0.003791
structur 0.003540
near 0.003540
landfill 0.003540
vacant 0.003540
counti 0.003289

Topic 73th:

church 0.015900
japanes 0.013757
japan 0.013328
st 0.012471
emperor 0.010757
saturdai 0.010328
born 0.009043
memori 0.008614
death 0.008185
servic 0.007328
tokyo 0.006900
american 0.006043
snake 0.005614
plan 0.005614
hirohito 0.005614
funer 0.005186
mar 0.004757
fair 0.004328
commun 0.004328
fairground 0.003900
del 0.003900
tear 0.003900
conduct 0.003900
note 0.003471
woman 0.003471
prayer 0.003471
cultur 0.003471
organ 0.003471
stockton 0.003043
languag 0.003043
edward 0.003043
gather 0.003043
tran 0.003043
girl 0.003043
sign 0.002614

commemor 0.002614
near 0.002614
tradition 0.002614
accord 0.002614
di 0.002614
countri 0.002614
mourn 0.002614
solana 0.002614
congreg 0.002614
sen 0.002186
equival 0.002186
posit 0.002186
roman 0.002186
mass 0.002186
vietnames 0.002186

Topic 74th:

hospit 0.053481
health 0.039372
medic 0.032588
counti 0.030146
care 0.025533
emerg 0.020106
patient 0.017393
servic 0.016850
aid 0.012237
mental 0.011423
center 0.011152
clinic 0.009253
physician 0.007896
supervisor 0.006811
sharp 0.006268
doctor 0.006268
staf 0.005454
surgeri 0.005183
treate 0.005183
clos 0.004911
ill 0.004911
pace 0.004640
jan 0.004640
facil 0.004369
bed 0.004097
practic 0.004097
month 0.004097
network 0.003826
nurs 0.003826
privat 0.003555
medicar 0.003555
provid 0.003555

commun 0.003283
close 0.003283
healthcar 0.003012
gate 0.003012
surgeon 0.002741
medicin 0.002469
closur 0.002469
suffer 0.002469
able 0.002469
local 0.002469
dr 0.002469
home 0.002469
paramed 0.002469
exampl 0.002198
director 0.002198
continu 0.002198
board 0.002198
ambul 0.002198

Topic 75th:

west 0.053668
parti 0.021790
germani 0.017289
german 0.016914
govern 0.013164
elect 0.012789
berlin 0.012414
polit 0.009038
republican 0.009038
citi 0.008663
democrat 0.008288
democr 0.007538
christian 0.007538
europ 0.007163
nazi 0.006788
result 0.006413
nato 0.006413
nation 0.006413
seate 0.006038
kohl 0.006038
range 0.004538
leader 0.004538
treati 0.004538
datelin 0.004538
foreign 0.004163
sundai 0.004163
bon 0.004163
atlant 0.003788
legislatur 0.003413

success 0.003413
vote 0.003413
east 0.003413
offic 0.003038
nearli 0.003038
altern 0.003038
represent 0.003038
short 0.003038
subject 0.002663
cut 0.002663
chancellor 0.002663
helmut 0.002663
gain 0.002663
coalition 0.002663
modern 0.002663
social 0.002663
defeat 0.002288
shevardnadz 0.002288
jewish 0.002288
free 0.002288
six 0.002288

Topic 76th:

million 0.017111
ticket 0.016594
six 0.015043
lotteri 0.009874
bui 0.008323
line 0.008323
lotto 0.008323
win 0.007806
winner 0.007806
prize 0.006772
pasadena 0.006772
jackpot 0.006772
player 0.005738
fridai 0.004187
rush 0.004187
bonu 0.003670
third 0.003670
chance 0.003153
anderson 0.003153
liquor 0.002636
george 0.002636
spin 0.002636
top 0.002636
monei 0.002636
time 0.002120
result 0.002120

largest 0.002120
spanish 0.002120
offici 0.002120
extend 0.002120
georgia 0.002120
bought 0.001603
gift 0.001603
al 0.001603
crowd 0.001603
saturdai 0.001603
letter 0.001603
heavi 0.001603
draw 0.001603
jan 0.001603
worth 0.001603
south 0.001603
award 0.001603
meanwhil 0.001603
assur 0.001603
chinatown 0.001603
christin 0.001603
swell 0.001603
ami 0.001086
stream 0.001086

Topic 77th:

soviet 0.057661
union 0.016339
moscow 0.013620
right 0.008727
ussr 0.008727
confer 0.008183
earthquak 0.008183
human 0.008183
afghanistan 0.007911
govern 0.007911
newspap 0.007367
gorbachev 0.007095
countri 0.006824
armenia 0.006280
kabul 0.006008
foreign 0.006008
quake 0.005736
force 0.005736
talk 0.005464
kill 0.005464
arm 0.005192
critic 0.005192
capit 0.004921

visit 0.004921
offici 0.004921
troop 0.004649
armenian 0.004649
parti 0.004649
european 0.004377
afghan 0.004377
fridai 0.004105
attack 0.004105
datelin 0.004105
rebel 0.004105
cooper 0.004105
tass 0.004105
communist 0.003833
western 0.003833
secur 0.003833
embassi 0.003833
minist 0.003833
republ 0.003833
report 0.003833
citi 0.003833
relat 0.003561
itali 0.003561
izvestia 0.003561
disast 0.003561
reduct 0.003289
map 0.003289

Topic 78th:

william 0.016564
bar 0.015188
seri 0.013352
roseann 0.011517
barret 0.010599
produc 0.007387
star 0.006929
rona 0.006929
script 0.006470
season 0.005552
co 0.005093
writer 0.004634
explain 0.004634
interview 0.004634
final 0.004175
maintain 0.004175
talent 0.003717
werner 0.003717
product 0.003717
abc 0.003717

quit 0.003258
compani 0.003258
creator 0.003258
writ 0.003258
credit 0.003258
mat 0.003258
occur 0.002799
stai 0.002799
didn 0.002799
creativ 0.002799
nam 0.002799
tartikof 0.002340
hit 0.002340
struggle 0.002340
describ 0.002340
stress 0.002340
assum 0.002340
decemb 0.002340
not 0.002340
comedian 0.002340
agent 0.001881
differ 0.001881
reportedli 0.001881
type 0.001881
alter 0.001881
appreci 0.001881
deepli 0.001881
claim 0.001881
spotlight 0.001881
ago 0.001881

Topic 79th:

nuclear 0.020995
weapon 0.015045
unit 0.014478
missil 0.013912
plant 0.012778
chemic 0.012495
world 0.011645
confer 0.011645
energi 0.011362
libya 0.010795
crisi 0.009095
nation 0.008528
cuba 0.008528
particip 0.007678
cuban 0.007112
foreign 0.007112
depart 0.006545

libyan 0.006545
militari 0.006262
power 0.006262
defens 0.005695
iran 0.005695
meet 0.005412
arm 0.005412
american 0.005412
arab 0.005128
kadafi 0.004845
bomb 0.004278
product 0.004278
resolut 0.004278
reactor 0.004278
khrushchev 0.003995
mcnamara 0.003995
washington 0.003995
kennedi 0.003995
attack 0.003712
former 0.003428
countri 0.003428
leader 0.003428
deleg 0.003428
relat 0.003428
told 0.003145
soviet 0.003145
offici 0.003145
produc 0.003145
oil 0.003145
account 0.003145
urg 0.003145
war 0.002862
gulf 0.002862

Topic 80th:

exchang 0.023403
chicago 0.022978
futur 0.015758
trade 0.015333
trader 0.014484
trad 0.012360
commod 0.011510
board 0.011086
price 0.011086
contract 0.010661
pit 0.009387
market 0.007263
investig 0.006414
deal 0.006414

thornburgh 0.005564
broker 0.004715
range 0.004290
fbi 0.003865
alleg 0.003865
subpoena 0.003865
critic 0.003865
exempl 0.003865
sell 0.003865
merc 0.003865
mercantil 0.003865
risk 0.003440
trend 0.003016
farmer 0.003016
reduc 0.003016
fortun 0.002591
floor 0.002591
seate 0.002591
record 0.002166
quick 0.002166
hundr 0.002166
pace 0.002166
carri 0.002166
corn 0.002166
ensur 0.002166
undercov 0.001741
reput 0.001741
sundai 0.001741
probe 0.001741
date 0.001741
green 0.001741
intellig 0.001741
special 0.001741
center 0.001741
attract 0.001741
boom 0.001741

Topic 81th:

headlin 0.120467
length 0.116169
text 0.114449
type 0.110628
word 0.056274
subject 0.043378
bylin 0.040226
brief 0.025228
column 0.024560
nation 0.018159
datelin 0.012714

report 0.012332
wire 0.011473
new 0.010422
press 0.008320
intern 0.007365
servic 0.006887
morn 0.006123
people 0.005263
macmin 0.005263
aleen 0.005263
time 0.005072
mondai 0.004308
offici 0.004308
entertain 0.004308
digest 0.003831
art 0.003162
feb 0.003066
newswir 0.003066
held 0.003066
week 0.002971
world 0.002875
nam 0.002684
five 0.002493
chief 0.002493
ap 0.002398
includ 0.002016
dai 0.001633
eight 0.001633
letter 0.001538
america 0.001442
spokesman 0.001347
oper 0.001251
central 0.001060
local 0.000965
remain 0.000965
month 0.000965
announc 0.000965
former 0.000965
respons 0.000965

Topic 82th:

heart 0.015285
diseas 0.011366
campbell 0.010930
fate 0.010495
tobacco 0.010059
food 0.007446
calori 0.006576
label 0.006576

cholesterol 0.006140
product 0.006140
soup 0.005705
total 0.005705
list 0.005269
health 0.005269
advertis 0.004834
gram 0.004834
mouth 0.004398
science 0.004398
research 0.004398
form 0.004398
cancer 0.003963
consum 0.003963
ad 0.003963
sodium 0.003963
gee 0.003527
weight 0.003527
smok 0.003527
style 0.003527
milligram 0.003092
ingredi 0.003092
flavor 0.003092
diet 0.003092
francisco 0.003092
reduc 0.002656
american 0.002656
complaint 0.002656
examin 0.002656
spokeswoman 0.002656
sought 0.002656
page 0.002656
guidelin 0.002656
exampl 0.002656
meal 0.002656
chew 0.002656
link 0.002656
stroke 0.002656
ounce 0.002656
associ 0.002221
snuf 0.002221
male 0.002221

Topic 83th:

citi 0.029113
worker 0.014810
asbesto 0.013888
offici 0.011581
house 0.009274

plant 0.006967
remov 0.006505
permit 0.006044
histor 0.005583
ceil 0.005121
lee 0.005121
control 0.005121
cancer 0.004660
employe 0.004660
demolit 0.004660
dust 0.004199
juli 0.004199
six 0.004199
report 0.004199
plastic 0.003737
clos 0.003737
richard 0.003737
told 0.003737
build 0.003276
sewag 0.002814
cloth 0.002814
expos 0.002814
facil 0.002814
contractor 0.002814
particl 0.002353
seal 0.002353
protect 0.002353
list 0.002353
hazard 0.002353
time 0.002353
agree 0.002353
properti 0.002353
exposur 0.002353
treatment 0.002353
mckinlei 0.002353
vallei 0.002353
mansion 0.001892
manag 0.001892
stop 0.001892
loma 0.001892
action 0.001892
sheet 0.001892
condition 0.001892
contain 0.001892
halt 0.001892

Topic 84th:

raider 0.014598
stadium 0.010806

irwindal 0.010174
coliseum 0.007015
corp 0.006383
miranda 0.002591
project 0.002591
prefer 0.002591
dec 0.002591
wildlif 0.002591
breach 0.001959
regist 0.001959
annual 0.001959
suddenli 0.001959
reich 0.001959
strike 0.001959
hung 0.001327
upper 0.001327
billi 0.001327
forev 0.001327
evalu 0.001327
parliam 0.001327
slick 0.001327
memor 0.001327
oct 0.001327
auction 0.001327
retard 0.001327
palm 0.001327
listen 0.001327
pos 0.001327
baja 0.001327
improp 0.001327
showman 0.001327
fled 0.001327
davi 0.001327
languag 0.001327
missionari 0.001327
tap 0.001327
sue 0.001327
arisen 0.001327
facil 0.001327
headlin 0.001327
mylod 0.001327
civic 0.001327
alcohol 0.001327
activ 0.001327
step 0.001327
offici 0.001327
editor 0.001327
hit 0.001327

Topic 85th:

car 0.020177
fire 0.019617
driver 0.016819
train 0.014580
cross 0.012901
injur 0.012341
hit 0.011781
accid 0.009823
caus 0.009263
children 0.008423
burn 0.008423
suffer 0.007864
block 0.007304
driv 0.007304
struck 0.007304
damag 0.007024
injuri 0.006744
graphic 0.006185
build 0.005905
bu 0.005345
stop 0.005065
park 0.005065
santa 0.005065
run 0.005065
vehicl 0.005065
track 0.004785
truck 0.004785
traffic 0.004506
railroad 0.004506
help 0.004226
morn 0.004226
collid 0.004226
lane 0.004226
firefight 0.003946
cause 0.003946
thursdai 0.003946
hospit 0.003946
condition 0.003666
house 0.003666
highwai 0.003666
near 0.003666
hurt 0.003666
minor 0.003666
crash 0.003666
safeti 0.003666
scene 0.003386
bentsen 0.003386

determin 0.003386
light 0.003386
passeng 0.003106

Topic 86th:

dance 0.015043
sud 0.009874
canada 0.007806
fridai 0.006255
velasco 0.005221
allow 0.004704
limit 0.004704
beer 0.004704
breweri 0.004704
train 0.004187
choreographi 0.004187
choreograph 0.004187
danc 0.003670
ballet 0.003153
royal 0.003153
canadian 0.003153
convent 0.003153
movem 0.002636
cramer 0.002636
dancer 0.002636
audienc 0.002636
save 0.002636
passion 0.002120
dee 0.002120
lyceum 0.002120
columbia 0.002120
cindi 0.002120
extend 0.002120
advoc 0.002120
ucla 0.002120
compell 0.002120
movie 0.002120
appropri 0.001603
interpret 0.001603
segal 0.001603
date 0.001603
immigr 0.001603
bone 0.001603
faster 0.001603
instant 0.001603
quin 0.001603
form 0.001603
act 0.001603
thrown 0.001603

change 0.001603
led 0.001603
idea 0.001603
altogeth 0.001603
licens 0.001603
purpos 0.001603

Topic 87th:

time 0.035426
people 0.016776
don 0.015684
dai 0.015029
re 0.012190
graphic 0.011753
look 0.011710
bylin 0.011273
text 0.011011
headlin 0.009002
call 0.008827
photo 0.008696
length 0.008565
little 0.008521
lot 0.007997
ve 0.007910
own 0.007866
didn 0.007298
feel 0.006949
week 0.006949
home 0.006862
hand 0.006818
start 0.006774
word 0.006469
try 0.006032
writer 0.005901
type 0.005901
ll 0.005464
john 0.005377
happen 0.005246
subject 0.005202
person 0.005071
life 0.005071
doesn 0.004896
told 0.004809
run 0.004809
staf 0.004678
help 0.004590
friend 0.004547
won 0.004547
tell 0.004285

left 0.004285
line 0.004241
world 0.004110
gui 0.004110
hard 0.004066
talk 0.003979
mean 0.003935
wasn 0.003804
believ 0.003761

Topic 88th:

set 0.021423
court 0.016331
lendl 0.014972
mcenroe 0.014633
match 0.013614
plai 0.010898
australian 0.009880
defeat 0.009201
tournam 0.008861
winner 0.008861
tenni 0.008522
edberg 0.007843
minut 0.006145
seed 0.006145
serve 0.005806
datelin 0.005806
cash 0.005806
backhand 0.005466
player 0.005127
round 0.004787
won 0.004787
graf 0.004787
australia 0.004448
krickstein 0.004448
third 0.004108
grand 0.004108
slam 0.004108
hit 0.004108
ivanisev 0.003769
quarterfin 0.003769
meet 0.003769
lost 0.003429
past 0.003429
victori 0.003090
semifin 0.003090
becker 0.003090
event 0.003090
thoma 0.003090

feel 0.003090
american 0.003090
fourth 0.002750
qualifi 0.002750
final 0.002750
rank 0.002750
top 0.002750
steffi 0.002750
vollei 0.002750
abil 0.002411
cross 0.002411
pate 0.002411

Topic 89th:

contract 0.045004
agree 0.012452
negoti 0.010902
million 0.010385
arbitr 0.007802
sign 0.007802
salari 0.007285
agreem 0.006769
page 0.006252
wednesdai 0.005219
fil 0.005219
term 0.004702
greg 0.004185
cover 0.003668
offer 0.003668
reach 0.003668
raise 0.003668
pakistan 0.003152
california 0.003152
signatur 0.003152
lack 0.003152
bylin 0.003152
final 0.002635
remain 0.002635
twin 0.002635
blank 0.002118
deputi 0.002118
miller 0.002118
make 0.002118
earn 0.002118
bat 0.002118
relief 0.002118
davi 0.002118
san 0.002118
dick 0.002118

didn 0.002118
manag 0.002118
feb 0.002118
separ 0.002118
joyner 0.002118
reconsid 0.002118
verbal 0.001602
attach 0.001602
ortiz 0.001602
deadlin 0.001602
unfortun 0.001602
chili 0.001602
dou gla 0.001602
session 0.001602
head 0.001602

Topic 90th:

lawsuit 0.015414
harbor 0.011223
settlem 0.010292
lawn 0.009826
heidi 0.007032
involv 0.006566
cohen 0.006566
cremat 0.006566
alleg 0.006100
defend 0.005635
class 0.005169
deal 0.004703
debt 0.004238
brazil 0.004238
delai 0.004238
forward 0.004238
payment 0.004238
fund 0.004238
plaintif 0.003772
origin 0.003772
claim 0.003772
file 0.003772
creditor 0.003772
determin 0.003772
funer 0.003772
distress 0.003306
design 0.003306
negoti 0.003306
collect 0.003306
demand 0.003306
emotion 0.002841
action 0.002841

unusu 0.002841
factor 0.002841
moratorium 0.002841
individu 0.002841
su 0.002841
protect 0.002841
mcmullen 0.002841
damag 0.002841
bai 0.002841
fair 0.002841
charge 0.002375
flyn 0.002375
litig 0.002375
remain 0.002375
question 0.002375
park 0.002375
legal 0.002375
arrang 0.002375

Topic 91th:

presid 0.045602
bush 0.039808
reagan 0.031309
house 0.022038
unit 0.013346
elect 0.010836
nation 0.010256
white 0.010063
george 0.009484
washington 0.008904
congress 0.008904
inaugur 0.008518
administr 0.007745
foreign 0.007552
republican 0.007552
issue 0.006586
offic 0.006586
poll 0.006586
favor 0.006586
leader 0.006586
baker 0.006200
america 0.006200
datelin 0.006200
senat 0.006007
war 0.005621
secretari 0.005427
vice 0.005234
conserv 0.005041
quayle 0.004848

polici 0.004655
table 0.004655
relat 0.004655
ronald 0.004655
suggest 0.004462
aid 0.004462
soviet 0.004075
oppos 0.003689
world 0.003689
gorbachev 0.003496
capitol 0.003496
time 0.003303
barbara 0.003110
rep 0.003110
campaign 0.003110
american 0.003110
shultz 0.003110
cold 0.003110
appoint 0.002917
address 0.002917
advis 0.002917

Topic 92th:

court 0.046328
judge 0.025618
prison 0.018769
sentenc 0.017465
attorney 0.016160
lawyer 0.014203
murder 0.013551
trial 0.012573
death 0.011920
rul 0.010779
wit 0.009148
hear 0.008985
appeal 0.008985
convict 0.008985
inform 0.008170
suit 0.008170
testifi 0.007681
defend 0.007354
prosecutor 0.007354
accus 0.007028
defens 0.006865
legal 0.006376
testimoni 0.006050
suprem 0.006050
justic 0.006050
inmat 0.006050

law 0.006050
district 0.005887
counti 0.005398
evid 0.005398
crime 0.005234
superior 0.005234
deni 0.004908
alleg 0.004745
deputi 0.004419
time 0.004419
atti 0.004256
row 0.004093
prosecut 0.004093
charg 0.003604
claim 0.003441
dismiss 0.003441
act 0.003441
tuesdai 0.003115
told 0.003115
kill 0.002952
rader 0.002952
jame 0.002952
woman 0.002952
confess 0.002952

Topic 93th:

cavali 0.016636
knee 0.010828
quarter 0.009583
pick 0.008754
nba 0.008339
cleveland 0.007924
seattle 0.007509
price 0.006679
rest 0.006679
philadelphia 0.006265
draft 0.006265
clipper 0.006265
associ 0.005435
harper 0.005435
denver 0.005020
man 0.005020
dalla 0.005020
mondai 0.004605
road 0.004605
detroit 0.004605
charlott 0.004605
larri 0.004190
hornet 0.004190

warrior 0.004190
camp 0.004190
atlanta 0.004190
knick 0.004190
hawk 0.004190
george 0.003775
sun 0.003775
phoenix 0.003775
danni 0.003775
injuri 0.003775
rookie 0.003775
daugherti 0.003775
buck 0.003775
elli 0.003360
tripucka 0.002946
dali 0.002946
york 0.002946
sent 0.002946
wilken 0.002946
superson 0.002946
rambi 0.002946
antonio 0.002946
grinker 0.002531
injur 0.002531
ron 0.002531
advis 0.002531
sacramento 0.002531

Topic 94th:

airlin 0.023383
flight 0.019811
engin 0.018712
prime 0.015415
threate 0.015140
pan 0.013766
am 0.012667
mai 0.012117
plane 0.011293
passeng 0.009919
system 0.009919
american 0.009644
bomb 0.009370
crew 0.008820
airport 0.008545
boe 0.007996
british 0.007996
spokesman 0.007446
air 0.007446
delta 0.007172

datelin 0.006897
airplan 0.005523
inform 0.005523
england 0.005248
aircraft 0.005248
eastern 0.004699
wednesdai 0.004699
safeti 0.004424
believ 0.004424
reserv 0.004149
pilot 0.004149
fridai 0.003874
ireland 0.003874
carrier 0.003874
scotland 0.003599
dun 0.003599
lebow 0.003599
land 0.003599
warn 0.003599
accid 0.003325
crash 0.003325
york 0.003325
attend 0.003325
shut 0.003050
london 0.003050
union 0.003050
david 0.003050
hunt 0.003050
fly 0.003050
carri 0.002775

Topic 95th:

game 0.050355
scor 0.022683
lead 0.020362
shot 0.020094
plai 0.017773
half 0.015631
headlin 0.011792
text 0.011435
bylin 0.011078
length 0.010899
victori 0.010453
left 0.010275
led 0.010007
type 0.009560
fullerton 0.009471
minut 0.009382
time 0.008846

throw 0.008579
team 0.008579
season 0.008221
rebound 0.007864
free 0.007686
night 0.007597
win 0.007329
word 0.006882
ball 0.006615
stori 0.006525
miss 0.006258
coach 0.006168
third 0.006079
start 0.006079
straight 0.006079
record 0.005990
remain 0.005901
beate 0.005811
run 0.005633
confer 0.005543
won 0.005454
foul 0.005365
loss 0.005008
guard 0.005008
santa 0.004919
hit 0.004740
overal 0.004562
pointer 0.004562
foot 0.004472
center 0.004383
score 0.004383
averag 0.004294
defens 0.004294

Topic 96th:

drexel 0.026088
lowell 0.015280
michael 0.014788
milken 0.012332
letter 0.012332
brother 0.011349
hill 0.007419
shad 0.007419
lambert 0.005945
foundat 0.005945
burnham 0.005453
sec 0.005453
bond 0.004962
junk 0.004962

armstrong 0.004962
house 0.004471
york 0.004471
serv 0.004471
firm 0.004471
winfield 0.003980
job 0.003980
joseph 0.003980
beverli 0.002997
length 0.002997
consist 0.002997
built 0.002506
steinbrenn 0.002506
potenti 0.002506
half 0.002506
force 0.002506
join 0.002506
secur 0.002506
worker 0.002506
imagin 0.002506
fernando 0.002014
settle 0.002014
inadequ 0.002014
record 0.002014
approach 0.002014
mike 0.002014
wall 0.002014
headlin 0.002014
desk 0.002014
violat 0.002014
hutton 0.001523
bonu 0.001523
promis 0.001523
hold 0.001523
larger 0.001523
scot 0.001523

Topic 97th:

de 0.021813
avenu 0.015662
champ 0.012823
french 0.011403
pari 0.008091
la 0.007145
street 0.006672
le 0.005252
american 0.004779
rosa 0.004779
bank 0.004306

palo 0.004306
name 0.004306
centuri 0.004306
town 0.004306
france 0.003833
giant 0.003833
releas 0.002886
limit 0.002886
root 0.002886
foot 0.002886
napoleon 0.002413
democrat 0.002413
path 0.002413
rai 0.002413
modern 0.001940
suburb 0.001940
royal 0.001940
fashion 0.001940
system 0.001940
jean 0.001940
v 0.001940
loui 0.001940
headquart 0.001940
comment 0.001940
genre 0.001467
brick 0.001467
arc 0.001467
chic 0.001467
pedestrian 0.001467
planner 0.001467
oceansid 0.001467
class 0.001467
honor 0.001467
lin 0.001467
owner 0.001467
bottom 0.001467
glori 0.001467
eugen 0.001467
insid 0.001467

Topic 98th:

saturdai 0.011885
wind 0.011546
sundai 0.011546
cold 0.011207
bird 0.009514
mountain 0.009514
rain 0.009514
temperatur 0.009514

degree 0.009514
california 0.008837
weather 0.008499
snow 0.008160
record 0.008160
coast 0.007483
count 0.007144
low 0.006467
expect 0.006129
night 0.006129
wednesdai 0.005451
hai 0.005451
southern 0.005451
ski 0.005113
northern 0.005113
shelter 0.004774
time 0.004774
found 0.004774
weekend 0.004774
forecast 0.004436
near 0.004436
morn 0.004097
speci 0.004097
spot 0.003758
system 0.003758
storm 0.003758
resort 0.003758
five 0.003758
below 0.003758
north 0.003758
drop 0.003420
santa 0.003420
freez 0.003081
thursdai 0.003081
winter 0.003081
mov 0.003081
game 0.002743
zero 0.002743
fridai 0.002743
rescuer 0.002743
inch 0.002743
ana 0.002743

Topic 99th:

art 0.030751
film 0.021007
plai 0.016134
director 0.013698
artist 0.013324

museum 0.009951
actor 0.009763
review 0.009201
theater 0.009014
product 0.008264
exhibit 0.008264
pictur 0.006390
theatre 0.006203
imag 0.005641
stage 0.005453
role 0.005078
screen 0.004891
color 0.004704
paint 0.004704
critic 0.004704
produc 0.004704
feb 0.004516
organ 0.004516
scene 0.004516
photograph 0.004329
woman 0.004141
festiv 0.004141
cast 0.004141
charact 0.004141
graphic 0.003954
perform 0.003954
american 0.003954
life 0.003954
love 0.003767
stori 0.003767
globe 0.003767
robert 0.003579
jan 0.003392
sundai 0.003392
galleri 0.003204
mako 0.003204
direct 0.003204
bylin 0.003204
march 0.003204
studio 0.003017
comedi 0.003017
piece 0.003017
movie 0.003017
contemporari 0.003017
playwright 0.003017

We can see that the words which are related as groped together.