

# Homework4

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## 1 导入第三方库

```
library(data.table)
library(jiebaR)
```

```
## Warning: 程辑包'jiebaR'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: jiebaRD
```

```
## Warning: 程辑包'jiebaRD'是用R版本4.1.3 来建造的
```

```
library(wordcloud2)
```

```
## Warning: 程辑包'wordcloud2'是用R版本4.1.3 来建造的
```

```
library(tidyverse)
```

```
## Warning: 程辑包'tidyverse'是用R版本4.1.3 来建造的
```

```
## -- Attaching packages ----- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.5      v purrr   0.3.4
```

```
## v tibble  3.1.6      v dplyr   1.0.8
```

```
## v tidyr   1.2.0      v stringr 1.4.0
```

```
## v readr   2.1.2      v forcats 0.5.1
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::between() masks data.table::between()
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::first() masks data.table::first()
```

```
## x dplyr::lag() masks stats::lag()
```

```
## x dplyr::last() masks data.table::last()
```

```
## x purrr::transpose() masks data.table::transpose()
```

```
library(tm)
```

```
## Warning: 程辑包'tm'是用R版本4.1.3 来建造的
```

```
## 载入需要的程辑包: NLP
```

```
##
```

```
## 载入程辑包: 'NLP'
```

```
## The following object is masked from 'package:ggplot2':
```

```
##
```

```
##      annotate
```

```
library(e1071)
```

```
## Warning: 程辑包'e1071'是用R版本4.1.3 来建造的
```

## 2 路径设置

```
setwd("D:/Study/DSBI/Task4")
```

## 3 读入原始数据

```
sms.raw <- fread("Chinese_SMS.txt", sep="\t", header=FALSE, encoding="UTF-8")
```

```
colnames(sms.raw) <- c("type", "sms") # 添加列名
```

```
str(sms.raw)
```

```
## Classes 'data.table' and 'data.frame': 800000 obs. of 2 variables:
```

```
## $ type: int 0 1 0 0 0 0 1 0 1 0 ...
```

```
## $ sms : chr "商业秘密的秘密性那是维系其商业价值和垄断地位的前提条件之一" "南口阿玛
```

```
## - attr(*, ".internal.selfref")=<externalptr>
```

```
sms.raw$type <- factor(sms.raw$type) # type 转换为因子数据
table(sms.raw$type)
```

```
##
##      0      1
## 720000 80000
```

## 4 分词

### 4.1 新建分词

```
jd_file <- scan('Chinese_SMS.txt', sep='\n', what='', encoding = "UTF-8")
seg <- qseg[jd_file] # 使用 qseg 类型分词
```

```
## Warning in `[.qseg`(qseg, jd_file): Quick mode is depreciated, and is scheduled
## to be remove in v0.11.0. If you want to keep this feature, please submit a issue
## on GitHub page to let me know.
```

```
seg <- seg[nchar(seg)>1] # 去除字符长度小于 1 的词
seg <- seg[seg != "xx"]
seg <- seg[seg != "xxx"]
seg <- seg[seg != "xxxx"]
seg <- seg[seg != "xxxxxxxxxxx"]
seg <- table(seg)
seg <- seg[!grepl('[0-9]+', names(seg))] # 过滤数字
seg <- sort(seg, decreasing = TRUE)[1:50]
```

### 4.2 词频统计

```
seg
```

```
## seg
## 手机 一个 活动 可以 我们 南京 电脑 飞机 中国 公司 自己
## 33393 24612 24181 20557 20015 17521 17491 16673 16629 16349 14789
## 没有 今天 现在 就是 设计 开始 百度 浙江 您好 医院 什么
## 13231 12816 12684 12350 12075 11587 11578 11507 11387 10867 10809
## 优惠 欢迎 时间 知道 这个 已经 还是 江苏 电话 时候 进行
## 10763 9943 9909 9804 9523 9284 9042 9015 8979 8919 8700
## 声音 咨询 真相 还有 地址 旅游 需要 投资 工作 产品 电梯
## 8629 8511 8391 8262 8219 8208 8144 8083 7989 7948 7889
## 医生 免费 机器人 推出 看到 汽车
## 7668 7360 7333 7318 7282 7129
```

### 4.3 数据选取

```
set.seed(2023)
sample.n <- 10000 # 80 万中取 1 万数据，减少训练时间
idx <- sample(1:nrow(sms.raw), sample.n)
sms.sample <- sms.raw[idx, ]
View(sms.sample)
```

### 4.4 数据清洗

```
engine <- worker(stop_word = "stop_words.utf8") # 设置停用词
engine$bylines <- TRUE
# 分词；对每个文档，将其分词结果用空格组合成一个字符串
sms.seg <- sapply(segment(sms.sample$sms, engine), str_c, collapse=" ")
# 用 tm 生成 sms 语料库，并进行清洗

# 自定义清洗函数
```

```
removeAlphabet <- function(x){
  result <- gsub("[a-zA-Z]+","",x) # 把字符串 x 中所有字母均替换为空字符串 ""
  return(result)
}

removeSingle <- function(x){
  ifelse(nchar(x)>1,x,'')
  return (x)
}
```

```
sms.corpus <-
  Corpus(VectorSource(sms.seg)) %>%
  tm_map(removePunctuation) %>%
  tm_map(removeNumbers) %>%
  tm_map(removeAlphabet)
```

```
## Warning in tm_map.SimpleCorpus(., removePunctuation): transformation drops
## documents
```

```
## Warning in tm_map.SimpleCorpus(., removeNumbers): transformation drops documents
```

```
## Warning in tm_map.SimpleCorpus(., removeAlphabet): transformation drops
## documents
```

## 4.5 创建单词矩阵

```
sms.dtm <- DocumentTermMatrix(sms.corpus)

inspect(sms.dtm)
```

```
## <<DocumentTermMatrix (documents: 10000, terms: 25552)>>
## Non-/sparse entries: 82876/255437124
```

```
## Sparsity          : 100%
## Maximal term length: 11
## Weighting         : term frequency (tf)
## Sample            :
##          Terms
## Docs   号 会 活动 南京 年 日 手机 一个 元 月
##   405   0 0   0   0 0 2   0   0 0 3
##  5074   0 0   0   0 2 0   0   0 0 0
##  5439   1 0   0   0 1 0   0   0 5 4
##  5673   0 0   0   0 0 0   0   0 11 0
##  6714   0 0   0   0 0 3   0   0 3 1
##  7254   0 0   0   0 0 0   0   0 0 0
##  8326   0 0   3   0 0 0   0   0 1 1
##  8839   0 0   1   0 1 1   0   0 0 1
##  9359   0 0   2   0 0 1   0   0 16 0
##   965   0 0   0   0 0 0   0   0 2 1
```

#### 4.6 词云制作

```
top.n <- 50
sms.tdm.df <- as.data.frame(t(as.matrix(sms.dtm)))
sms.words.freq <- data.frame(word=rownames(sms.tdm.df),
                              freq=apply(sms.tdm.df,1,sum))

sms.words.freq.top.n <- sms.words.freq %>%
  arrange(desc(freq)) %>%
  slice(1:top.n)
sms.words.freq.top.n
```

```
##          word freq
## 月          月 597
## 手机 手机 425
## 日          日 387
```

##	元	元	374
##	年	年	338
##	活动	活动	309
##	一个	一个	307
##	号	号	261
##	南京	南京	251
##	会	会	240
##	电脑	电脑	237
##	公司	公司	229
##	说	说	215
##	中国	中国	215
##	送	送	210
##	飞机	飞机	199
##	中	中	194
##	今天	今天	186
##	现在	现在	174
##	买	买	165
##	没有	没有	161
##	百度	百度	156
##	做	做	155
##	设计	设计	145
##	您好	您好	144
##	浙江	浙江	143
##	优惠	优惠	139
##	新	新	138
##	折	折	136
##	里	里	134
##	欢迎	欢迎	132
##	已经	已经	127
##	想	想	122
##	医院	医院	122
##	时间	时间	119
##	时	时	118



```
## 电话 电话 116
## 江苏 江苏 116
## 苏州 苏州 116
## 进行 进行 115
## 知道 知道 114
## 投资 投资 114
## 更 更 108
## 需要 需要 105
## 医生 医生 105
## 咨询 咨询 104
## 汽车 汽车 102
## 店 店 102
## 声音 声音 102
## 电梯 电梯 101
```

```
wordcloud2(sms.words.freq.top.n,
            fontFamily=" 微软雅黑",color="random-light",backgroundColor = "grey")
```

## 5 朴素贝叶斯

### 5.1 数据集切分

```
train_row <- sample(1:length(sms.sample$type),size = floor((length(sms.sample$type) *0.
sms_words_train <- sms.sample[train_row,]
sms_words_test <- sms.sample[-train_row,]
sms_dtm_train <- sms.dtm[train_row,]
sms_dtm_test <- sms.dtm[-train_row,]
sms_corpus_train <- sms.corpus[train_row]
sms_corpus_test <- sms.corpus[-train_row]
```

## 5.2 选取词频较高的词汇

```
sms_words_dict <- findFreqTerms(sms_dtm_train,5)
sms_corpus_freq_train <- DocumentTermMatrix(sms_corpus_train,list(dictionary = sms_words_dict))
sms_corpus_freq_test <- DocumentTermMatrix(sms_corpus_test,list(dictionary = sms_words_dict))
```

## 5.3 词汇标识

```
# 将训练集和测试集中的词用 0, 1 分别标记在文本中未出现、出现某一词汇
memory.limit(1000000)
```

```
## [1] 1e+06
```

```
convert_counts <- function(x){
  x <- ifelse(as.numeric(as.character(x))>0,1,0)
  x <- factor(x,levels = c(0,1),labels = c("No","Yes"))
  return(x)
}
sms_corpus_convert_train <- apply(sms_corpus_freq_train, MARGIN = 2, convert_counts)
sms_corpus_convert_test <- apply(sms_corpus_freq_test, MARGIN = 2, convert_counts)
```

## 5.4 分类与测试

```
sms_naiveBayes <- naiveBayes(sms_corpus_convert_train,sms_words_train$type,laplace = 1)
sms_naiveBayes
```

```
##
```

```
## Naive Bayes Classifier for Discrete Predictors
```

```
##
```

```
## Call:
```

```
## naiveBayes.default(x = sms_corpus_convert_train, y = sms_words_train$type,
##     laplace = 1)
##
## A-priori probabilities:
## sms_words_train$type
##   0   1
## 0.9 0.1
##
## Conditional probabilities:
##           一个
## sms_words_train$type      No      Yes
##           0 0.96984127 0.03047619
##           1 0.98142857 0.02142857
##
##           一个月
## sms_words_train$type      No      Yes
##           0 0.999206349 0.001111111
##           1 0.998571429 0.004285714
##
##           完工
## sms_words_train$type      No      Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           暴走
## sms_words_train$type      No      Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           设计
## sms_words_train$type      No      Yes
##           0 0.98682540 0.01349206
##           1 0.98571429 0.01714286
```

```
##
##          项目
## sms_words_train$type          No          Yes
##          0 0.995714286 0.004603175
##          1 0.967142857 0.035714286
##
##          了解
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.985714286 0.017142857
##
##          事业
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          产品
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 0.944285714 0.058571429
##
##          创业
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          吉
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          想
## sms_words_train$type          No          Yes
```

```

##          0 0.987777778 0.012539683
##          1 0.997142857 0.005714286
##
##          朋友
## sms_words_train$type          No          Yes
##          0 0.994761905 0.005555556
##          1 0.975714286 0.027142857
##
##          美
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.988571429 0.014285714
##
##          问题
## sms_words_train$type          No          Yes
##          0 0.991428571 0.008888889
##          1 0.995714286 0.007142857
##
##          上旬
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          会
## sms_words_train$type          No          Yes
##          0 0.977777778 0.02253968
##          1 0.97000000 0.03285714
##
##          拿出
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##

```

```

##          月
## sms_words_train$type      No      Yes
##          0 0.96460317 0.03571429
##          1 0.80285714 0.20000000
##
##          燃气管
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          琼花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社区
## sms_words_train$type      No      Yes
##          0 0.996984127 0.003333333
##          1 0.998571429 0.004285714
##
##          街
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.994285714 0.008571429
##
##          观
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          设计方案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          道
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          价格
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.968571429 0.034285714
##
##          市场
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 0.994285714 0.008571429
##
##          平稳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日
## sms_words_train$type          No          Yes
##          0 0.97603175 0.02428571
##          1 0.88428571 0.11857143
##
##          江苏

```

```

## sms_words_train$type      No      Yes
##          0 0.987301587 0.013015873
##          1 1.001428571 0.001428571
##
##          菜油
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运行
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          免受
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          损害
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          毒剂
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细胞
## sms_words_train$type      No      Yes
##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571

```



```
##
##          胰岛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.995714286 0.007142857
##
##          存储
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          惠普
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          搞
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.994285714 0.008571429
##
##          现在
## sms_words_train$type          No          Yes
##          0 0.98412698 0.01619048
##          1 0.97428571 0.02857143
##
##          闪存
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阵列
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一位
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          受
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          官
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          尊敬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9528571429 0.0500000000
##
##          影响力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	成为			
##	sms_words_train\$type	No	Yes	
##		0 0.994603175	0.005714286	
##		1 1.000000000	0.002857143	
##				
##	政府			
##	sms_words_train\$type	No	Yes	
##		0 0.992222222	0.008095238	
##		1 1.000000000	0.002857143	
##				
##	法官			
##	sms_words_train\$type	No	Yes	
##		0 0.996507937	0.003809524	
##		1 1.001428571	0.001428571	
##				
##	越能			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.001428571	0.001428571	
##				
##	健康人			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.001428571	0.001428571	
##				
##	关心			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.001428571	0.001428571	
##				
##	帮助			
##	sms_words_train\$type	No	Yes	
##		0 0.997142857	0.003174603	

```

##          1 0.998571429 0.004285714
##
##          需要
## sms_words_train$type          No          Yes
##          0 0.993809524 0.006507937
##          1 0.947142857 0.055714286
##
##          原来
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.001428571 0.001428571
##
##          增至
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          站
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 0.997142857 0.005714286
##
##          站点
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          路线
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          公司

```



```
##
##          东革
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国宝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          根
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          燕窝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          阿里
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 1.001428571 0.001428571
##
##          饮茶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马来西亚
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          齐名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一定
## sms_words_train$type          No          Yes
##          0 0.9966666667 0.003650794
##          1 0.994285714 0.008571429
##
##          不止
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          喜欢
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 1.001428571 0.001428571
##
##          坐在
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          抠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

电脑前			
##	sms_words_train\$type	No	Yes
##	0	0.998730159	0.001587302
##	1	1.001428571	0.001428571
##			
##	脚		
##	sms_words_train\$type	No	Yes
##	0	0.999206349	0.001111111
##	1	1.001428571	0.001428571
##			
##	几天		
##	sms_words_train\$type	No	Yes
##	0	0.998253968	0.002063492
##	1	0.998571429	0.004285714
##			
##	总统		
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.001428571	0.001428571
##			
##	死刑		
##	sms_words_train\$type	No	Yes
##	0	0.997777778	0.002539683
##	1	1.001428571	0.001428571
##			
##	没当		
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.001428571	0.001428571
##			
##	穆尔西		
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603



```

##          1 1.0014285714 0.0014285714
##
##          企业宗旨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创新
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          发扬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坚持
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          始终
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          沟通
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          诚信

```

```
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 0.994285714 0.008571429
##
##      公共交通
## sms_words_train$type      No      Yes
##      0 1.000000000 0.0003174603
##      1 1.001428571 0.0014285714
##
##      南京
## sms_words_train$type      No      Yes
##      0 0.973809524 0.026507937
##      1 0.997142857 0.005714286
##
##      设施
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      走遍
## sms_words_train$type      No      Yes
##      0 1.000000000 0.0003174603
##      1 1.001428571 0.0014285714
##
##      会馆
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      元
## sms_words_train$type      No      Yes
##      0 0.991746032 0.008571429
##      1 0.828571429 0.174285714
```

```
##
##          养生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9842857143 0.0185714286
##
##          凤缘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          包
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.994285714 0.008571429
##
##          女
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.995714286 0.007142857
##
##          学习
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.995714286 0.007142857
##
##          师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          平台
## sms_words_train$type          No          Yes
```

```

##          0 0.995238095 0.005079365
##          1 0.995714286 0.007142857
##
##          底薪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          招聘
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 0.992857143 0.010000000
##
##          提供
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.960000000 0.042857143
##
##          月薪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          现
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.978571429 0.024285714
##
##          美体
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##

```

##	美容			
##	sms_words_train\$type	No	Yes	
##		0 0.998571429	0.001746032	
##		1 0.977142857	0.025714286	
##				
##	联系人			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 0.9928571429	0.010000000	
##				
##	郭			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 0.9971428571	0.0057142857	
##				
##	食宿			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.000000000	0.0028571429	
##				
##	切入			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	强势			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.000000000	0.0028571429	
##				
##	强大			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	

```

##          1 1.001428571 0.001428571
##
##          支付宝
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          钱包
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          全世界
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          制造
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          合肥
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          展示
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          机器人

```

```

## sms_words_train$type      No      Yes
##      0 0.993015873 0.007301587
##      1 1.001428571 0.001428571
##
##      水平
## sms_words_train$type      No      Yes
##      0 0.999206349 0.001111111
##      1 1.001428571 0.001428571
##
##      女士
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 0.994285714 0.008571429
##
##      平底
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      真皮
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      长靴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      防水
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429

```

```

##
##          上去
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          下楼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不用
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          以后
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.000000000 0.002857143
##
##          停车
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          师傅
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          慢腾腾
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打车
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          正门口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滴滴
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          走到
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          马路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          默默
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##

```

##		亮片		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		大牌		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9971428571	0.0057142857	
##				
##		手工		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0000000000	0.0028571429	
##				
##		收腰		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		无袖		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		欧美		
##	sms_words_train\$type	No	Yes	
##		0 0.995079365	0.005238095	
##		1 1.000000000	0.002857143	
##				
##		花朵		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          蓬蓬
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          裙摆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连衣裙
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          钉珠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心眼儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火爆
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9928571429 0.0100000000
##
##          脾气

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		很多	
##	sms_words_train\$type	No	Yes
##		0 0.993174603	0.007142857
##		1 0.998571429	0.004285714
##			
##		拍	
##	sms_words_train\$type	No	Yes
##		0 0.997301587	0.003015873
##		1 1.000000000	0.002857143
##			
##		水军	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		花千骨	
##	sms_words_train\$type	No	Yes
##		0 0.991904762	0.008412698
##		1 1.001428571	0.001428571
##			
##		记得	
##	sms_words_train\$type	No	Yes
##		0 0.998412698	0.001904762
##		1 0.998571429	0.004285714
##			
##		评论	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571

```
##
## 马
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9985714286 0.0042857143
##
## 判
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
## 小偷
## sms_words_train$type      No      Yes
##      0 0.997142857 0.003174603
##      1 1.001428571 0.001428571
##
## 枪毙
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 立即
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9985714286 0.0042857143
##
## 超过
## sms_words_train$type      No      Yes
##      0 0.997619048 0.002698413
##      1 1.000000000 0.002857143
##
## 出现
## sms_words_train$type      No      Yes
```

```

##          0 0.995396825 0.004920635
##          1 1.001428571 0.001428571
##
##          南部
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          巨浪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          沿岸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海域
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          狂浪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福建
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##

```

##		米		
##	sms_words_train\$type	No	Yes	
##		0 0.997777778	0.002539683	
##		1 0.992857143	0.010000000	
##				
##		呼吁		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		期货		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##		股指		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##		证监会		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		全民		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 0.998571429	0.004285714	
##				
##		公费医疗		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          实现
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.000000000 0.002857143
##
##          有种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成绩
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9957142857 0.0071428571
##
##          更好
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          毕竟
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          火箭
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          确实

```



```
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      中国
## sms_words_train$type      No      Yes
##      0 0.98079365 0.01952381
##      1 0.99285714 0.01000000
##
##      加多
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      听说
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571
##
##      声音
## sms_words_train$type      No      Yes
##      0 0.989365079 0.010952381
##      1 1.001428571 0.001428571
##
##      宝更配
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      礼拜五
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
```

```
##
##          金罐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一期
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          之前
## sms_words_train$type      No      Yes
##          0 0.9955555556 0.004761905
##          1 0.998571429 0.004285714
##
##          健康
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.984285714 0.018571429
##
##          制作
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          品种
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          文章
## sms_words_train$type      No      Yes
```

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##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          模样
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          毒蘑菇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特别
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.992857143 0.010000000
##
##          一份
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9857142857 0.0171428571
##
##          上来
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          先
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.997142857 0.005714286
##

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##          医疗卡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医院
## sms_words_train$type      No      Yes
##          0 0.987460317 0.012857143
##          1 0.997142857 0.005714286
##
##          复印
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          崽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明细
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          全开
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南京站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          巡演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暴力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          林肯公园
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          近日
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          上街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岁
## sms_words_train$type          No          Yes
##          0 0.992380952 0.007936508
##          1 0.997142857 0.005714286
##
##          独自一人

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      白天
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      老人
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 1.001428571 0.001428571
##
##      高龄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一款
## sms_words_train$type      No      Yes
##      0 0.998253968 0.002063492
##      1 1.0000000000 0.002857143
##
##      作用
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 1.001428571 0.001428571
##
##      博古架
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          收纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背景墙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          起到
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          哪般
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大叔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          性感
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          惨遭
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          殴打
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          男子
## sms_words_train$type          No          Yes
##          0 0.996190476 0.004126984
##          1 1.001428571 0.001428571
##
##          空姐
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          m²
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.991428571 0.011428571
##
##          万
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 0.968571429 0.034285714
##

```



##	中心			
##	sms_words_train\$type	No	Yes	
##		0 0.993492063	0.006825397	
##		1 0.990000000	0.012857143	
##				
##	别墅			
##	sms_words_train\$type	No	Yes	
##		0 0.997301587	0.003015873	
##		1 0.995714286	0.007142857	
##				
##	坊			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##	大雁塔			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	小区			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	
##		1 0.991428571	0.011428571	
##				
##	急售			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 0.9971428571	0.0057142857	
##				
##	按揭			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	

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##          1 1.0000000000 0.0028571429
##
##          无税
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          永和
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫薇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          イ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          オ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          ケ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          コ

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      ス
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      ド
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      ラ
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      ン
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      役
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      戦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          搁置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          竜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年
## sms_words_train$type          No          Yes
##          0 0.97111111 0.02920635
##          1 0.93714286 0.06571429
##
##          建设
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.997142857 0.005714286
##
##          施工
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          论证
## sms_words_train$type          No          Yes
```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中队
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          城管
## sms_words_train$type          No          Yes
##          0 0.994603175 0.005714286
##          1 1.001428571 0.001428571
##
##          执法
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          整治
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          环境
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.998571429 0.004285714
##
##          科
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

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##          综合
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          老街
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          街道
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.000000000 0.002857143
##
##          进行
## sms_words_train$type      No      Yes
##          0 0.98936508 0.01095238
##          1 0.98714286 0.01571429
##
##          变得
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          尤为重要
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          污染
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

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```

##          1 1.0014285714 0.0014285714
##
##          祛除
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          装修
## sms_words_train$type          No          Yes
##          0 0.992380952 0.007936508
##          1 0.982857143 0.020000000
##
##          乱
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          作品
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          剧情
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          感觉
## sms_words_train$type          No          Yes
##          0 0.993492063 0.006825397
##          1 1.001428571 0.001428571
##
##          留白

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	线		
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.000000000	0.002857143
##			
##	觉得		
##	sms_words_train\$type	No	Yes
##		0 0.994761905	0.005555556
##		1 0.998571429	0.004285714
##			
##	集完		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	交警		
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##	交通		
##	sms_words_train\$type	No	Yes
##		0 0.997460317	0.002857143
##		1 1.000000000	0.002857143
##			
##	全面		
##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 0.998571429	0.004285714



```
##
##          启动
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.998571429 0.004285714
##
##          安徽
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          日起
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          行动
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.992857143 0.010000000
##
##          违法
## sms_words_train$type          No          Yes
##          0 0.996031746 0.004285714
##          1 1.001428571 0.001428571
##
##          一对
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          乞讨
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          北京地铁
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          双胞胎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          号线
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.998571429 0.004285714
##
##          地铁
## sms_words_train$type          No          Yes
##          0 0.991904762 0.008412698
##          1 0.997142857 0.005714286
##
##          亿美元
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          国能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	天津			
##	sms_words_train\$type	No	Yes	
##		0 0.998095238	0.002222222	
##		1 1.000000000	0.002857143	
##				
##	新			
##	sms_words_train\$type	No	Yes	
##		0 0.9903175	0.0100000	
##		1 0.9528571	0.0500000	
##				
##	新能源			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	有限责任			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	汽车			
##	sms_words_train\$type	No	Yes	
##		0 0.99079365	0.00952381	
##		1 0.99285714	0.01000000	
##				
##	落户			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	人类			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	

```

##          1 1.001428571 0.001428571
##
##          作出贡献
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          到底
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          夫妻
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          理想
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          这对
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          固网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基站

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影响
## sms_words_train$type      No      Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          抢通
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暴雨
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          移网
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          而断
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          退服
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```

##
##          不了
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.000000000 0.002857143
##
##          复读
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大连
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.000000000 0.0028571429
##
##          做不了
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工商
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.000000000 0.0028571429
##
##          开
## sms_words_train$type          No          Yes
##          0 0.995079365 0.005238095
##          1 0.994285714 0.008571429
##
##          执照
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没有
## sms_words_train$type          No          Yes
##          0 0.984285714 0.016031746
##          1 1.0000000000 0.002857143
##
##          诚信通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿里巴巴
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.001428571 0.001428571
##
##          供电
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          供电局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回复
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9928571429 0.0100000000
##

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##                物业
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 0.998571429 0.004285714
##
##                说
## sms_words_train$type      No      Yes
##          0 0.978888889 0.021428571
##          1 0.998571429 0.004285714
##
##                调令
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##                北上
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##
##                沉沉
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##                青云
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.001428571 0.0014285714
##
##                科普
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508

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##          1 1.0014285714 0.0014285714
##
##          谁能给
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金光党
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首页
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          二
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.990000000 0.012857143
##
##          二毛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          低价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          净货

```

```
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      命由己
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      太空
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.000000000 0.002857143
##
##      失信
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      定
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      尖椒
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      山东
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 0.992857143 0.010000000
```

```
##
##          心生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          斤
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          新菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          最大
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.994285714 0.008571429
##
##          来潮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          毛
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          油菜
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          生菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          相由
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          破产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          菠菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          葫芦
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

##	西芹			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	青椒			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	香菜			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	高			
##	sms_words_train\$type	No	Yes	
##		0 0.997460317	0.002857143	
##		1 0.985714286	0.017142857	
##				
##	黄瓜			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	到位			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	原因			
##	sms_words_train\$type	No	Yes	
##		0 0.998253968	0.002063492	

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##          1 1.001428571 0.001428571
##
##          深层
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          清洁
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          疯长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痘痘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          补水
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.000000000 0.002857143
##
##          关诗敏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唱

```



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##
##          力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          半点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发展
## sms_words_train$type          No          Yes
##          0 0.995396825 0.004920635
##          1 0.995714286 0.007142857
##
##          城市
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 0.994285714 0.008571429
##
##          分享
## sms_words_train$type          No          Yes
##          0 0.995555556 0.004761905
##          1 0.997142857 0.005714286
##
##          特别版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          估价师
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信息
## sms_words_train$type          No          Yes
##          0 0.995873016 0.0044444444
##          1 0.994285714 0.008571429
##
##          房地产
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          查询
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          汇总
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          考试成绩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          位
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.997142857 0.005714286
##

```

##	凯			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	凯发			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	发			
##	sms_words_train\$type	No	Yes	
##		0 0.997460317	0.002857143	
##		1 0.995714286	0.007142857	
##				
##	咨询			
##	sms_words_train\$type	No	Yes	
##		0 0.996984127	0.003333333	
##		1 0.941428571	0.061428571	
##				
##	大赛			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.000000000	0.002857143	
##				
##	奖金			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	席位			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 0.9985714286 0.0042857143
##
##          开战
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          正式
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 0.988571429 0.014285714
##
##          热线
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9600000000 0.0428571429
##
##          百万
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          获奖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蓄势待发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          连赢

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      不绝于耳
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      伤人
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      弄
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      弄死
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      惨剧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      报道
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571

```

```
##
##          电梯
## sms_words_train$type      No      Yes
##          0 0.989841270 0.010476190
##          1 0.998571429 0.004285714
##
##          手机
## sms_words_train$type      No      Yes
##          0 0.95603175 0.04428571
##          1 0.98285714 0.02000000
##
##          活动
## sms_words_train$type      No      Yes
##          0 0.99079365 0.00952381
##          1 0.82571429 0.17714286
##
##          第一期
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          万亩
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          人员
## sms_words_train$type      No      Yes
##          0 0.996984127 0.003333333
##          1 0.998571429 0.004285714
##
##          变
## sms_words_train$type      No      Yes
```

```

##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          台州
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          救
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          水塘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          派
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          良田
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被困
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          铲车
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搞好
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油管
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          谷歌
## sms_words_train$type      No      Yes
##          0 0.996984127 0.0033333333
##          1 1.001428571 0.001428571
##
##          亚马逊
## sms_words_train$type      No      Yes
##          0 0.9944444444 0.005873016
##          1 1.001428571 0.001428571
##
##          优势
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          没想到
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          一笔
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          下次
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          刷
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          块
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          愿
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          愿意
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          手续费

```



```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      拉到
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      来刷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赵龙
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      邮政
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9942857143 0.0085714286
##
##      一起
## sms_words_train$type      No      Yes
##      0 0.990952381 0.009365079
##      1 0.992857143 0.010000000
##
##      侦破
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

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```
##
##          化工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原材料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常州
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 1.001428571 0.001428571
##
##          盗窃
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.001428571 0.001428571
##
##          警方
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          傻
## sms_words_train$type          No          Yes
```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          微软
## sms_words_train$type          No          Yes
##          0 0.989365079 0.010952381
##          1 1.001428571 0.001428571
##
##          打开
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          系统
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 0.995714286 0.007142857
##
##          自动
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.997142857 0.005714286
##
##          软件
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.000000000 0.002857143
##
##          逼
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##

```

```
##          防护
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          下载
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 1.000000000 0.002857143
##
##          损坏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          数据
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          电影
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          花
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.997142857 0.005714286
##
##          重新
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
```

```

##          1 1.000000000 0.002857143
##
##          长时间
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          同济
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          差点
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          当年
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          研究生
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          读
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吃

```

##	sms_words_train\$type	No	Yes
##		0 0.993968254	0.006349206
##		1 0.995714286	0.007142857
##			
##		好转	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		没见	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		点儿	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		胀气	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		药	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		买	
##	sms_words_train\$type	No	Yes
##		0 0.99047619	0.00984127
##		1 0.95285714	0.05000000

```
##
## 仅此一次
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
## 再赠
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
## 券
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
## 加芬
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 升级
## sms_words_train$type      No      Yes
##      0 0.9977777778 0.002539683
##      1 0.997142857 0.005714286
##
## 喷雾
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.000000000 0.002857143
##
## 官方
## sms_words_train$type      No      Yes
```

```

##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          恭喜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          新品
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.977142857 0.025714286
##
##          旗舰店
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          晋级
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          满
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.945714286 0.057142857
##
##          独享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



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##          立减
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          美丽
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.985714286 0.017142857
##
##          苗苗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蜗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          裂变
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.985714286 0.0142857143
##
##          转
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302

```

```

##          1 0.994285714 0.008571429
##
##          面膜
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.994285714 0.008571429
##
##          不觉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广告
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          得益
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浪漫
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          达
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          难道

```

##	sms_words_train\$type	No	Yes
##		0 0.998571429 0.001746032	
##		1 1.001428571 0.001428571	
##			
##		喊道	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		急忙	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		行李	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		顶端	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		万人	
##	sms_words_train\$type	No	Yes
##		0 0.998571429 0.001746032	
##		1 1.000000000 0.002857143	
##			
##		卫视	
##	sms_words_train\$type	No	Yes
##		0 0.996031746 0.004285714	
##		1 1.001428571 0.001428571	

```
##
## 大会
## sms_words_train$type      No      Yes
##      0 0.998888889 0.001428571
##      1 1.001428571 0.001428571
##
## 害羞
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 微商
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
## 播报
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 昨日
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 横店
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 鼓掌
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          一席之地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在线
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          拥有
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 0.997142857 0.005714286
##
##          版图
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          零售
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          人民币
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```

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##          亿元
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          微博
## sms_words_train$type      No      Yes
##          0 0.996031746 0.004285714
##          1 1.001428571 0.001428571
##
##          扩散
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文字
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          新浪
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          段
## sms_words_train$type      No      Yes
##          0 0.996984127 0.003333333
##          1 0.995714286 0.007142857
##
##          腾讯
## sms_words_train$type      No      Yes
##          0 0.992698413 0.007619048

```

```

##          1 1.001428571 0.001428571
##
##          近
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          上午
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.995714286 0.007142857
##
##          大雨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          队员
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          便宜
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          修复
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          几万

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		贪点	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		优秀	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.998571429	0.004285714
##			
##		创意	
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 0.998571429	0.004285714
##			
##		国际	
##	sms_words_train\$type	No	Yes
##		0 0.994920635	0.005396825
##		1 0.982857143	0.020000000
##			
##		期待	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.970000000	0.032857143
##			
##		节	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9528571429	0.0500000000



```

##
##          获奖作品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金投赏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          体验
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.990000000 0.012857143
##
##          详情
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.985714286 0.017142857
##
##          附近
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.000000000 0.002857143
##
##          券商
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          国元
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涨幅
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          目前
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 0.997142857 0.005714286
##
##          股
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 1.0000000000 0.002857143
##
##          证券
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          领先
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          图册
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```
##          展览
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          巴塞罗那
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平面
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          目录
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西班牙
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          设计师
## sms_words_train$type      No      Yes
##          0 0.996507937 0.003809524
##          1 0.990000000 0.012857143
##
##          俄
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          处女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大学生
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          应聘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          很少
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          拒绝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          数十名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无一人

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		暗示	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		潜规则	
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##		全国	
##	sms_words_train\$type	No	Yes
##		0 0.996190476	0.004126984
##		1 0.988571429	0.014285714
##			
##		即将	
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 0.991428571	0.011428571
##			
##		大排查	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		新一轮	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714

```
##
##          隐患
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          十二万
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只能
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.000000000 0.002857143
##
##          百草
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          系列
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.997142857 0.005714286
##
##          蜂王
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          优雅
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快餐店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          本店
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9785714286 0.0242857143
##
##          欢迎您
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9742857143 0.0285714286
##
##          邻居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          倒刺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双手
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	橄榄油			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	浸泡			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	温热			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	防止出现			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	分配			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	召开			
##	sms_words_train\$type	No	Yes	
##		0 0.997460317	0.002857143	
##		1 1.001428571	0.001428571	
##				
##	座谈会			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          法院
## sms_words_train$type          No          Yes
##          0 0.992063492 0.008253968
##          1 1.000000000 0.002857143
##
##          神木
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          调动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专项
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          中旬
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          安全
## sms_words_train$type          No          Yes
##          0 0.995714286 0.004603175
##          1 0.995714286 0.007142857
##
##          百日

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		食 品 药 品	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		会 员	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.977142857	0.025714286
##			
##		你 好	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9400000000	0.0628571429
##			
##		健 身	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 0.995714286	0.007142857
##			
##		健 身 卡	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		决 定	
##	sms_words_train\$type	No	Yes
##		0 0.997936508	0.002380952
##		1 1.0000000000	0.002857143

```
##
##          厚爱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          原
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.992857143 0.010000000
##
##          发售
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          季度
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          尚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          感谢
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.987142857 0.015714286
##
##          支持
## sms_words_train$type          No          Yes
```

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##          0 0.996507937 0.003809524
##          1 0.975714286 0.027142857
##
##          改名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          旋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          时间
## sms_words_train$type          No          Yes
##          0 0.992222222 0.008095238
##          1 0.960000000 0.042857143
##
##          本会
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欧内斯特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9700000000 0.0328571429
##

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##	老		
##	sms_words_train\$type	No	Yes
##		0 0.997301587	0.003015873
##		1 0.984285714	0.018571429
##			
##	赠送		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9642857143	0.0385714286
##			
##	限量		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9814285714	0.0214285714
##			
##	额外		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9957142857	0.0071428571
##			
##	促进		
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##	反腐		
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 1.001428571	0.001428571
##			
##	国家		
##	sms_words_train\$type	No	Yes
##		0 0.995873016	0.004444444

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##          1 0.997142857 0.005714286
##
##          增长
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          财政收入
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二手房
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          大约
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          套
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.980000000 0.022857143
##
##          成交量
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          每个

```

##	sms_words_train\$type	No	Yes
##		0 0.998412698 0.001904762	
##		1 1.000000000 0.002857143	
##			
##		燕 郊	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		各 涂	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		层	
##	sms_words_train\$type	No	Yes
##		0 0.999206349 0.001111111	
##		1 0.998571429 0.004285714	
##			
##		干	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.000000000 0.0028571429	
##			
##		水 乳	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		肤 质	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

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##
##          季后赛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          过去
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          进入
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571
##
##          连续
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          马刺
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          公安局
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.001428571 0.001428571
##
##          分局
## sms_words_train$type          No          Yes

```



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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          到场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          天宁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常州市
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          民警
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          派出所
## sms_words_train$type          No          Yes
##          0 0.994761905 0.005555556
##          1 1.000000000 0.002857143
##
##          翠竹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          不出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          其实
## sms_words_train$type          No          Yes
##          0 0.995873016 0.0044444444
##          1 1.0000000000 0.002857143
##
##          玩
## sms_words_train$type          No          Yes
##          0 0.9933333333 0.006984127
##          1 0.998571429 0.004285714
##
##          花样
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          即食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后应
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妥善
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          尽快
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          开启
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.994285714 0.008571429
##
##          贮存
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食品
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          食用
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          医生
## sms_words_train$type          No          Yes
##          0 0.988571429 0.011746032
##          1 1.001428571 0.001428571
##
##          少年

```

##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		救救	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		求	
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 1.000000000	0.002857143
##			
##		生命危险	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		重	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143
##			
##		面临	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		反馈	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```
##
##          建议您
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          意见
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          版本
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          私信
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          义工
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          云霄县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          参加
## sms_words_train$type          No          Yes
```

```

##          0 0.994285714 0.006031746
##          1 0.977142857 0.025714286
##
##          同学
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          吴江
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          敬老院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          来到
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          福建省
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          铃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	阳下		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	好处费		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	学员		
##	sms_words_train\$type	No	Yes
##	0	0.999206349	0.001111111
##	1	0.998571429	0.004285714
##			
##	支付		
##	sms_words_train\$type	No	Yes
##	0	0.999047619	0.001269841
##	1	0.998571429	0.004285714
##			
##	教练		
##	sms_words_train\$type	No	Yes
##	0	0.999206349	0.001111111
##	1	1.000000000	0.002857143
##			
##	企业		
##	sms_words_train\$type	No	Yes
##	0	0.996190476	0.004126984
##	1	0.988571429	0.014285714
##			
##	家入		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          平均数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          榜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北京
## sms_words_train$type          No          Yes
##          0 0.994126984 0.006190476
##          1 0.998571429 0.004285714
##
##          叶子
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          哪些项目
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          擅长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          整形

```



```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      李明
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      告别
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      度
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 0.997142857 0.005714286
##
##      明天
## sms_words_train$type      No      Yes
##      0 0.995079365 0.005238095
##      1 0.987142857 0.015714286
##
##      苏州
## sms_words_train$type      No      Yes
##      0 0.987777778 0.012539683
##      1 0.998571429 0.004285714
##
##      高温
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 1.001428571 0.001428571

```

```
##
##          合法
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          掌握
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          滥用权力
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          防止
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          免费
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.951428571 0.051428571
##
##          地区
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 0.998571429 0.004285714
##
##          操作系统
## sms_words_train$type          No          Yes
```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          用户
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 0.992857143 0.010000000
##
##          房贷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          服务
## sms_words_train$type          No          Yes
##          0 0.993968254 0.006349206
##          1 0.967142857 0.035714286
##
##          消费者
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          金融机构
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          零首付
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	多起			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	建邺			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	报警			
##	sms_words_train\$type	No		Yes
##		0	0.998571429	0.001746032
##		1	1.001428571	0.001428571
##				
##	接			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	瓜农			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	任职			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	草菅人命			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          不祥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朱雀玄武
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白虎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          避
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阴阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青龙

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		专场	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9942857143	0.0085714286
##			
##		反季	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		星期六	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		混合	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		清仓	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		男女	
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 0.991428571	0.011428571

```
##
##          集团
## sms_words_train$type      No      Yes
##          0 0.995079365 0.005238095
##          1 0.998571429 0.004285714
##
##          鞋
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          世界反法西斯战争
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          举行
## sms_words_train$type      No      Yes
##          0 0.996825397 0.003492063
##          1 0.981428571 0.021428571
##
##          人民
## sms_words_train$type      No      Yes
##          0 0.996825397 0.003492063
##          1 0.997142857 0.005714286
##
##          周年
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          抗日战争
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暨
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          胜利
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          两块钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          京东
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          吃亏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天猫
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##

```



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##          耳边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起来
## sms_words_train$type          No          Yes
##          0 0.9966666667 0.003650794
##          1 0.998571429 0.004285714
##
##          成空巷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模式
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.995714286 0.007142857
##
##          烈日
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          烧烤
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          秦淮
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206

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##          1 1.0014285714 0.0014285714
##
##          骄阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再添
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          推
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          竞争者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一套
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.988571429 0.014285714
##
##          上市
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.988571429 0.014285714
##
##          件

```

##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 0.985714286 0.017142857	
##			
##		优惠	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.8700000000 0.1328571429	
##			
##		千姿	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		吊带	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		多多	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 0.9842857143 0.0185714286	
##			
##		新款	
##	sms_words_train\$type	No	Yes
##		0 0.998571429 0.001746032	
##		1 0.980000000 0.022857143	
##			
##		时尚	
##	sms_words_train\$type	No	Yes
##		0 0.999206349 0.001111111	
##		1 0.995714286 0.007142857	

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##
##      欢迎光临
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      爱戴
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      睡衣
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      美女
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 0.990000000 0.012857143
##
##      背心
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      节日快乐
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9885714286 0.0142857143
##
##      花束
## sms_words_train$type      No      Yes

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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          谢谢
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.980000000 0.022857143
##
##          送
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.877142857 0.125714286
##
##          馆
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9885714286 0.0142857143
##
##          あ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          う
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          が
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                と
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                り
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                日语
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                电脑
## sms_words_train$type      No      Yes
##                0 0.97555556 0.02476190
##                1 0.99142857 0.01142857
##
##                百度
## sms_words_train$type      No      Yes
##                0 0.984444444 0.015873016
##                1 1.001428571 0.001428571
##
##                输入法
## sms_words_train$type      No      Yes
##                0 0.9996825397 0.0006349206
##                1 1.0014285714 0.0014285714
##
##                難
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          一段时间
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          反病毒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          引擎
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          情况
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.998571429 0.004285714
##
##          更新
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.000000000 0.002857143
##
##          检查
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.000000000 0.002857143
##
##          管家

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		隔	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##		一年	
##	sms_words_train\$type	No	Yes
##		0 0.998253968 0.002063492	
##		1 0.971428571 0.031428571	
##			
##		之际	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9900000000 0.0128571429	
##			
##		假期	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0000000000 0.0028571429	
##			
##		加入	
##	sms_words_train\$type	No	Yes
##		0 0.998412698 0.001904762	
##		1 0.991428571 0.011428571	
##			
##		卡	
##	sms_words_train\$type	No	Yes
##		0 0.998253968 0.002063492	
##		1 0.971428571 0.031428571	



```
##
##          名 额
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          开 门
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          快 快
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          推 出
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.960000000 0.042857143
##
##          收 到
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          新 年
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.980000000 0.0228571429
##
##          新 春
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          春
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          春节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          特惠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9785714286 0.0242857143
##
##          结束
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.997142857 0.005714286
##
##          迎接
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          事前
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          合算
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比较
## sms_words_train$type      No      Yes
##          0 0.997301587 0.003015873
##          1 0.994285714 0.008571429
##
##          租赁
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          认为
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          设备
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.994285714 0.008571429
##
##          两篇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云
## sms_words_train$type      No      Yes
##          0 0.996507937 0.003809524

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```

##          1 1.000000000 0.002857143
##
##          写
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          已经
## sms_words_train$type          No          Yes
##          0 0.98571429 0.01460317
##          1 0.99142857 0.01142857
##
##          曾经
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          空间
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.998571429 0.004285714
##
##          转移
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          中专
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          办实事

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		宗旨	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		就业	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.997142857	0.005714286
##			
##		就业指导	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		岗位	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##		毕业生	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		出售	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 0.990000000	0.012857143

```
##
##          勿扰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          华府
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          平米
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9828571429 0.0200000000
##
##          有意者
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          楼层
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          现房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          联系
## sms_words_train$type          No          Yes
```

```

##          0 0.999047619 0.001269841
##          1 0.930000000 0.072857143
##
##          金茂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阳面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          非诚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          全息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全球
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.997142857 0.005714286
##
##          无缆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          表明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          计算机
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          透视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          息
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          房产
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762

```



```

##          1 0.998571429 0.004285714
##
##          押
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          自建房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车位
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          外卖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          夜宵
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明白

```



```
##
##      上岸
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      前
## sms_words_train$type      No      Yes
##      0 0.9944444444 0.005873016
##      1 0.987142857 0.015714286
##
##      居民
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 1.001428571 0.001428571
##
##      座位
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      数月
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      疑似
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      称
## sms_words_train$type      No      Yes
```

```

##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571
##
##          行李箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专家
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.995714286 0.007142857
##
##          五种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可怕
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          太
## sms_words_train$type          No          Yes
##          0 0.996666667 0.003650794
##          1 1.000000000 0.002857143
##
##          指出
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	标题			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	注 定			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	癌 症			
##	sms_words_train\$type	No	Yes	
##		0 0.998412698	0.001904762	
##		1 1.000000000	0.002857143	
##				
##	后 来			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##	味 道			
##	sms_words_train\$type	No	Yes	
##		0 0.998730159	0.001587302	
##		1 1.000000000	0.002857143	
##				
##	抽			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9957142857	0.0071428571	
##				
##	身 上			
##	sms_words_train\$type	No	Yes	
##		0 0.998730159	0.001587302	

```

##          1 1.001428571 0.001428571
##
##          加油
## sms_words_train$type      No      Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          好好
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          放心
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          晚安
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          睡
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          职往
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职来

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      苏州大学
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      这期
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      应用
## sms_words_train$type      No      Yes
##      0 0.997142857 0.003174603
##      1 1.001428571 0.001428571
##
##      给你
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一案
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      三家
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          代理中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          侵犯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八一电影制片厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北京市第一中级人民法院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单位
## sms_words_train$type          No          Yes
##          0 0.9966666667 0.003650794
##          1 1.0000000000 0.002857143
##
##          国内
## sms_words_train$type          No          Yes
```



```

##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          天都
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开庭审理
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          版权
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          著作权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          华为
## sms_words_train$type          No          Yes
##          0 0.993650794 0.006666667
##          1 1.000000000 0.002857143
##

```

##	小把戏			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	爱			
##	sms_words_train\$type	No	Yes	
##		0 0.996031746	0.004285714	
##		1 0.997142857	0.005714286	
##				
##	窄			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	边框			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	这种			
##	sms_words_train\$type	No	Yes	
##		0 0.996666667	0.003650794	
##		1 1.001428571	0.001428571	
##				
##	感情			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	本案			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          纠纷
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          起因于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三八妇女节
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9785714286 0.0242857143
##
##          位于
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.995714286 0.007142857
##
##          儿们
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          兴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          品牌

```



```
##
##          折
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.912857143 0.090000000
##
##          折扣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9900000000 0.0128571429
##
##          新老
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9785714286 0.0242857143
##
##          春夏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          爆
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          特在
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          直营店
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          顾客
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.950000000 0.052857143
##
##          龙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          龙大
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一天
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 0.997142857 0.005714286
##
##          一遍
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          只晴过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          手机号
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.995714286 0.007142857
##
##          换个
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          淘宝
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          火炉
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          话
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.000000000 0.002857143
##
##          说好
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遍
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381

```

```

##          1 1.001428571 0.001428571
##
##          锁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          验证
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          上演
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          世博会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传统
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          双城记
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新街口

```



```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      旗袍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有机
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      服饰
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9971428571 0.0057142857
##
##      汤永
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      演绎
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      画家
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          知名
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          米兰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          绘画
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联袂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          艺术
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          融合
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          陶玉梅
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做
## sms_words_train$type          No          Yes
##          0 0.98682540 0.01349206
##          1 0.96571429 0.03714286
##
##          病毒
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          祸害
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          好像
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          政客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权利
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```

```

##                男人
## sms_words_train$type      No      Yes
##                0 0.998888889 0.001428571
##                1 1.001428571 0.001428571
##
##                三地
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0000000000 0.0028571429
##
##                入职
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                圆满
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                培训
## sms_words_train$type      No      Yes
##                0 0.997142857 0.003174603
##                1 0.992857143 0.010000000
##
##                基准
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                帷幕
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          应届
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成都
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.998571429 0.004285714
##
##          方中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落下
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          西安
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          重庆
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          一点半

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不约
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      今天下午
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      叔叔
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      开播
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      第一集
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      继承者
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571

```

```

##
##          静音
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          佳能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出众
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          级
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.998571429 0.004285714
##
##          高画质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          完
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 0.991428571 0.011428571
##
##          总想
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          格拉斯哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          许廷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走走
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遇到
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          一审判决
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          作出
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          日前
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          此案
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          渝中区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下降
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          有所
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          代表
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222

```

```

##          1 0.998571429 0.004285714
##
##          信用社
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          客户
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.967142857 0.035714286
##
##          带路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新址
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机场
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          樵溪村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武夷山

```

```
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          飞机场
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          麻沙镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发布
## sms_words_train$type          No          Yes
##          0 0.993968254 0.006349206
##          1 1.001428571 0.001428571
##
##          台北
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          图形
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          展上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
```

```
##
##          市场总监
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第六代
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          群
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          计算
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          上滴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基金会
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          万年
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出差
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          回
## sms_words_train$type          No          Yes
##          0 0.996031746 0.004285714
##          1 1.000000000 0.002857143
##
##          爸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真是
## sms_words_train$type          No          Yes
##          0 0.995396825 0.004920635
##          1 1.001428571 0.001428571
##
##          空中飞人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          口味
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          基本
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          店
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 0.940000000 0.062857143
##
##          达到
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          人行道
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          使用
## sms_words_train$type      No      Yes
##          0 0.994285714 0.006031746
##          1 0.997142857 0.005714286
##
##          时
## sms_words_train$type      No      Yes
##          0 0.98698413 0.01333333
##          1 0.98714286 0.01571429
##
##          每日
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          自动扶梯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          主攻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农民工
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          劳务输出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          县委
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          县政府
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          庄浪

```





```
##
##          类似
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          之后
## sms_words_train$type      No      Yes
##          0 0.996825397 0.003492063
##          1 1.001428571 0.001428571
##
##          人大
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          我家
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          撕
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          相关
## sms_words_train$type      No      Yes
##          0 0.996349206 0.003968254
##          1 0.998571429 0.004285714
##
##          要点
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          列为
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          清政府
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          美食
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          贡品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钦点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          因素
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          无知
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公告
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          工作人员
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          广安市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总成绩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排名
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841

```

```

##          1 1.001428571 0.001428571
##
##          笔试
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          职位
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          外婆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          司法考试
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实验
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.000000000 0.002857143
##
##          主战

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      兵器
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      坦克
## sms_words_train$type      No      Yes
##      0 0.997619048 0.002698413
##      1 1.001428571 0.001428571
##
##      式
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.000000000 0.002857143
##
##      武装
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      歼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      现代化
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571

```

```
##
##          直升机
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航母
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          舰载机
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          装备
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          陆军
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          几类
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          形成
## sms_words_train$type      No      Yes
```

```

##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          新规会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          股票
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 1.001428571 0.001428571
##
##          融券
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          大体
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          还好
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          一直
## sms_words_train$type          No          Yes
##          0 0.994126984 0.006190476
##          1 0.992857143 0.010000000
##

```

```

##          互联网
## sms_words_train$type      No      Yes
##          0 0.995396825 0.004920635
##          1 1.001428571 0.001428571
##
##          传言
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脸书先
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅游团
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          每次
## sms_words_train$type      No      Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          看到
## sms_words_train$type      No      Yes
##          0 0.988888889 0.011428571
##          1 1.000000000 0.002857143
##
##          里
## sms_words_train$type      No      Yes
##          0 0.98666667 0.01365079

```



```

##          1 0.99285714 0.01000000
##
##          代发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          低于
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          保单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          央行
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          工资
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9957142857 0.0071428571
##
##          帐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          当天

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 0.9728571429	0.0300000000
##			
##	房		
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 0.984285714	0.018571429
##			
##	操作		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9942857143	0.0085714286
##			
##	月息		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##	有车		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	降息		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9928571429	0.0100000000
##			
##	发红包		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```
##
##          家人
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 0.984285714 0.018571429
##
##          抢红包
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          群里
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          今生
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前世
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谈谈
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          魅族
## sms_words_train$type      No      Yes
```

```

##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          两名
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          先后
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          堵
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          家里
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          执行
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          老赖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	丝蓓			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	人字拖			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	凯特			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	女式			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	中药学			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	壮阳药			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	并未			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	

```

##          1 1.001428571 0.001428571
##
##          补肾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄秋葵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抽屉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          书展
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徐州
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.001428571 0.001428571
##
##          第五届
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          亚健康

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      人患
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      叫做
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      病症
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      同曦店
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      影城
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      影讯
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571

```

```

##
##          最新
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.997142857 0.005714286
##
##          金逸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          事
## sms_words_train$type          No          Yes
##          0 0.996031746 0.004285714
##          1 1.001428571 0.001428571
##
##          最后
## sms_words_train$type          No          Yes
##          0 0.994285714 0.006031746
##          1 0.998571429 0.004285714
##
##          超才
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明明
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          海景
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          豪华
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          超
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.998571429 0.004285714
##
##          两集
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          抢
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.984285714 0.018571429
##
##          神器
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          终于
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##

```

```
##          以下
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 0.997142857 0.005714286
##
##          价值
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 0.974285714 0.028571429
##
##          低
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.985714286 0.017142857
##
##          小康生活
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单肩
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          原价
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.985714286 0.017142857
##
##          女款
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          尼龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          推动
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          改革
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          检察院
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          省
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          管理
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.994285714 0.008571429
##
##          统一

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0000000000	0.0028571429
##			
##	事件		
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 1.001428571	0.001428571
##			
##	做了		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	南京大屠杀		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##	历史		
##	sms_words_train\$type	No	Yes
##		0 0.998095238	0.002222222
##		1 1.000000000	0.002857143
##			
##	发生地		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	史料		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
## 天
## sms_words_train$type      No      Yes
##      0 0.996031746 0.004285714
##      1 0.974285714 0.028571429
##
## 对话
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
## 寻访
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 幸存者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 救援
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 茶
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
## 蜂蜜
## sms_words_train$type      No      Yes
```

```

##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571
##
##          蝶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          豆花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香茅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天天
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 0.998571429 0.004285714
##
##          电脑前面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼睛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		瞎		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##		彩		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		无意		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		梁		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##		看了		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##		荣		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		词条		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          不再
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          瑞波
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美国
## sms_words_train$type          No          Yes
##          0 0.995714286 0.004603175
##          1 1.001428571 0.001428571
##
##          会同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          部门
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          青岛市

```



```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      下午
## sms_words_train$type      No      Yes
##      0 0.996507937 0.003809524
##      1 0.982857143 0.020000000
##
##      周
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9957142857 0.0071428571
##
##      嫌疑人
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 1.001428571 0.001428571
##
##      当日
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抓获
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      拐卖儿童
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          洋县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洋州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涉嫌
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          犯罪
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 1.001428571 0.001428571
##
##          雍某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传媒大学
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          新闻系
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考入
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          实拍
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          给钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跑
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          车们
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          便
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##

```

##	想到		
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##	王菲		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	这首		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	下岗		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	充值		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9971428571	0.0057142857
##			
##	普及		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	端		
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841

```
##          1 0.998571429 0.004285714
##
##          下面
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          大部分
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          按钮
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          知道
## sms_words_train$type      No      Yes
##          0 0.988571429 0.011746032
##          1 0.998571429 0.004285714
##
##          红色
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          入眠
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          千
```



```
##
##          过得
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          希望
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.994285714 0.008571429
##
##          考虑
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          一句
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          传来
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          对不起
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          收购
## sms_words_train$type          No          Yes
```

```

##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          约
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.997142857 0.005714286
##
##          计入
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          诺基
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          测试
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          评估
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##

```



##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381
##	1	0.994285714	0.008571429
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.997936508	0.002380952
##	1	1.0000000000	0.002857143
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.999206349	0.001111111
##	1	1.001428571	0.001428571
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381
##	1	0.988571429	0.014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          宝宝
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          抢救
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          浙江省
## sms_words_train$type          No          Yes
##          0 0.996666667 0.003650794
##          1 1.001428571 0.001428571
##
##          剪裁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巧思
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灵感

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	你家		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##	孩子		
##	sms_words_train\$type	No	Yes
##		0 0.993809524	0.006507937
##		1 0.991428571	0.011428571
##			
##	对代		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	园区		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0000000000	0.0028571429
##			
##	地址		
##	sms_words_train\$type	No	Yes
##		0 0.9977777778	0.002539683
##		1 0.922857143	0.080000000
##			
##	蒙自		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
## 路
## sms_words_train$type      No      Yes
##      0 0.995714286 0.004603175
##      1 0.980000000 0.022857143
##
## 金融
## sms_words_train$type      No      Yes
##      0 0.995396825 0.004920635
##      1 0.998571429 0.004285714
##
## 黄浦区
## sms_words_train$type      No      Yes
##      0 1.000000000 0.0003174603
##      1 1.001428571 0.0014285714
##
## 加班
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.001428571 0.0014285714
##
## 实习生
## sms_words_train$type      No      Yes
##      0 0.998888889 0.001428571
##      1 1.001428571 0.001428571
##
## 感受
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 1.001428571 0.001428571
##
## 军工
## sms_words_train$type      No      Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          名
## sms_words_train$type          No          Yes
##          0 0.993492063 0.006825397
##          1 0.981428571 0.021428571
##
##          员工
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.987142857 0.015714286
##
##          四川省
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          泄密
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被捕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          泰国
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          清迈
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唐
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          微信
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.994285714 0.008571429
##
##          提醒
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          更改
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模版
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          特发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老师
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.982857143 0.020000000
##
##          限于
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          预约
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9885714286 0.0142857143
##
##          一会儿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一班
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下去

```





```
##
##          坐飞机
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          急
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          掉下来
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          昨晚
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          机长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##
##          梦见
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          死
## sms_words_train$type          No          Yes
```

```

##          0 0.997777778 0.002539683
##          1 1.000000000 0.002857143
##
##          赶下
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          飞
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          飞机
## sms_words_train$type          No          Yes
##          0 0.977142857 0.023174603
##          1 1.001428571 0.001428571
##
##          工艺
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          纳米
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          芯片
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##

```

```

##          采用
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          仅
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.987142857 0.015714286
##
##          双休日
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发车
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改为
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          条
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.000000000 0.0028571429
##
##          短途
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          线路
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          回忆
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          强奸
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.001428571 0.001428571
##
##          生
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          野种
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保证

```

```
## sms_words_train$type           No           Yes
##           0 0.999047619 0.001269841
##           1 0.988571429 0.014285714
##
##           货 价
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           工 作
## sms_words_train$type           No           Yes
##           0 0.992063492 0.008253968
##           1 0.994285714 0.008571429
##
##           恤
## sms_words_train$type           No           Yes
##           0 0.9996825397 0.0006349206
##           1 1.0000000000 0.0028571429
##
##           禁 止
## sms_words_train$type           No           Yes
##           0 0.9995238095 0.0007936508
##           1 1.0014285714 0.0014285714
##
##           穿
## sms_words_train$type           No           Yes
##           0 0.999206349 0.001111111
##           1 0.998571429 0.004285714
##
##           雇 员
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
```

```
##
##          一种
## sms_words_train$type      No      Yes
##          0 0.996666667 0.003650794
##          1 1.001428571 0.001428571
##
##          商业资本
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          如今
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          上海
## sms_words_train$type      No      Yes
##          0 0.994126984 0.006190476
##          1 0.990000000 0.012857143
##
##          变迁
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外来
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实践
## sms_words_train$type      No      Yes
```

```

##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          扎根
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          文化
## sms_words_train$type          No          Yes
##          0 0.996666667 0.003650794
##          1 1.000000000 0.002857143
##
##          暑期社会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本土化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杏花楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海派
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	过程			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	
##		1 1.001428571	0.001428571	
##				
##	主管			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	保健			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	前厅			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	双			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9957142857	0.0071428571	
##				
##	大家庭			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	天堂			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	



```

##          1 1.0000000000 0.0028571429
##
##          客户经理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          开业
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 0.987142857 0.015714286
##
##          成都市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          技师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          招商
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          昭觉寺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欢迎

```

```

## sms_words_train$type      No      Yes
##                0 0.998253968 0.002063492
##                1 0.892857143 0.110000000
##
##                精英
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 0.9971428571 0.0057142857
##
##                若干名
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0000000000 0.0028571429
##
##                荆路
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302
##                1 1.0000000000 0.0028571429
##
##                诚聘
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302
##                1 1.0000000000 0.0028571429
##
##                足
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 0.9971428571 0.0057142857
##
##                足浴
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 0.9971428571 0.0057142857

```

```
##
##          车站
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          驳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          个人
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.995714286 0.007142857
##
##          卫星
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 1.001428571 0.001428571
##
##          定位
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          导航仪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搭载
## sms_words_train$type          No          Yes
```

```

##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          电动机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轮毂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中央银行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          压力
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          对冲
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

```

##          杠杆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经济
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 0.998571429 0.004285714
##
##          股市
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          背景
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          走
## sms_words_train$type          No          Yes
##          0 0.995238095 0.005079365
##          1 1.000000000 0.002857143
##
##          人物
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          比拼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          竞技
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          给出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          随机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          一男一女
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          儿童医院
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          患儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          接收

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      湘潭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      重症
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一大
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      不行
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 1.000000000 0.002857143
##
##      光临
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9442857143 0.0585714286
##
##      女人
## sms_words_train$type      No      Yes
##      0 0.997460317 0.002857143
##      1 0.957142857 0.045714286

```

```
##
##          容错过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9914285714 0.0114285714
##
##          快乐
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.964285714 0.038571429
##
##          提前
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.982857143 0.020000000
##
##          春装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          更
## sms_words_train$type          No          Yes
##          0 0.994285714 0.006031746
##          1 0.960000000 0.042857143
##
##          李艳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          波
## sms_words_train$type          No          Yes
```



```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          玫瑰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          祝您
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9571428571 0.0457142857
##
##          精彩
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9942857143 0.0085714286
##
##          美到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          装饰
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.980000000 0.022857143
##
##          超值
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9900000000 0.0128571429
##

```

```

##          钻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          直呼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真相
## sms_words_train$type          No          Yes
##          0 0.990952381 0.009365079
##          1 1.001428571 0.001428571
##
##          竟是
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          网友
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          认不出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          土匪
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          强盗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怪胎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          结合
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          钱
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 0.991428571 0.011428571
##
##          黑社会

```



```
##
##          遗憾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          仰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原文
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          反潜机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          号
## sms_words_train$type          No          Yes
##          0 0.98968254 0.01063492
##          1 0.88000000 0.12285714
##
##          外形
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          独特
## sms_words_train$type          No          Yes
```

```

##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          配图
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高新
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不停
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          人声鼎沸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劳资
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          响
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          安静
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          楼下
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          特
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 0.985714286 0.017142857
##
##          睡觉
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          起床
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          饭馆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分
## sms_words_train$type      No      Yes
##          0 0.995873016 0.0044444444

```

```

##          1 0.994285714 0.008571429
##
##          处罚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拘留
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          给予
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          罚款
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          记
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          车主
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          不耐烦

```



##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		张	
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 0.994285714	0.008571429
##			
##		整天	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		脸	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##		南通	
##	sms_words_train\$type	No	Yes
##		0 0.997619048	0.002698413
##		1 1.001428571	0.001428571
##			
##		嘉禾	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		橙天	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          高店
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大家伙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          英寸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          入手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          公务员
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刚
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.0000000000 0.002857143
##
##          加点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          料吧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          腰果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一下
## sms_words_train$type          No          Yes
##          0 0.9944444444 0.005873016
##          1 0.997142857 0.005714286
##

```

```

##          不能
## sms_words_train$type      No      Yes
##          0 0.994126984 0.006190476
##          1 0.998571429 0.004285714
##
##          哭
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          拔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          智齿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疼
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          随便
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          工商银行
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          缪剑忠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          产品开发
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          接手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          曹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          设计室
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信用度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          困难

```

##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 1.001428571 0.001428571	
##			
##		睡懒觉	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		缺乏自信	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		长相	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		任务	
##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		住宅	
##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 0.998571429 0.004285714	
##			
##		完成	
##	sms_words_train\$type	No	Yes
##		0 0.997460317 0.002857143	
##		1 1.000000000 0.002857143	

```

##
##          崇安
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          改造
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          旧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          目标
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          共谱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          喜迎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          妇女节
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 0.9885714286 0.0142857143
##
##          季
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          寇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开学
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          恋曲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          携手
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.991428571 0.011428571
##
##          斯汀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```

##          活
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          活泉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          温碧泉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          百雀羚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美肤宝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花肌粹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿道夫
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          哥
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          嗽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扭捏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          销魂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          名字
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          次
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.985714286 0.017142857
##
##          表

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      云 烨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      李 靖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      眼 光
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      质 疑
## sms_words_train$type      No      Yes
##      0 0.990952381 0.009365079
##      1 1.001428571 0.001428571
##
##      有 人
## sms_words_train$type      No      Yes
##      0 0.996666667 0.003650794
##      1 1.000000000 0.002857143
##
##      经 典
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571

```

```
##
##          苹果
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.998571429 0.004285714
##
##          诺基亚
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          铃声
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一辆
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          中
## sms_words_train$type          No          Yes
##          0 0.98317460 0.01714286
##          1 0.96000000 0.04285714
##
##          侧翻
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多吨
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意外
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.0000000000 0.002857143
##
##          突然
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 1.001428571 0.001428571
##
##          绿化带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行驶
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          装载
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          货物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          货车
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          途中
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          信用
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.995714286 0.007142857
##
##          呕心沥血
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实验室
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打造
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 0.997142857 0.005714286
##
##          现场
## sms_words_train$type      No      Yes
##          0 0.995238095 0.005079365

```

```

##          1 0.985714286 0.017142857
##
##          芝麻
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          重金
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          魔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          家具
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9857142857 0.0171428571
##
##          店老板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恶意
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          查封

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		深圳	
##	sms_words_train\$type	No	Yes
##		0 0.998412698	0.001904762
##		1 0.995714286	0.007142857
##			
##		财产	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		通缉	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		隔天	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		公交车	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		改线	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714



```
##
##          路段
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          部分
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.977142857 0.025714286
##
##          出名
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          数百人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每天
## sms_words_train$type          No          Yes
##          0 0.996666667 0.003650794
##          1 0.995714286 0.007142857
##
##          海岛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          童话
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迎客
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          咸
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          抢手货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅游
## sms_words_train$type          No          Yes
##          0 0.989841270 0.010476190
##          1 0.995714286 0.007142857
##
##          这款
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          国产
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          报告
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          效果
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          研究
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          种木
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          聚糖
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          进口
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          酶
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          回到
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          家
## sms_words_train$type      No      Yes
##          0 0.995555556 0.004761905
##          1 0.988571429 0.014285714
##
##          很想
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          诺一
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马上
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          太多了
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          租房子

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	一线		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.000000000	0.002857143
##			
##	听取		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	心声		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	细心		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	公安大学		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	心理学		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          教授
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          李玖瑾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          理科生
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          考过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          删了
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          删错
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坑爹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          档
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生怕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.997142857 0.005714286
##
##          佰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          俯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	反俩			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	堵城			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	好消息			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9842857143	0.0185714286	
##				
##	打击			
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.0011111111	
##		1 1.0000000000	0.002857143	
##				
##	点			
##	sms_words_train\$type	No	Yes	
##		0 0.992539683	0.0077777778	
##		1 0.988571429	0.014285714	
##				
##	第一次			
##	sms_words_train\$type	No	Yes	
##		0 0.996825397	0.003492063	
##		1 0.998571429	0.004285714	
##				
##	网站			
##	sms_words_train\$type	No	Yes	
##		0 0.998571429	0.001746032	



```

##          1 1.000000000 0.002857143
##
##          联盟
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          黑
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          交
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          享受
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.948571429 0.054285714
##
##          全新
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          准现房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          刚刚

```

```
## sms_words_train$type           No           Yes
##          0 0.997777778 0.002539683
##          1 0.991428571 0.011428571
##
##          区
## sms_words_train$type           No           Yes
##          0 0.997619048 0.002698413
##          1 0.995714286 0.007142857
##
##          客服
## sms_words_train$type           No           Yes
##          0 1.000000000 0.0003174603
##          1 0.997142857 0.0057142857
##
##          您好
## sms_words_train$type           No           Yes
##          0 1.000000000 0.0003174603
##          1 0.8628571429 0.1400000000
##
##          来时
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          要报
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.000000000 0.0028571429
##
##          香格里拉
## sms_words_train$type           No           Yes
##          0 1.000000000 0.0003174603
##          1 1.000000000 0.0028571429
```

```

##
##          安吉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有限公司
## sms_words_train$type          No          Yes
##          0 0.994761905 0.005555556
##          1 0.971428571 0.031428571
##
##          销售
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.970000000 0.032857143
##
##          中级法院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          从市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          记者
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          一加
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          功能
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          恰到好处
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          极致
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          美颜
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          要用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几乎
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##

```

##	含			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	0.9971428571	0.0057142857
##				
##	眼泪			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	之三			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	产生			
##	sms_words_train\$type	No		Yes
##		0	0.998730159	0.001587302
##		1	1.001428571	0.001428571
##				
##	儒雅			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	古怪			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	年轻人			
##	sms_words_train\$type	No		Yes
##		0	0.9995238095	0.0007936508

```

##          1 1.0014285714 0.0014285714
##
##          成功
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 0.997142857 0.005714286
##
##          有利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          未来
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.997142857 0.005714286
##
##          气质
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          猾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          良好
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          财富

```

```
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.994285714 0.008571429
##
##          障碍
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          非常
## sms_words_train$type          No          Yes
##          0 0.995873016 0.004444444
##          1 1.000000000 0.002857143
##
##          风度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          么哒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徐圩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```
##
##          连云港
## sms_words_train$type      No      Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          马拉松
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          鸣枪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保养
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          光蜡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凯驰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去污
## sms_words_train$type      No      Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正品
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          汽车用品
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          泡沫
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          洗车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗车液
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          液
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.998571429	0.001746032
##	1	1.001428571	0.001428571
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.991587302	0.008730159
##	1	0.998571429	0.004285714
##			
##			
##			
##	0	1.0000000000	0.0003174603

```

##          1 0.9971428571 0.0057142857
##
##          兑换
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          即可
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9671428571 0.0357142857
##
##          客户端
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          已满
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          激活
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          现金
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.9800000000 0.022857143
##
##          登入

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9957142857	0.0071428571
##			
##		礼包	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		积分	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.987142857	0.015714286
##			
##		话费	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9885714286	0.0142857143
##			
##		领取	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9928571429	0.0100000000
##			
##		一点	
##	sms_words_train\$type	No	Yes
##		0 0.9977777778	0.002539683
##		1 1.000000000	0.002857143
##			
##		凑	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```
##
##          拿太近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窝
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          过来
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.992857143 0.010000000
##
##          丢失
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          外汇管理局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狗狗
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          玉渊潭
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胡同
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          就让
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          职业
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          门户网站
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          页面
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          后面
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##

```

##	正			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 0.998571429	0.004285714	
##				
##	万元			
##	sms_words_train\$type	No	Yes	
##		0 0.997619048	0.002698413	
##		1 0.990000000	0.012857143	
##				
##	任你选			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	保障			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##	卫生			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##	双节			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##	品味			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 0.9985714286 0.0042857143
##
##          品木坊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          回家吧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          带
## sms_words_train$type          No          Yes
##          0 0.996190476 0.004126984
##          1 0.990000000 0.012857143
##
##          情浓
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          智能
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          桶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电视

```



##	sms_words_train\$type	No	Yes
##		0 0.997936508 0.002380952	
##		1 0.997142857 0.005714286	
##			
##		详	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 0.9900000000 0.0128571429	
##			
##		口号	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		专业	
##	sms_words_train\$type	No	Yes
##		0 0.996349206 0.003968254	
##		1 0.947142857 0.055714286	
##			
##		基础	
##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 0.992857143 0.010000000	
##			
##		条件	
##	sms_words_train\$type	No	Yes
##		0 0.998730159 0.001587302	
##		1 1.001428571 0.001428571	
##			
##		这是	
##	sms_words_train\$type	No	Yes
##		0 0.997777778 0.002539683	
##		1 1.001428571 0.001428571	

```

##
##          顾问
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.978571429 0.024285714
##
##          信赖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          广受
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          系列产品
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          维
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          钙
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一路
## sms_words_train$type          No          Yes

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##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          九
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          内页
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          准一金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.001428571 0.001428571
##
##          封面
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          开年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9857142857 0.0171428571
##

```

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##          跟着
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          主要
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.992857143 0.010000000
##
##          从事
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.992857143 0.010000000
##
##          办惠泽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          号惠泽工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大道
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          小姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

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##          1 0.9957142857 0.0071428571
##
##          平板
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.998571429 0.004285714
##
##          惠城区
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          惠州市
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          惠泽
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          我司
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          水口
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电器

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9928571429 0.0100000000
##
##      网址
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9914285714 0.0114285714
##
##      黄
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      不对劲
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      也许
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      依然
## sms_words_train$type      No      Yes
##      0 0.998253968 0.002063492
##      1 1.001428571 0.001428571
##
##      发现
## sms_words_train$type      No      Yes
##      0 0.990476190 0.009841270
##      1 1.001428571 0.001428571

```

```

##
##          尽量
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          废品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 1.001428571 0.001428571
##
##          最好
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 0.994285714 0.008571429
##
##          最终
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          退而求其次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那款
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偷
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          撬门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不靠
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          来源
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          爆料
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          谱
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```



```

##          上升
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          利润
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          势头
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          后续
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          延续
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          快速
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 0.990000000 0.012857143
##
##          有望
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          行业
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.000000000 0.002857143
##
##          锂电池
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中百
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          八
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          六折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          单日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          双日

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		奶粉	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9942857143	0.0085714286
##			
##		如有	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9885714286	0.0142857143
##			
##		早班	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		晚班	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		机会难得	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9928571429	0.0100000000
##			
##		购买	
##	sms_words_train\$type	No	Yes
##		0 0.997936508	0.002380952
##		1 0.957142857	0.045714286

```
##
##          速来
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          雅培
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          需求
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.991428571 0.011428571
##
##          出家人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多多益善
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少林
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          无形资产
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          显示
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          注册
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.992857143 0.010000000
##
##          贪财
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资料
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9928571429 0.010000000
##
##          奋进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航天飞机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          载
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          发表
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          可于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          录取
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          我校
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          招生网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          登录
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          确认
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          考生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          共想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对接
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          日教
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美业

```

```
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          测试阶段
## sms_words_train$type           No           Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小时
## sms_words_train$type           No           Yes
##          0 0.995079365 0.005238095
##          1 0.995714286 0.007142857
##
##          累计
## sms_words_train$type           No           Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          通话
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          不错
## sms_words_train$type           No           Yes
##          0 0.996825397 0.003492063
##          1 1.001428571 0.001428571
##
##          呦
## sms_words_train$type           No           Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
```



```

##
##          壮大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          战队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杰伦
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          粉丝
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          见面会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一览表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教师
## sms_words_train$type          No          Yes

```

```

##          0 0.999365079 0.000952381
##          1 0.997142857 0.005714286
##
##          洛阳市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特岗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面试
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          就行了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没看
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##	看看			
##	sms_words_train\$type	No	Yes	
##		0 0.998095238	0.002222222	
##		1 0.995714286	0.007142857	
##				
##	团			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##	学园			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	学院			
##	sms_words_train\$type	No	Yes	
##		0 0.998730159	0.001587302	
##		1 0.998571429	0.004285714	
##				
##	延边			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	朝鲜族			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	求是			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          浙江大学
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          社会
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.998571429 0.004285714
##
##          自治区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蓝田
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诞生
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          调研
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          赴

```

```
## sms_words_train$type           No           Yes
##           0 0.998571429 0.001746032
##           1 1.001428571 0.001428571
##
##           算 算
## sms_words_train$type           No           Yes
##           0 1.000000000 0.0003174603
##           1 1.001428571 0.0014285714
##
##           邮 费
## sms_words_train$type           No           Yes
##           0 1.000000000 0.0003174603
##           1 1.001428571 0.0014285714
##
##           十 分
## sms_words_train$type           No           Yes
##           0 0.999206349 0.001111111
##           1 1.001428571 0.001428571
##
##           态 度
## sms_words_train$type           No           Yes
##           0 0.9995238095 0.0007936508
##           1 1.001428571 0.0014285714
##
##           恶 劣
## sms_words_train$type           No           Yes
##           0 0.9995238095 0.0007936508
##           1 1.001428571 0.0014285714
##
##           检 修
## sms_words_train$type           No           Yes
##           0 0.9996825397 0.0006349206
##           1 1.001428571 0.0014285714
```

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##
##          漏水
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          反映
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          讨说法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          掉
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          秋天
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          银杏叶
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          思路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          克制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲突
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          几个
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          可能性
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          导致
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##

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##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.998412698	0.001904762
##	1	0.997142857	0.005714286
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			



```

##          1 1.0014285714 0.0014285714
##
##          哥伦比亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          托
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          活泼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清新
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          灵动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秘鲁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自在

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      农行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9900000000 0.0128571429
##
##      郑洪岩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      塔
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      扬州
## sms_words_train$type      No      Yes
##      0 0.9955555556 0.004761905
##      1 1.001428571 0.001428571
##
##      有个
## sms_words_train$type      No      Yes
##      0 0.999206349 0.001111111
##      1 0.998571429 0.004285714
##
##      老大爷
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

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##
##          问我
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东方
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.997142857 0.005714286
##
##          临顿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          股份
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          营业部
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          交流
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          团队
## sms_words_train$type          No          Yes

```

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##          0 0.997936508 0.002380952
##          1 0.991428571 0.011428571
##
##          尔西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍摄
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          旅游局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          日本
## sms_words_train$type          No          Yes
##          0 0.995396825 0.004920635
##          1 1.001428571 0.001428571
##
##          梅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          访问
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

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##	学开		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	高点		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	产业		
## sms_words_train\$type	No	Yes	
##	0	0.998571429	0.001746032
##	1	1.001428571	0.001428571
##			
##	展览业		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	带动		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	系数		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	亲情		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905

```

##          1 1.0000000000 0.0028571429
##
##          元素
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          多种
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          家庭
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.997142857 0.005714286
##
##          法律
## sms_words_train$type          No          Yes
##          0 0.995079365 0.005238095
##          1 1.001428571 0.001428571
##
##          父子情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合适
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          畸形

```

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          讽刺
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四川
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 0.997142857 0.005714286
##
##          国防
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          境外
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          策反
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          间谍
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          存在
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          抹掉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拐人村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          静悄悄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作业
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          宁波
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.997142857 0.005714286
##
##          忙
## sms_words_train$type          No          Yes
```



```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          浦口
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          清晨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          港大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          码头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舟山
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          三轮车
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          交通工具
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          化妆品
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9928571429 0.0100000000
##
##          优惠活动
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9714285714 0.0314285714
##
##          八万元
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          即日起
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          君豪
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          开发区
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          开展
## sms_words_train$type          No          Yes
##          0 0.995873016 0.0044444444
##          1 0.998571429 0.004285714
##
##          御园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          车
## sms_words_train$type          No          Yes
##          0 0.998095238 0.0022222222
##          1 0.988571429 0.014285714
##
##          青湖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.987142857 0.015714286
##
##          百度网

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		盘	
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 1.000000000	0.002857143
##			
##		保护伞	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		值得	
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 1.000000000	0.002857143
##			
##		努力	
##	sms_words_train\$type	No	Yes
##		0 0.998412698	0.001904762
##		1 1.000000000	0.002857143
##			
##		奔跑	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.000000000	0.0028571429
##			
##		泥泞	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          肯定
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          道路
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          世锦赛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          俄罗斯
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          喀山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          战幕
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拉开
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游泳
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          原油
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          外汇
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          投资
## sms_words_train$type          No          Yes
##          0 0.98841270 0.01190476
##          1 0.98714286 0.01571429
##
##          黄金
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.991428571 0.011428571
##
##          下垂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	公认			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	大象			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	形如			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	牵引			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	鼻子			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	中要			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	填满			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          方式
## sms_words_train$type      No      Yes
##          0 0.997301587 0.003015873
##          1 1.000000000 0.002857143
##
##          永远
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          现实
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          真真正正
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          着你
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          难
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          发布会

```



##	sms_words_train\$type	No	Yes
##		0 0.998730159 0.001587302	
##		1 1.001428571 0.001428571	
##			
##		控	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		节日	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 0.9957142857 0.0071428571	
##			
##		魅蓝	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##		亿	
##	sms_words_train\$type	No	Yes
##		0 0.996666667 0.003650794	
##		1 1.000000000 0.002857143	
##			
##		何止	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		国家队	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	

```
##
##          场外
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          基金
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          定制
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          援军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整装待发
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          仙草
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正在
## sms_words_train$type          No          Yes
```

```

##          0 0.995873016 0.004444444
##          1 0.990000000 0.012857143
##
##          烧
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          军向
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发动
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国民党
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缅甸政府
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		进攻		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		产权		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9971428571	0.0057142857	
##				
##		国土局		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		属		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		楼盘		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.000000000	0.002857143	
##				
##		滨海		
##	sms_words_train\$type	No	Yes	
##		0 0.997460317	0.002857143	
##		1 1.000000000	0.002857143	
##				
##		规划		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	

```

##          1 0.998571429 0.004285714
##
##          奶萨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孙策
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          应该
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.001428571 0.001428571
##
##          开封府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          版公
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相当于
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          角色

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		检测	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 0.9985714286 0.0042857143	
##			
##		联合	
##	sms_words_train\$type	No	Yes
##		0 0.998095238 0.002222222	
##		1 0.995714286 0.007142857	
##			
##		银联	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		银行卡	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0014285714 0.0014285714	
##			
##		上床	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		休息	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0000000000 0.0028571429	

```
##
##          刚才
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.995714286 0.007142857
##
##          前合
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合上
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          听到
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.000000000 0.002857143
##
##          响起
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          屏幕
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          开机
## sms_words_train$type          No          Yes
```

```

##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          恐怖片
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指示灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盖子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神经错乱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重新启动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		音		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		一站		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		佛山		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		分站赛		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		华南		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		瓷砖		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##		赛区		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          迎来
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          金句王
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千伏安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          季节性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实施
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          尖峰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工业

```

##	sms_words_train\$type	No	Yes
##		0 0.999206349 0.001111111	
##		1 0.998571429 0.004285714	
##			
##		政策	
##	sms_words_train\$type	No	Yes
##		0 0.998888889 0.001428571	
##		1 1.000000000 0.002857143	
##			
##		电价	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		该省	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		首次	
##	sms_words_train\$type	No	Yes
##		0 0.999206349 0.001111111	
##		1 0.998571429 0.004285714	
##			
##		净	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		净资产	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```
##
##          各省市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          均居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总资产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          证券公司
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          资本
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.000000000 0.002857143
##
##          人聊
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          听
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.0000000000 0.002857143
##
##          月工资
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          位置
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.0000000000 0.002857143
##
##          保险杠
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          改变
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          格栅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		稍		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		近期		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 0.998571429	0.004285714	
##				
##		处方		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		止咳		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		治病		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		燕麦		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		种		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	

```

##          1 1.000000000 0.002857143
##
##          降压
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食物
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          不会
## sms_words_train$type          No          Yes
##          0 0.994603175 0.005714286
##          1 0.998571429 0.004285714
##
##          国际裁判
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猪协
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          象
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          加大

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##	来 榕		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	采 购		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	采 购 商		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	量		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143
##			
##	令 人 震 惊		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	冤 狱		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714



```

##
##          刑讯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          描绘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          漫画
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          获释
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副省长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行政
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          清洁工
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窗户
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          加拿大
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          失效
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          州际公路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          私人
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          迫降
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          卧槽
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          啊啊啊
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          小心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          床上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          懵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直接
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.995714286 0.007142857
##
##          眼皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          砸
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.000000000 0.002857143
##
##          躺
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          关系
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          医疗
## sms_words_train$type          No          Yes
##          0 0.996666667 0.003650794
##          1 1.001428571 0.001428571
##
##          复杂
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.001428571
##
##          悠久
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.001428571
##
##          战争

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##	公 举		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##	删		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##	镜 头		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0014285714 0.0014285714	
##			
##	周 边 游		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	国 王		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##	天 鹅 堡		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0000000000 0.0028571429	

```
##
##          好 去 处
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湖 等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刺 中
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          前 来
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9814285714 0.0214285714
##
##          剪 刀
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          复 诊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          废 弃
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          患者
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          治疗
## sms_words_train$type          No          Yes
##          0 0.998095238 0.0022222222
##          1 1.001428571 0.001428571
##
##          薛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大力开展
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          查处
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          群众
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##

```

##	腐败问题			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	身边			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.001428571	0.001428571	
##				
##	婴儿			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	定为			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	开膛手			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	生日			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##	为啥			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	



```

##          1 1.0014285714 0.0014285714
##
##          八 遍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交通 路线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地图
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          我用
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          跨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三位 数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感

```

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## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      接发
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      独创
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      痕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      组合
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      造型
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 0.995714286 0.007142857
##
##      太丑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          太贵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一周
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          台
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          新闻
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          湖南台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          版面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          综艺
## sms_words_train$type          No          Yes

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          分类
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          垃圾
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          宣传
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          专柜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9600000000 0.0428571429
##
##          世界
## sms_words_train$type          No          Yes
##          0 0.995714286 0.004603175
##          1 0.998571429 0.004285714
##
##          二楼
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9857142857 0.0171428571
##

```

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##          会员卡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          倍积
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          倾情
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          持有
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          显得
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          消费
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.984285714 0.018571429
##
##          通程
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

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##          1 0.9985714286 0.0042857143
##
##          万人空巷
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          专供
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          人人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          先认
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9857142857 0.0171428571
##
##          台台

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      向阳
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      大街
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      宾馆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9957142857 0.0071428571
##
##      工程
## sms_words_train$type      No      Yes
##      0 0.998095238 0.002222222
##      1 0.991428571 0.011428571
##
##      接受
## sms_words_train$type      No      Yes
##      0 0.998888889 0.001428571
##      1 0.998571429 0.004285714
##
##      斜对面
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143

```

```
##
##          最低价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          机
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          格力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          筹后
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          认筹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          鹿泉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多一点
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正规
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          疾病
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 1.0000000000 0.002857143
##
##          耽误
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          还会
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          陪伴
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          化疗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	白血病			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	舅舅			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	血小板			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	非常低			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	保护			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	
##		1 1.001428571	0.001428571	
##				
##	远离			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##	高效率			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          博罗县
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          原料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          嘉应兴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奶茶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          座
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          批发部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来电

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9757142857	0.0271428571
##			
##		桥西	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		电话	
##	sms_words_train\$type	No	Yes
##		0 0.996984127	0.003333333
##		1 0.914285714	0.088571429
##			
##		罗阳	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		镇	
##	sms_words_train\$type	No	Yes
##		0 0.997619048	0.002698413
##		1 0.998571429	0.004285714
##			
##		底商	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		惠	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9771428571	0.0257142857

```

##
##          钜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          基本上
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          常用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          邮箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外挂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          今晚
## sms_words_train$type          No          Yes

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```

##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          心理
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          撕逼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烧脑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主张
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          损害赔偿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方才能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	无过错			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	离婚			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	诉讼			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.000000000	0.002857143	
##				
##	分红			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	多亿			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	石油			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	推送			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          栏里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消息
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.998571429 0.004285714
##
##          聊天
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          通知
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.991428571 0.011428571
##
##          师范学院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          抗战
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          故事

```



##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 1.000000000 0.002857143	
##			
##		盐城	
##	sms_words_train\$type	No	Yes
##		0 0.998571429 0.001746032	
##		1 0.998571429 0.004285714	
##			
##		老战士	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.001428571 0.0014285714	
##			
##		讲	
##	sms_words_train\$type	No	Yes
##		0 0.998730159 0.001587302	
##		1 1.001428571 0.001428571	
##			
##		安装	
##	sms_words_train\$type	No	Yes
##		0 0.998412698 0.001904762	
##		1 0.997142857 0.005714286	
##			
##		国庆	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		完全	
##	sms_words_train\$type	No	Yes
##		0 0.998412698 0.001904762	
##		1 1.001428571 0.001428571	

```
##
##          攻略
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          自由
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          行
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          西安城
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长假
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全市
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 0.998571429 0.004285714
##
##          推进
## sms_words_train$type      No      Yes
```

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##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          水利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮州
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          计划
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          倒
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          偷偷
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          外出
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##

```

##		屋主		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		屋子		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		溜		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		进去		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		二十		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		共有		
##	sms_words_train\$type	No	Yes	
##		0 0.998571429	0.001746032	
##		1 1.001428571	0.001428571	
##				
##		名列		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          四人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百富
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科技
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.995714286 0.007142857
##
##          乡村
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          确定
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          控烟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          月余

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      众义
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汽车贸易
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      淮安
## sms_words_train$type      No      Yes
##      0 0.997936508 0.002380952
##      1 1.001428571 0.001428571
##
##      他妈的
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      回答
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      知乎
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          破
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          人才
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.000000000 0.002857143
##
##          今年
## sms_words_train$type          No          Yes
##          0 0.995555556 0.004761905
##          1 1.000000000 0.002857143
##
##          前方
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          对口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工作组
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          批
## sms_words_train$type          No          Yes
```

```

##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          援疆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          支援
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本次
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.000000000 0.002857143
##
##          江阴市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第八
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          霍城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          器具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机上安装
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          私自
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窃取
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          读卡器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          乳腺癌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          仅限
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

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##          1 0.9914285714 0.0114285714
##
##          住院
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          保期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          保费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          保障卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全省
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.995714286 0.007142857
##
##          关爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          包括

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##	sms_words_train\$type	No	Yes
##		0 0.997460317 0.002857143	
##		1 0.995714286 0.007142857	
##			
##		卵巢癌	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		周岁	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0000000000 0.0028571429	
##			
##		女性	
##	sms_words_train\$type	No	Yes
##		0 0.998888889 0.001428571	
##		1 0.995714286 0.007142857	
##			
##		妇女	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 0.9971428571 0.0057142857	
##			
##		妇科	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0000000000 0.0028571429	
##			
##		子宫癌	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	

```

##
##          子宫颈 癌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢 购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9800000000 0.0228571429
##
##          期
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.9900000000 0.012857143
##
##          津 贴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          癌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          等 待
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          续 保
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          身故
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          输卵管
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          重要
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          阴道
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          限投
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          咖啡
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

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##          泰州
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          第一
## sms_words_train$type      No      Yes
##          0 0.996507937 0.003809524
##          1 0.997142857 0.005714286
##
##          连锁
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          韩国
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          餐厅
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          演唱会
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          类为
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          预测
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          题
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          期看
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体脂仪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内脏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脂肪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          脂肪肝

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      轻度
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      业务员
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      信用卡
## sms_words_train$type      No      Yes
##      0 0.997936508 0.002380952
##      1 0.997142857 0.005714286
##
##      光大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      办理
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9828571429 0.0200000000
##
##      小邓
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```
##
## 帮
## sms_words_train$type      No      Yes
##      0 0.997777778 0.002539683
##      1 0.990000000 0.012857143
##
## 平安
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9928571429 0.0100000000
##
## 资金周转
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
## 无锡
## sms_words_train$type      No      Yes
##      0 0.993968254 0.006349206
##      1 1.000000000 0.002857143
##
## 月份
## sms_words_train$type      No      Yes
##      0 0.997936508 0.002380952
##      1 0.998571429 0.004285714
##
## 子
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.000000000 0.0028571429
##
## 岳池
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水库
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          洪庙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗渡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车祸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          零晨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          业务
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 0.985714286 0.017142857
##

```

```

##          凸显
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          支撑
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          越发
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          运维对
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之家
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          橱柜
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          层志邦
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          居然
## sms_words_train$type          No          Yes
##          0 0.9966666667 0.003650794
##          1 1.0000000000 0.002857143
##
##          展厅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          左右
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.997142857 0.005714286
##
##          建材
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9914285714 0.0114285714
##
##          河西
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          公里
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          摩托车

```

##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 1.000000000 0.002857143	
##			
##		狂飙	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.000000000 0.0028571429	
##			
##		码	
##	sms_words_train\$type	No	Yes
##		0 0.997777778 0.002539683	
##		1 0.997142857 0.005714286	
##			
##		绕城	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##		骑	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##		因為	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		大阪	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```

##
##          客運
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          幾乎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          機場
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沒睡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飛機
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          點多飛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          點要
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心甘情愿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          退票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高铁
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 0.998571429 0.004285714
##
##          乐园
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          周六
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9900000000 0.0128571429
##

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##          夜晚
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          度过
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          悠悠
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          愉快
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9857142857 0.0171428571
##
##          水上
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          臭
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          飘扬
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          尝尝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          独有
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          自信
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          配方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七八十
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十出头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吵架

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小姑娘
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          自称
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          阿姨
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          不明真相
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          丑恶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之心
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429

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##
## 亡
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 帝国主义
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 看清楚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 他妈
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 吃屎
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 发布公告
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 场所
## sms_words_train$type      No      Yes

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          办公室
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.998571429 0.004285714
##
##          参观
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.997142857 0.005714286
##
##          新加坡
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          五环
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土豪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          天后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	学			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 0.997142857	0.005714286	
##				
##	开车			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	想说			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	微克			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	悬浮			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	立方米			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	颗粒物			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          不公
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          制定
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          宰割
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徒手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扒皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游戏规则
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当下

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##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		数量	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 0.9785714286	0.0242857143
##			
##		族	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		楼市	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		毕	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		逐年	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		兴奋	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          整个
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          比赛
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571
##
##          主材
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          基装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          套餐
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9871428571 0.0157142857
##
##          家电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9871428571 0.0157142857
##
##          家装
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          广雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          期间
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.971428571 0.031428571
##
##          贴砖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陆河
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开心
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.997142857 0.005714286
##

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```

##                真正
## sms_words_train$type      No      Yes
##                0 0.997936508 0.002380952
##                1 0.998571429 0.004285714
##
##                荷花
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                见过
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                有余
## sms_words_train$type      No      Yes
##                0 0.9996825397 0.0006349206
##                1 1.0014285714 0.0014285714
##
##                票
## sms_words_train$type      No      Yes
##                0 0.999047619 0.001269841
##                1 0.998571429 0.004285714
##
##                吸毒
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                好歹
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603

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```

##          1 1.0014285714 0.0014285714
##
##          封杀
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          必要
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          真的
## sms_words_train$type          No          Yes
##          0 0.994285714 0.006031746
##          1 1.001428571 0.001428571
##
##          一颗
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          心不改
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身躯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          取暖

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搓手
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流浪
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          猫
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          网络
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 0.998571429 0.004285714
##
##          走红
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分解
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          所含
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解脂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          俱乐部
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 1.001428571 0.001428571
##
##          心灵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意大利
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          找
## sms_words_train$type          No          Yes
##          0 0.9955555556 0.004761905
##          1 0.984285714 0.018571429
##
##          晚餐
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          涤荡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          馆子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高尔夫
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          发作
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          死于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每年
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##

```

##	癫痫			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	再也			
##	sms_words_train\$type	No		Yes
##		0	0.999206349	0.001111111
##		1	1.001428571	0.001428571
##				
##	噪音			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	妈妈			
##	sms_words_train\$type	No		Yes
##		0	0.998095238	0.002222222
##		1	1.001428571	0.001428571
##				
##	担心			
##	sms_words_train\$type	No		Yes
##		0	0.999206349	0.001111111
##		1	1.000000000	0.002857143
##				
##	风扇			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	南			
##	sms_words_train\$type	No		Yes
##		0	0.999047619	0.001269841

```

##          1 1.000000000 0.002857143
##
##          原唱
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唱出
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          山南
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.000000000 0.0028571429
##
##          意境
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          民谣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          流行

```



##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.000000000	0.002857143
##			
##		翻唱	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		通俗	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		那份	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		咩	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		想着	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		抓小偷	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          变成
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          唱歌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          音质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一個
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          潛力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          發揮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          給你
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中国电信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          无人机
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          虚拟现实
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          视频
## sms_words_train$type          No          Yes
##          0 0.993809524 0.006507937
##          1 1.001428571 0.001428571
##
##          配合
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

```

##          集中
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          竟
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          荷佳地
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蒲口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          藏有
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          赏
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          典狱长
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          告诉
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.998571429 0.004285714
##
##          女儿
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          米格尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          里卡多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卧龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          友情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建阳

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      摄制组
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      段务
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      商店
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      开发者
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      开放
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 0.998571429 0.004285714
##
##      日向
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          事务所
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          如皋
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          律师
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          敏政
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          依法
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          入室
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          刑事拘留
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          贾某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最新消息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贴
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          遭到
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##

```



##		黑客攻击		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		种种		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		一番		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		抽奖		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9942857143	0.0085714286	
##				
##		正版		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		天气预报		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		宝应		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          气象台
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          警报
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          写字台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昨天
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 1.001428571 0.001428571
##
##          一对一
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          一流
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          保驾护航

```

```
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 0.9971428571 0.0057142857
##
##           学堂
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 0.9985714286 0.0042857143
##
##           家长
## sms_words_train$type           No           Yes
##           0 0.999047619 0.001269841
##           1 0.982857143 0.020000000
##
##           小组
## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.000000000 0.002857143
##
##           师资
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 0.9957142857 0.0071428571
##
##           快讯
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           招生
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 0.9985714286 0.0042857143
```

```

##
##          新学期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          晚
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.997142857 0.005714286
##
##          火热
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9900000000 0.0128571429
##
##          班
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9914285714 0.0114285714
##
##          菁英
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          详询
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          课
## sms_words_train$type          No          Yes

```

```

##          0 0.999206349 0.001111111
##          1 0.994285714 0.008571429
##
##          乐韵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          区西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          园
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          堤路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家乡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          故里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          汕头市
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          法
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          献上
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          琴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          系
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          美妙
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钢琴
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 0.9985714286 0.0042857143
##
##          音乐会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姑娘
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 1.001428571 0.001428571
##
##          换
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          电脑屏幕
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          碎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下林

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      剃度
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      印能
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      年于
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      法师
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      礼拜
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```



```

##
##          老和尚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高旻寺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尴尬
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          硕士
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          代表性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古镇
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          极具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特色
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          苏州园林
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          一家人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承载
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          七八
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          卡上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          秒
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          壁纸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          太赞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          幻灯片
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.0000000000 0.002857143
##
##          简直
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571

```

```

##          1 1.001428571 0.001428571
##
##          侵占
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          公共
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          地铁站
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          套套
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妈个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鸡
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          制度

```

##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##		匹配	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		观念	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		因以	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		题材	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		当街	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		家住	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          小芳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少女
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          廣州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白雲區
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抱怨
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          上限
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          享有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          升級
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          处
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          女星
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          独家
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          號
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		返水		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		钻石		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		秀水		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		血汗钱		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		骗取		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		传闻		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		信		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	



```

##          1 0.985714286 0.017142857
##
##          是谁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          永
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          父亲
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          私生子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          释
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          陷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          化名

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		福运来哦	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		美好未来	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		请	
##	sms_words_train\$type	No	Yes
##		0 0.9966666667	0.003650794
##		1 0.952857143	0.050000000
##			
##		过的	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		退出	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		选择	
##	sms_words_train\$type	No	Yes
##		0 0.996984127	0.003333333
##		1 0.991428571	0.011428571

```
##
## 中国政府
## sms_words_train$type      No      Yes
## 0 0.9996825397 0.0006349206
## 1 1.0014285714 0.0014285714
##
## 在我看来
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 报酬
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 索取
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0000000000 0.0028571429
##
## 一股
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 乐坛
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 冲击
## sms_words_train$type      No      Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          洪流
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宁启
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联试
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联调
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          铁路工程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲热
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```
##          尺度
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          情侣
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          房间
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          路人
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          嘉琪
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          寻觅
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          幸福
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
```

```

##          1 0.992857143 0.010000000
##
##          征集
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9928571429 0.0100000000
##
##          新年好
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9828571429 0.0200000000
##
##          杨
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9957142857 0.0071428571
##
##          柯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          样板房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          桥
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.997142857 0.005714286
##
##          香港

```

##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 0.997142857	0.005714286
##			
##		中招	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		公布	
##	sms_words_train\$type	No	Yes
##		0 0.998095238	0.002222222
##		1 1.001428571	0.001428571
##			
##		分数线	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		区内	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		对外	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.000000000	0.0028571429
##			
##		西藏	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          不去
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          安可
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之秀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          九华
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          亲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9757142857 0.0271428571
##
##          你们好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          到来
## sms_words_train$type          No          Yes

```



```

##          0 0.9995238095 0.0007936508
##          1 0.9871428571 0.0157142857
##
##          夏娃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          活动期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老客户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9814285714 0.0214285714
##
##          西路
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          青阳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全自动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

##	嘉 莎			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	多 功 能			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	懒 人			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	无 油 烟			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	炒 菜			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	炒 锅			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	瓊			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          布鲁纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一次
## sms_words_train$type          No          Yes
##          0 0.9955555556 0.004761905
##          1 0.978571429 0.024285714
##
##          不想
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          只为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可笑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          好累
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          港湾

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      心凉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      心痛
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      心身
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      感到
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      温馨
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9957142857 0.0071428571
##
##      疲惫
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          相信
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          而活
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暂停
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          久
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          傲慢
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          养尊处优
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滋生
## sms_words_train$type      No      Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          自大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一看
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          不到
## sms_words_train$type          No          Yes
##          0 0.996349206 0.003968254
##          1 1.000000000 0.002857143
##
##          未出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          账单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赵默笙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          放进
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          水
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.995714286 0.007142857
##
##          袋子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发出
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          自然
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.997142857 0.005714286
##
##          云里
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          文件
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762

```

```

##          1 1.001428571 0.001428571
##
##          栀子花
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          上传
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          浏览
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网页
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          美照
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          密切
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工具

```



##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##		手表	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		整合	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		明智	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		生产力	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		面向	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		付	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429

```
##
##          低至
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          信用贷款
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          博融
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          厘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          幸福生活
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          得意
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          抵押
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 0.9714285714 0.0314285714
##
##          敬祝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          洒洒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          甜如蜜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9885714286 0.0142857143
##
##          羊羊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          联系电话
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9842857143 0.0185714286
##

```

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##          贷款
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.988571429 0.014285714
##
##          车贷
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          一边
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          啃着
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          煎饼
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          萝卜
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          轮奸
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508

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##          1 1.0014285714 0.0014285714
##
##          排
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          排队
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          老妈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          我要
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          智商
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          病
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          骂

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		欣赏	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##		相簿	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		飞墨	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		令人激动	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		公演	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		多亏	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          妈
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          汪汪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          廿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摩托罗拉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马睿
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信任
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.997142857 0.005714286
##
##          制造业
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          工厂
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9914285714 0.0114285714
##
##          时称
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          视察
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名称
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

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##          引起
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          瞩目
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仪式
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          圆满结束
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石家庄
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          长力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          陆风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          力度
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9928571429 0.0100000000
##
##          惩处
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          行为
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          真心
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          苏宁
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          送货

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      小米
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571
##
##      解锁
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      锁定
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      小户型
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      插座
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      留
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

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##
##          平
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.991428571 0.011428571
##
##          收取
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          设计费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          面积
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.991428571 0.011428571
##
##          呆
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          宋承宪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彻夜
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          离开
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          名额有限
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          在送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          机会
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.987142857 0.015714286
##
##          盒
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          超级
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.994285714 0.008571429
##

```

##	错过			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9928571429	0.0100000000	
##				
##	闺蜜			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##	预定			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9957142857	0.0071428571	
##				
##				
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	不少			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	人常			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	坏帐			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          等同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网贷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逾期
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坏心眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          故意
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          日后
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          用个

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	北票		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	官员		
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##	捞取		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	领导		
##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.001428571	0.001428571
##			
##	上半年		
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 1.001428571	0.001428571
##			
##	拓展		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714



```

##
##          着力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保持
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          信仰
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          底层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建筑师
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          思想
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          现代主义
## sms_words_train$type          No          Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绝大多数
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          歌
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          街景
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          谷
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          酒庄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          风采
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```

##          寸步难行
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          普通
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          老百姓
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          做空
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          密集
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          限制
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          咋个
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          大庆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          选
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          大全
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平常
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          影视
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          看电视
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          二妹

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	我妈		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##	郑州		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0000000000	0.0028571429
##			
##	飞机票		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	中药		
##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.001428571	0.001428571
##			
##	底		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	汤		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```

##
##          煲
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          猪肉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猪骨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          製
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          相互
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          瞬间
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          转变
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          心理医生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怕
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          添堵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.000000000 0.002857143
##
##          说说话
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暑假
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```

##	祝			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9757142857	0.0271428571	
##				
##	美好			
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##	美妞们			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	考试			
##	sms_words_train\$type	No	Yes	
##		0 0.998412698	0.001904762	
##		1 0.997142857	0.005714286	
##				
##	天下			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 0.995714286	0.007142857	
##				
##	苏州城			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	雨水			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          兵器谱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大侠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排行榜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百晓生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分泌
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          功能障碍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增中

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		性	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		气道	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		水肿	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		浸润	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		清除	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		炎	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          粘液
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粘膜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纤毛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腺体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          认识
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 1.0000000000 0.002857143
##
##          递质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一楼
## sms_words_train$type          No          Yes
```

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##          0 0.9995238095 0.0007936508
##          1 0.9900000000 0.0128571429
##
##          南门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          富森
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          店内
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          店里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          格雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汉斯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##          牌的
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          疯狂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          罗静
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莫失良机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          限时
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          感动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          分析
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302

```

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##          1 0.998571429 0.004285714
##
##          指控
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          舆情
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          造谣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          重点
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.000000000 0.002857143
##
##          一折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          千元
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          型

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.997142857	0.005714286
##	寸		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9971428571	0.0057142857
##	展会		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##	欧路		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##	洁具		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##	液晶		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##	秒杀		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143

```
##
##          莎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          衣柜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          购和主材
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          南京大学
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          南大
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          南昌大学
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          简称
## sms_words_train$type          No          Yes
```



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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          体会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吊床
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缆绳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跨河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这座
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	喜讯			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9942857143	0.0085714286	
##				
##	图			
##	sms_words_train\$type	No	Yes	
##		0 0.997460317	0.002857143	
##		1 1.001428571	0.001428571	
##				
##	爷爷			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	痣			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	二次			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	安信			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	探底			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          真不缺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外表
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          实在
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          果
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          熟光
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相处
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          看出

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      难以
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      下发
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      之内
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      书
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.0000000000 0.002857143
##
##      入伍通知
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      兵务厅
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          崔始源
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          韩国国防部
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不嫌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事大
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看热闹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去死吧
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发火
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朴正洙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          够
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          二十几
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮肤
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          看得出来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网上
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```

```

##          一瓶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          三八
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9728571429 0.0300000000
##
##          买一送一
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          任性
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          参与
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          感恩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          拉
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111

```

```

##          1 0.998571429 0.004285714
##
##          水感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          清透
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          获得
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.997142857 0.005714286
##
##          蜜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          进店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9657142857 0.0371428571
##
##          润
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          防晒霜

```



##	sms_words_train\$type	No	Yes
##		0 0.998730159 0.001587302	
##		1 1.000000000 0.002857143	
##			
##	阳光		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 0.9928571429 0.0100000000	
##			
##	雪肤		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##	鼎立		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##	木制		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##	玩具		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0014285714 0.0014285714	
##			
##	充电		
##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 1.000000000 0.002857143	

```

##
##          宝
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          游戏
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.000000000 0.002857143
##
##          点卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水分
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          肌细胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          角质层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卻
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          幹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拼命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          納稅人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血汗錢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二合
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          博彩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          号码
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9928571429 0.0100000000
##
##          合
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          投注
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          推荐
## sms_words_train$type      No      Yes
##          0 0.997301587 0.003015873
##          1 0.991428571 0.011428571
##
##          星期二
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          澳门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          皇冠
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

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##          1 0.9985714286 0.0042857143
##
##          站长
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          精选
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          绝杀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          网
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 0.995714286 0.007142857
##
##          专程
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巴黎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          是从

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		淮 阴 区	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		南 站	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0014285714 0.0014285714	
##			
##		车 点	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		乘	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0014285714 0.0014285714	
##			
##		大 西 南	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		草	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0000000000 0.0028571429	

```

##
##          证据
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          软弱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          悲剧
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          按时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起飞
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          大运河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无山
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一眼
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          同意
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          瞪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一如既往
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          水准
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##		龙虾			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		中院			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0000000000	0.0028571429	
##					
##		弄虚作假			
##	sms_words_train\$type	No		Yes	
##		0	0.9998412698	0.0004761905	
##		1	1.0014285714	0.0014285714	
##					
##		明目张胆			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		河北			
##	sms_words_train\$type	No		Yes	
##		0	0.9995238095	0.0007936508	
##		1	0.9985714286	0.0042857143	
##					
##		衡水			
##	sms_words_train\$type	No		Yes	
##		0	0.9998412698	0.0004761905	
##		1	1.0000000000	0.0028571429	
##					
##		中國			
##	sms_words_train\$type	No		Yes	
##		0	0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          甚麼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          问
## sms_words_train$type          No          Yes
##          0 0.995714286 0.004603175
##          1 0.997142857 0.005714286
##
##          大卡车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          策略
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          集装箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两个
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.998571429 0.004285714
##
##          体检

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```
## sms_words_train$type           No           Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          早上
## sms_words_train$type           No           Yes
##          0 0.996349206 0.003968254
##          1 1.000000000 0.002857143
##
##          胖子
## sms_words_train$type           No           Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吐槽
## sms_words_train$type           No           Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          听听
## sms_words_train$type           No           Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          真爱党们
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          写入
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

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##
##          原厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多度
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          室外
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          温度
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          求问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          话剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开来
## sms_words_train$type          No          Yes

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##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          扣
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          指甲
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          摔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          华远
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          博纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          竣工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          通州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          房子
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.995714286 0.007142857
##
##          隔壁
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          一首
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          偶然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拉姆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

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##          1 1.0014285714 0.0014285714
##
##          朗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          邓丽君
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七点
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          下车
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          几百米
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吵醒
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          四五

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	坐地铁		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	挤上去		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	早		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.000000000	0.002857143
##			
##	每辆车		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	点多		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0000000000	0.0028571429
##			
##	狗		
##	sms_words_train\$type	No	Yes
##		0 0.997936508	0.002380952
##		1 1.000000000	0.002857143



```
##
##          班才
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高峰
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          研发
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          化解
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          妹子
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          总是
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          矛盾
## sms_words_train$type          No          Yes
```

```

##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          酱油瓶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闯红灯
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          众多
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          优选
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张虎成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浓缩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

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```
## 资讯
## sms_words_train$type No Yes
## 0 0.999365079 0.000952381
## 1 1.000000000 0.002857143
##
## 世
## sms_words_train$type No Yes
## 0 1.000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 外
## sms_words_train$type No Yes
## 0 0.998888889 0.001428571
## 1 0.994285714 0.008571429
##
## 来看
## sms_words_train$type No Yes
## 0 0.999206349 0.001111111
## 1 1.001428571 0.001428571
##
## 番
## sms_words_train$type No Yes
## 0 1.000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 肖思敬
## sms_words_train$type No Yes
## 0 1.000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 苏
## sms_words_train$type No Yes
## 0 0.9995238095 0.0007936508
```

```

##          1 1.0000000000 0.0028571429
##
##          轮
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          图标
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          方案
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          云烟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          然再
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入秋

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      喜爱
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      很快
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      秋季
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      重生
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抽风
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      淮海路
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          逛街
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          顶
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          哑口无言
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驳得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          嘉兴
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          德邦
## sms_words_train$type          No          Yes

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```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          快递
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          拨打
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          新增
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          杭州
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.997142857 0.005714286
##
##          绍兴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          货运
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

##	青岛			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.000000000	0.002857143	
##				
##	好了			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	能治			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	起飞前			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	顽疾			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	精华			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 0.998571429	0.004285714	
##				
##	防晒			
##	sms_words_train\$type	No	Yes	
##		0 0.995555556	0.004761905	



```

##          1 1.000000000 0.002857143
##
##          一张
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.997142857 0.005714286
##
##          小小的
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          居民区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          床
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          老式
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          一半
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          专题

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		会计	
##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 0.992857143 0.010000000	
##			
##		成本法	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.001428571 0.001428571	
##			
##		转换	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.001428571 0.001428571	
##			
##		金融资产	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.001428571 0.001428571	
##			
##		帮忙	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 0.9971428571 0.0057142857	
##			
##		被盗	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.001428571 0.001428571	

```

##
##          互相帮助
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绑架
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          能够
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          可能
## sms_words_train$type          No          Yes
##          0 0.993174603 0.007142857
##          1 1.000000000 0.002857143
##
##          台风
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 1.001428571 0.001428571
##
##          浪卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          登陆
## sms_words_train$type          No          Yes

```

```

##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          丹丹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开玩笑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          男盆友
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经常
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          小时候
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

西游记			
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		同一	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		地带	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		市中心	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9985714286	0.0042857143
##			
##		繁华	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##		频繁	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		加	
##	sms_words_train\$type	No	Yes
##		0 0.9977777778	0.002539683

```

##          1 0.995714286 0.007142857
##
##          报警器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第一台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管理者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金科玉律
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          供认不讳
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          牲畜

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      犯罪事实
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      人心
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      婚纱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      引自
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      摄影
## sms_words_train$type      No      Yes
##      0 0.998888889 0.001428571
##      1 1.001428571 0.001428571
##
##      最凉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          还款
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          五十名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排在
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          方法
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          自救
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一樣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世上
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          其實
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          只會交
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同一時間
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          噢
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          坊間
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多靚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		寧缺勿濫		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		想像		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		男朋友		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##		說		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		张杰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		强烈反应		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		形象		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	

```

##          1 0.998571429 0.004285714
##
##          颠覆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高冷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喊
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          囤货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外面
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          一行

```

```
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      前往
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      化工学院
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      博物馆
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      浙大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      德基
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      是不是
## sms_words_train$type      No      Yes
##      0 0.996507937 0.003809524
##      1 1.000000000 0.002857143
```

```

##
##          事业单位
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          公开
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.000000000 0.002857143
##
##          公示
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          广电
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          新闻出版局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盱眙县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吃掉
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舍得吃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高邮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸭蛋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          版型
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          做出
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          内心
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```

```

##                      有没有
## sms_words_train$type      No      Yes
##          0 0.997301587 0.003015873
##          1 1.000000000 0.002857143
##
##                      真实
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      聆听
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      商品
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.988571429 0.014285714
##
##                      域外
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      展
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      旅游节
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          遂宁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          采风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲临
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          提高
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.995714286 0.007142857
##
##          机制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          李阳敬上
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          松

```



```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      科学
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      绩效考核
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      薪酬
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      诚邀
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9914285714 0.0114285714
##
##      长
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 0.998571429 0.004285714
##
##      队
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9985714286 0.0042857143

```

```

##
##          预留
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          挺
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          适时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叫卖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小贩
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          编
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          街头
## sms_words_train$type          No          Yes

```

```

##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          黑人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东北
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          功残章
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          大雁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夺得
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##

```

##	本门			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##	连云			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	长生			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	万科			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.001428571	0.001428571	
##				
##	把握			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	方面			
##	sms_words_train\$type	No	Yes	
##		0 0.998412698	0.001904762	
##		1 1.000000000	0.002857143	
##				
##	晚上			
##	sms_words_train\$type	No	Yes	
##		0 0.995873016	0.004444444	

```

##          1 1.000000000 0.002857143
##
##          讨论会
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一枝
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不在
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          冰箱
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 0.9914285714 0.0114285714
##
##          发呆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          夏天
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          孤单

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		巷 口	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		带 你 去	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		无 家 可 归	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		早 就	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		月 季	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		牛 奶	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571

```

##
##          的海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过期
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          陪
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          三维
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中训
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大专
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          学历
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          学校
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 0.995714286 0.007142857
##
##          定点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          开设
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          感谢您
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9700000000 0.0328571429
##
##          技能
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          揭阳市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##		文秘		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		本科		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		热招		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		考证		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		职业技能		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		致电		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9485714286	0.0542857143	
##				
##		台湾		
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	

```

##          1 1.000000000 0.002857143
##
##          报导
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花莲
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海光寺
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          知识
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          万源
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专管
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城

```

##	sms_words_train\$type	No	Yes
##		0 0.9977777778	0.002539683
##		1 0.985714286	0.017142857
##			
##		御	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		境	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		云 朵	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		分 钟	
##	sms_words_train\$type	No	Yes
##		0 0.996190476	0.004126984
##		1 0.995714286	0.007142857
##			
##		大 概	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		彩 色	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143

```
##
## 东部
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
## 中西部
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 广州
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 0.995714286 0.007142857
##
## 指数
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571
##
## 远远
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 北方
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 洋河
## sms_words_train$type      No      Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          误解
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酒
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          保温
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          煮
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          煮开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          键闷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          一口价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          发短信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          套卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          批卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          星期三
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          月租
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          漫游
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          王
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          老总
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          订购
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          随心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          触碰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高压线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          均

```

##	sms_words_train\$type	No	Yes
##		0 0.997936508 0.002380952	
##		1 0.981428571 0.021428571	
##			
##		护肤	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 0.9985714286 0.0042857143	
##			
##		温暖	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 1.0000000000 0.0028571429	
##			
##		购赠	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		送上	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 0.9985714286 0.0042857143	
##			
##		发热	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		唇色	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	



```

##
##          模仿
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          淡淡的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          眉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼影
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          粉色
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细细的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腮红
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          花千骨妆容
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淡定
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          说话
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          调查结果
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

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##          七夕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世纪
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 0.994285714 0.008571429
##
##          加冕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情书
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          戳
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          拳头
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啥
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          献礼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          红魔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鹿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鹿晗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三元
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          伊利

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      克
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      发大财
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      圣元
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      完达山
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      惠氏
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      新货
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143

```

```
##
## 明一
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 现有
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9928571429 0.0100000000
##
## 米粉
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 精都
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 美赞臣
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
## 菊花
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 贝因美
## sms_words_train$type      No      Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          超低
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          金摇兰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          雅士利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          飞鹤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龙贝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三星
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##

```

##	安卓			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	宣布			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	
##		1 1.001428571	0.001428571	
##				
##	英国			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 0.998571429	0.004285714	
##				
##	岗			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	巡回			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	志愿			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	最高人民法院			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	



```

##          1 1.0014285714 0.0014285714
##
##          法庭
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          设立
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          代码
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          推荐人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          输入
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          魔幻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          快来

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9957142857	0.0071428571
##			
##		所需	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9985714286	0.0042857143
##			
##		手续	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9857142857	0.0171428571
##			
##		无须	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		易贷	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		有效期	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		申请	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.995714286	0.007142857

```
##
##          简便
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          获取
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          资金
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.988571429 0.014285714
##
##          邀请
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 0.991428571 0.011428571
##
##          下跌
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          回补点
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.001428571
##
##          放在
## sms_words_train$type          No          Yes
```

```

##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          线段
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不同
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          乘车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人中
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          人经
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伤情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          受伤
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          待查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抢救无效
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          死亡
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          程度
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          车内
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刀具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          枫木
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲历者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文革
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          武斗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          时到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第一波

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          赶上
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          针灸
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云县
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          克起
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          共享
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          啤酒
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000

```

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##
##          嘉华
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          婚爱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          彩虹桥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          换购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          狂欢节
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          珠宝
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          相送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          豪礼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          足金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          个人全能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第四
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          艺术体操
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.998412698	0.001904762
##	1	1.001428571	0.001428571
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9995238095	0.0007936508
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          海外
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          远销
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          非洲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关闭
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          相册
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          要说
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          非

```



```

##
##          第九代
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          索纳塔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          车型
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.997142857 0.005714286
##
##          顺德
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商业
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.000000000 0.002857143
##
##          讲话
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          负责
## sms_words_train$type          No          Yes

```

```

##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          夫子庙
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          有名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卖掉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挂
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          不畏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          异样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          办公大楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叫停
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中医院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          接到
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          杭州市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          峨山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          案件
## sms_words_train$type          No          Yes
##          0 0.996984127 0.003333333
##          1 1.001428571 0.001428571
##
##          民商事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          登记
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          立案
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          红包
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          亲爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9785714286 0.0242857143
##
##          北路

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9957142857 0.0071428571
##
##      大型
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9714285714 0.0314285714
##
##      靓颜
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      汇率
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      兄妹
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      同吃同住
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      垃圾堆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          伸直
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弯能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痛能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腿
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          不可开交
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          买手机
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          女生
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          该选
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出租汽车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加大力度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          推行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          该局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		防 劫		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		专 员		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		买 车		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		小 项		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		放 款		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9942857143	0.0085714286	
##				
##		晨 月		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		联 系 方 式		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 0.9957142857 0.0071428571
##
##          银行
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 0.988571429 0.014285714
##
##          判断
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          是否
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          症状
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          医学院
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          医师
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          协会会长

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姚克
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当选
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新一届
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          附属
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          伟大
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714

```

```
##
##          商人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          造就
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          之上
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          加工
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          平顶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收入
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.000000000 0.002857143
##
##          笔创
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赵丽颖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郑恺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          答案
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          询问
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          会计师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          凤城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##	北		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.997142857	0.005714286
##			
##	咨询电话		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9971428571	0.0057142857
##			
##	审计报告		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	市委党校		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	查账		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	福运		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	莱芜		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302

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##          1 1.0000000000 0.0028571429
##
##          记账
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          资产
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.995714286 0.007142857
##
##          验资
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          一部分
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          举报
## sms_words_train$type          No          Yes
##          0 0.997460317 0.002857143
##          1 1.001428571 0.001428571
##
##          妻子
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          婊子

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      揭开
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      不舍
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      不必
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      主叫
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      回家
## sms_words_train$type      No      Yes
##      0 0.997460317 0.002857143
##      1 0.998571429 0.004285714
##
##      嫌贵
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

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##
##          港澳台
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          联通
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          过年
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          通
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          好不好
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          手串
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玛瑙
## sms_words_train$type      No      Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          周瑜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          备注
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宝丽金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          档次
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          瓶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##

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##          花 场
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          酒 水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          原 型 机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          参 展
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          属 于
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          开 发
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          设计阶段
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          建筑面积
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          新晋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明星
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          男神
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          多层
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          學区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          平刚

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	惠		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##	搜房		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	搜房网		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143
##			
##	街区		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	诗		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	询		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9828571429	0.0200000000



```

##
##          附赠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          需实
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          青春
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          亳州
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          时空
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热播
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          药都
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被查
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          辱骂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          违章
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          个萌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          友好
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          捏一捏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	萌小盆		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	字画		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	当白		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	生死劫		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	免		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	0.9928571429	0.0100000000
##			
##	富豪		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##	房费		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          荟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全线
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          全陪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          双卧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          同行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          夕阳红
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快车

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      日 带
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      门 票
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      首 发
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      了 不 得
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      复 牌
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      涨 停
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571

```

```

##
##          叮个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          左臂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早晨
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          蚊子
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          今早
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再次
## sms_words_train$type          No          Yes

```

```

##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          减仓
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吨
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          注意
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.997142857 0.005714286
##
##          含量
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          果酒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水蜜桃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      研制成功
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      纯天然
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      酒精
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##                      吹
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      妖风
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      新桥
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      美景
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```



```

##          1 1.0014285714 0.0014285714
##
##          阵阵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动脉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          慢性
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          硬化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粥样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          补上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          链接

```

##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.001428571	0.001428571
##			
##	临沂		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##	主产		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	公		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143
##			
##	内墙砖		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	刘文磊		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	厂考		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          司
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          察指
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          导
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抛光砖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          渗花
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王沂州
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          釉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陶瓷厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          名次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          康美
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百强
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稳居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	0.997301587	0.003015873
##	1	0.998571429	0.004285714
##			
##	药业		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	行列		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	中午		
##	sms_words_train\$type	No	Yes
##	0	0.999047619	0.001269841
##	1	1.001428571	0.001428571
##			
##	二十块		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	伞		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	出门		
##	sms_words_train\$type	No	Yes
##	0	0.998888889	0.001428571

```

##          1 1.001428571 0.001428571
##
##          十二点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卡朋特
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外星人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忘带
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          版
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 0.998571429 0.004285714
##
##          那种
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          飞起

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      偶尔
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      只能靠
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      失眠
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      心绪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      恐惧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      熄灯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          产业化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创业园
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          北斗
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          呼和浩特
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增值
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          留学人员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落地
## sms_words_train$type          No          Yes
```



```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          脑控
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          连体衣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          人民法院
## sms_words_train$type          No          Yes
##          0 0.996507937 0.003809524
##          1 1.001428571 0.001428571
##
##          处梁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审判
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##

```

##	有期徒刑			
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##	福绵区			
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.001428571	0.001428571	
##				
##	诈骗罪			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.001428571	0.001428571	
##				
##	优惠卡			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.000000000	0.0028571429	
##				
##	元宵节			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9685714286	0.0342857143	
##				
##	合家			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##	团团圆圆			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          微笑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          来临
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          靓妆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高兴
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          大奖

```

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      夺购
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      智牛网
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      地铁口
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      旁边
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 0.997142857 0.005714286
##
##      毛线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      织
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          内存
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          占
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          崩溃
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          越来越
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          张静初
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电影频道
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酱油
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          误读
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          购
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          限 额
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大 瓶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精油
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##

```

##	纯			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9985714286	0.0042857143	
##				
##	薰衣草			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	保险公司			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.001428571	0.001428571	
##				
##	异议			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	真实性			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	长款			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	一只			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	

```

##          1 1.000000000 0.002857143
##
##          小奶
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.977142857 0.025714286
##
##          实情
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          授课
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          诽谤
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实况
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巴萨

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		球迷	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		算了	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		跳水	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		鲜肉	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		主演	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		看丽颖	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          小学
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.995714286 0.007142857
##
##          建成
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          捐赠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日报社
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          哈哈哈哈哈
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          无言以对
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看好
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家居服
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          本季
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          沙衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          选购
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9771428571 0.0257142857
##
##          投资者
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          理智
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		白 银		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		行 情		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		七 人		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		小 型		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		特 点		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		不 容 忽 视		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		串		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          四是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          案
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          现象
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          保价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          单椅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          史无前例
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          抵用

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      沙发
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9971428571 0.0057142857
##
##      电动
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9971428571 0.0057142857
##
##      盛
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      空前
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      签售
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      需
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9814285714 0.0214285714

```

```
##
##          传奇
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          我车
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          据悉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秦皇岛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缺席
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鲁能
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尤其
## sms_words_train$type      No      Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          河南
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          警察
## sms_words_train$type          No          Yes
##          0 0.994603175 0.005714286
##          1 1.001428571 0.001428571
##
##          陕西
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          多云到阴
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          夜里
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          金坛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```



##	阵雨			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	雷雨			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	互换			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	摄影师			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	艺术家			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	致命			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	足以			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          错误
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          南京市
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          喜获丰收
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          展能节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          残疾人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          竞赛
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          第二届

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		东南	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##		偏东	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		农民	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		出生	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		台湾省	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		竹乡	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          高雄县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          半个
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          复习
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          流量
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          证明
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          起码
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          压
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          控制器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          水温
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油压
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油温
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涡轮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          温
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

##	燃			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	亮相			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	显示屏			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	裸眼			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	伯父			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	兴建			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	寿辰			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          庆祝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          私家庭园
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荣宗敬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荣毅仁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管制
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          博士
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          李梦妍

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          林
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          超伦
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青奥会
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          六点半
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          草坪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```
##
## 停下来
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 手扶
## sms_words_train$type      No      Yes
## 0 0.9996825397 0.0006349206
## 1 1.0014285714 0.0014285714
##
## 线昌岗
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 解答
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 闹心
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 时代
## sms_words_train$type      No      Yes
## 0 0.998095238 0.002222222
## 1 0.998571429 0.004285714
##
## 理财
## sms_words_train$type      No      Yes
```

```

##          0 0.997777778 0.002539683
##          1 0.990000000 0.012857143
##
##          虚拟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          货币
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          卸妆
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          彻底
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          宾利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          致力于
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##

```

##	顶级			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##	多人			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	嘴脸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	大圣			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	归来			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	推得			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	摸摸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          照镜子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这幅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          醉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          五道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保康
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          峡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          景点

```

```
## sms_words_train$type           No           Yes
##           0 0.9995238095 0.0007936508
##           1 1.0000000000 0.0028571429
##
## 楚
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
## 源地
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
## 儿子
## sms_words_train$type           No           Yes
##           0 0.998412698 0.001904762
##           1 1.001428571 0.001428571
##
## 关
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0000000000 0.0028571429
##
## 生出
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
## 广东
## sms_words_train$type           No           Yes
##           0 0.998730159 0.001587302
##           1 1.000000000 0.002857143
```

```
##
##          湖南
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          省外
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调整
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.000000000 0.002857143
##
##          和平
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          脾安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一至
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每周
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每周五
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下功夫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          客厅
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          在家
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          干嘛
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          顺便
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                两天
## sms_words_train$type      No      Yes
##                0 0.999206349 0.001111111
##                1 0.998571429 0.004285714
##
##                人工
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 0.9985714286 0.0042857143
##
##                平均
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0000000000 0.0028571429
##
##                推广
## sms_words_train$type      No      Yes
##                0 0.998888889 0.001428571
##                1 0.998571429 0.004285714
##
##                搜
## sms_words_train$type      No      Yes
##                0 0.999206349 0.001111111
##                1 1.000000000 0.002857143
##
##                最快
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 0.9971428571 0.0057142857
##
##                线上
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          线下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          转让
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          门面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          高价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一生
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          不入
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          几面

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      剑
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      断念
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      殿
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      留恋
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      绝情
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      梧桐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          种满
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蒋介石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          畫畫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酒店
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 0.992857143 0.010000000
##
##          搬到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搬家
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腰
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          停止
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          审批
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          警告
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          违规
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##

```

```

##          通报
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          十万
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          将近
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          找人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花个
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.992857143 0.010000000
##
##          三百
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0000000000 0.0028571429
##
##          买回来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五只
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          达芬奇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          到经
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金域
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高新区

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	上路		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	前要		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	提示		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9985714286	0.0042857143
##			
##	车辆		
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 1.001428571	0.001428571
##			
##	十月		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	太酸爽		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          酷暑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          隆冬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          标与
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顺利
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.997142857 0.005714286
##
##          严肃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大作
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看起来
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          公园
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          分贝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          处州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          布点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

江滨公园			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
走访			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
大礼包			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	0.9928571429	0.0100000000
好彩头			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
庙会			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
开门红			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	0.9942857143	0.0085714286
必选			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          新年伊始
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          灯谜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          猜中
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          讨
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          购车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          透露
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          一站式

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      全心全意
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      及时
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9985714286 0.0042857143
##
##      合作
## sms_words_train$type      No      Yes
##      0 0.997619048 0.002698413
##      1 0.991428571 0.011428571
##
##      天扬
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      理念
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9957142857 0.0071428571
##
##      秉承
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9971428571 0.0057142857

```

```
##
##          酒店用品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          丁点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          噪点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商家
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          建议
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          辖区
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          四大
## sms_words_train$type          No          Yes
```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          税务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看过
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          临时
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          北京地区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          取消
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##

```

##	日晚			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	朋友圈			
##	sms_words_train\$type	No		Yes
##		0	0.999365079	0.000952381
##		1	1.001428571	0.001428571
##				
##	看着			
##	sms_words_train\$type	No		Yes
##		0	0.998571429	0.001746032
##		1	1.001428571	0.001428571
##				
##	里面			
##	sms_words_train\$type	No		Yes
##		0	0.998888889	0.001428571
##		1	1.001428571	0.001428571
##				
##	教			
##	sms_words_train\$type	No		Yes
##		0	0.999206349	0.001111111
##		1	1.001428571	0.001428571
##				
##	无所畏惧			
##	sms_words_train\$type	No		Yes
##		0	1.000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	上周末			
##	sms_words_train\$type	No		Yes
##		0	1.000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          边上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          马赛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中医药
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          书籍
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          孙杨以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          位居
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挂牌

```



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## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      江宁区
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      一家
## sms_words_train$type      No      Yes
##      0 0.998253968 0.002063492
##      1 1.000000000 0.002857143
##
##      乘坐
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      部队
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      两周
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      商场
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9900000000 0.0128571429

```

```

##
##          回来
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          国贸
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          代购
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          出油
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          处于
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.000000000 0.002857143
##
##          平衡
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          应
## sms_words_train$type          No          Yes

```

```

##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          是因为
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          正常
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.000000000 0.002857143
##
##          油脂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          状态
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          粉刺
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          肌肤
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##

```

##		结尾		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		沿途		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		追寻		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		世纪末		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		形式		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		章晓波		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		菰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          印度
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          包含
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          县级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务平台
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          构建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省内
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          省级

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		联网	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		远程	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		心态	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		执着	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		放开	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		画布	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          磁贴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          下单
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          双开门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          承诺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          有奖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          洗衣机
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          百款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          签单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          经销商
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          补贴
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          不巧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          停电
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



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##          区法院
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          调
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          名和利
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无非
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          块钱
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          私吞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指着
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          拆迁户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敲诈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          获
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          获刑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被判
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          五一广场
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          今日

```

##	sms_words_train\$type	No	Yes
##		0 0.997619048 0.002698413	
##		1 0.991428571 0.011428571	
##			
##		值此	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9985714286 0.0042857143	
##			
##		八号	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9971428571 0.0057142857	
##			
##		姐姐	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095 0.0007936508	
##		1 0.9957142857 0.0071428571	
##			
##		姿	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		玫	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9985714286 0.0042857143	
##			
##		礼	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9800000000 0.0228571429	

```
##
##          购物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          中医
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古灵精怪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          善变
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国学
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          音乐
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          如约
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淡季
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中山
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          养发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          再生
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          出发
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          发干
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

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##          困扰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          头发
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          头皮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          毛燥
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          秀发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          脱发白发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          脱落
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          越秀区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          转黑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          防脱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一声
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          关灯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          减掉

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      啪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大半夜
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      播出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      操
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      活该
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      脸上
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          容量
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小棕瓶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水正装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不足
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          人气
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          售楼
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打烊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          纷纷
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          内衣
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9914285714 0.0114285714
##
##          尼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          曼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          有效
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9957142857 0.0071428571
##

```

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##          秀
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.000000000 0.002857143
##
##          聚拢
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          调整型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          一名
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          德国
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##
##          畅玩
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          或许
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          靠窗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高估
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恢复
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          抗菌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排异
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排泄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生殖细胞

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生理功能
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      包裹
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      熟悉
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      见到
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      熟人
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      外包
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          好烂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无法
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 1.000000000 0.002857143
##
##          美国市场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实际
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          所辖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青白江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亏损
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          拦路抢劫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          差不多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异常
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          肝癌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          肝硬化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          阐明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产品销售
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风景线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          残骸
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          留尼汪岛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鉴定
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          跳脚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          骂人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          战战兢兢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挑战
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          迫不得已
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面对
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          性质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          补充

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	上班		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.997142857	0.005714286
##			
##	短裤		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	规定		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##	省电		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	续航		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	荣耀		
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571

```
##
##          周日
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          降价
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          高达
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          合集
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          坦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宇宙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          斯
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          最强
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          杰森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          森
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          部
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          区间
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          抓拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		测速		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		电子警察		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		第二条		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		设置		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##		隧道		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		出口		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.000000000	0.002857143	
##				
##		水龙头		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          一系列
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          一轮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          专为
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          女性朋友
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          完美
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          报名
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 0.972857143 0.030000000
##
##          排毒

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9971428571 0.0057142857
##
##      清肠
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      量身定做
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      博
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      微
## sms_words_train$type      No      Yes
##      0 0.998253968 0.002063492
##      1 0.997142857 0.005714286
##
##      手机号码
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公职
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          受贿
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          同日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名厅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          均涉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开除党籍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湖北
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          价微信
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南娜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古皂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海藻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瘦
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.000000000 0.002857143
##
##          瘦身
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          平方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9885714286 0.0142857143
##

```

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##          豪宅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          采访
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          武警官兵
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水火
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消防
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          致敬
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          啊哈
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          在播
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          顺势
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          懂
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          玛丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看花千骨
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          神剧

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      外机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      提供方便
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      踏脚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      还给
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      商业用途
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一批
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429

```

```
##
##          夏季
## sms_words_train$type      No      Yes
##          0 0.998412698 0.001904762
##          1 0.998571429 0.004285714
##
##          店铺
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          欧洲
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          范儿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裙子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散粉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉底液
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉底霜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉饼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          适用
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          面广
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          德丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          橄榄
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          芙
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          还原
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面霜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三人
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          上车
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          十三路
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          天平
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          学车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成绩单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          打卡
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          接送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          星期

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		来回	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		理论	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0000000000	0.0028571429
##			
##		电联	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		科目	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		驾校	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9942857143	0.0085714286
##			
##		优凡品	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          吾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广场
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.985714286 0.017142857
##
##          悦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          新城
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          营业员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安利
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          无敌
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          齐全
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          如花似玉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          婚礼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          当初
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          设计图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这场
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

```

##          动手做
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万余元
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          共计
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          涉案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          为民
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主题
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302

```

```

##          1 1.001428571 0.001428571
##
##          全县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公正执法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忠诚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          政法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教育
## sms_words_train$type          No          Yes
##          0 0.997301587 0.003015873
##          1 0.978571429 0.024285714
##
##          江苏省
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          海安县

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	举办		
##	sms_words_train\$type	No	Yes
##		0 0.997460317	0.002857143
##		1 0.992857143	0.010000000
##			
##	劳民伤财		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	必然		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	投放		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	摧毁		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	春运		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          最起码
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          财神
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这时候
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不受
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          制止
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正义
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          践踏
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产品设计
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挣
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          作文
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          化学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          口碑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          含金量
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```
##          奥数
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          提
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          数学
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          本校
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          清华
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          物理
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          英语
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
```

```

##          1 0.988571429 0.014285714
##
##          英语学校
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一般性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安排
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          预算
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          兽医站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几十万
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          补助款

```

```
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      贪污
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      剃光头
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      笑
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571
##
##      三截
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      咬成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      电源线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
```

```

##
##          商业化
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          搜狗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          显著
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          移动
## sms_words_train$type          No          Yes
##          0 0.996825397 0.003492063
##          1 0.995714286 0.007142857
##
##          能力
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          莫名其妙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          好长啊
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          曲靖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          频道
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          两岁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          南通市
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          妇幼保健
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手术
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

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##          院
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          义乌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          合作意向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浙江工业大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          研究院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          科学技术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          达成
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571

```

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##          1 1.000000000 0.002857143
##
##          东葛
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勾
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          半缕
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          魂
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遍布
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一圈
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一场

```

##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.000000000	0.002857143
##			
##	出去		
##	sms_words_train\$type	No	Yes
##		0 0.997619048	0.002698413
##		1 1.001428571	0.001428571
##			
##	好玩		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##	痛快		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	区级		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	城区		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##	市级		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714



```

##
##          年内
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          技防
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          财政
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          建华
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          画霍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赵
## sms_words_train$type          No          Yes

```

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##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          颖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凶手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杀人
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          枪案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          货
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##

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##	连杀			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	借贷			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.001428571	0.001428571	
##				
##	处理			
##	sms_words_train\$type	No	Yes	
##		0 0.997936508	0.002380952	
##		1 0.995714286	0.007142857	
##				
##	民间			
##	sms_words_train\$type	No	Yes	
##		0 0.998730159	0.001587302	
##		1 1.001428571	0.001428571	
##				
##	认定			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	高利贷			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	孤独			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

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##          1 1.0014285714 0.0014285714
##
##          信心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          证券市场
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一律
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          元起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          童装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          羊毛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羊毛衫

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		羊绒衫	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		裤	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		仓储	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		全场	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9271428571	0.0757142857
##			
##		来购	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		止	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

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##
## 阳新
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 不信
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 全程
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 0.9900000000 0.0128571429
##
## 大叫
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 大声
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 星星
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 熊孩
## sms_words_train$type      No      Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笑骂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特订
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福州
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          航班
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          为准
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          以出
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##	供			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	停放			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	出险			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	单			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##	参考			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9985714286	0.0042857143	
##				
##	受损			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	宝马			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	



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##          1 1.0000000000 0.0028571429
##
##          查勘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          森那美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          氧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          消毒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          理赔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          绿色通道
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自助

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      雨伞
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      粗鲁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出租
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9971428571 0.0057142857
##
##      分鐘
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      巴士站
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      步行
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

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```

##
##          超市
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          鄰近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          优惠政策
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          准备
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.990000000 0.012857143
##
##          出手
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          团购
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9857142857 0.0171428571
##
##          大幅度
## sms_words_train$type          No          Yes

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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          太平庄
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奥兴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奥迪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          届时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          庙镇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	庞大			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##	承德			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	承德市			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	最佳时机			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	机不可失			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##	汽车城			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	王夜晗			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          启蒙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          春秋
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          航空
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          航空公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减肥
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.992857143 0.010000000
##
##          柠檬茶
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上次

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      拿不住
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      晕倒
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      杀人偿命
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      筷子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      专营店
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      东风
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429

```

```

##
##          九折
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          全直
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工时
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          维修保养
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          风神
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麻城
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          感叹号
## sms_words_train$type      No      Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连接
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          黄色
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          创想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常熟
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          常见
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##		男科		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		过长		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		冰袋		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		抗暑		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		敷冰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		疲劳		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		眼罩		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          睡眠
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          缓解
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          嘉宾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          打分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          组成
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          表现
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          评审团

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          选手
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          亲们
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9942857143 0.0085714286
##
##          想学
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          犹豫
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          西语
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气死
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          兴趣
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          剧
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          我爹
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          转给
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          中国电信集团
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          酷酷
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          两次
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          个一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得来
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          扁桃体炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各类
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 0.994285714 0.008571429
##
##          最高
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 0.992857143 0.010000000
##
##          毒物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		率		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.000000000	0.002857143	
##				
##		药物		
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		误食		
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		保全		
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##		手		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##		机密		
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		半身裙		
##	sms_words_train\$type	No	Yes	
##		0 1.000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          评价
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          狼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          金刚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不痛不痒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          语言
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          奔驰

```



```
## sms_words_train$type           No           Yes
##           0 0.9996825397 0.0006349206
##           1 0.9985714286 0.0042857143
##
##           年代
## sms_words_train$type           No           Yes
##           0 0.999047619 0.001269841
##           1 1.001428571 0.001428571
##
##           拼
## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.001428571 0.001428571
##
##           难分难解
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           一处
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           严重
## sms_words_train$type           No           Yes
##           0 0.997460317 0.002857143
##           1 1.001428571 0.001428571
##
##           公交
## sms_words_train$type           No           Yes
##           0 0.998571429 0.001746032
##           1 1.001428571 0.001428571
```

```

##
##          恒逸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破损
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          站台
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          聚合物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          虎路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          衙前
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镇成
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          期限
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          奖品
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拿走
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          最有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各大
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          多能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		自主		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		不让		
##	sms_words_train\$type	No	Yes	
##		0 0.998253968	0.002063492	
##		1 1.001428571	0.001428571	
##				
##		各国		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		恐怖分子		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		绑架勒索		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		赎金		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		停不下来		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          根本
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          前提
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          完善
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          行政复议
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商业活动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          推销
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          武汉

```

	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 0.992857143	0.010000000
##	沙龙		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##	美发		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##	首创		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##	人员培训		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##	录用		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##	昌平区		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          汇报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          演出
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          两岸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佩斯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各异
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          布达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河上
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纽带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风姿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全免
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华中
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          发团
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          旅行社
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```



##		日游		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		每周六		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		港澳		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		潜江		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		章		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##		费用		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##		开发工具		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          指定
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.992857143 0.010000000
##
##          据说
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          气垫
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          浮粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          略
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贴妆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轻薄

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      透气
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      高档
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9942857143 0.0085714286
##
##      卫生所
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      心镇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      接入
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      村级
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          电脑硬件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          配备
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          区别
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          主办权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冬季
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          奥林匹克运动会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          届
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一件
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.990000000 0.012857143
##
##          七折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          三件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          八折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          正价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          节庆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

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##          芬狄诗
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好东东
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇到
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炳
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          物资贸易
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不合
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之间
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302

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##          1 0.998571429 0.004285714
##
##          儿童
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          常因
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大风
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          景观
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          板
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 0.994285714 0.008571429
##
##          沿海

```

	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##	适合		
##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.000000000	0.002857143
##	嫩肤		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##	水光		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##	注射		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##	润		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##	疗法		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714



```

##
##          四个
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          字通
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          报业
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          河南日报
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谈
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.0000000000 0.002857143
##
##          走进
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          中型
## sms_words_train$type      No      Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凤凰
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          助您
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          大客
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          客车
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          挂车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##

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```
##          考场
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          资格证
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          驾驶证
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          学生票
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学生证
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蹭
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          吸尘器
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
```

```

##          1 1.0014285714 0.0014285714
##
##          地贝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          扫地
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拖地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝牙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          七月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分校

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      太奇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      考研
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亲友
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      属实
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      内容
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 0.998571429 0.004285714
##
##      列入
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```

##
##          加塞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          违法行为
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          伪军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          余人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          取得
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          日军
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          歼灭
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          困难职工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多人次
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          救助
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          仁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太阳
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          签名
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9995238095	0.0007936508
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603



```

##          1 1.0014285714 0.0014285714
##
##          美橙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资源
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          公务人员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          混饭吃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德系
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          总公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          方便

```

##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 0.992857143 0.010000000	
##			
##		枫华景	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		样板间	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 0.9971428571 0.0057142857	
##			
##		电视台	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0000000000 0.0028571429	
##			
##		撤回	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		巨大	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 0.9971428571 0.0057142857	
##			
##		漏洞	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	

```
##
##          空
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          证
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          大学
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          考不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锤子
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          出品
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可靠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          投顾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稳定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首选
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          鲲鹏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卵细胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          攻占
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脑细胞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          远比
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上周
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          克莱斯勒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全漏洞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          继
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          通用汽车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佩戴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          隐形眼镜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当做
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          替身

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生死与共
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      未知数
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      副总裁
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      视觉
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      不断
## sms_words_train$type      No      Yes
##      0 0.997936508 0.002380952
##      1 0.997142857 0.005714286
##
##      创业家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          创始人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          创新能力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成长
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          本文
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          工行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          符军
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          子宫
## sms_words_train$type          No          Yes

```



```

##          0 0.998095238 0.002222222
##          1 1.000000000 0.002857143
##
##          查
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          骗子
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          心中
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          比起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清净
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漫山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          甘肃
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          绿色
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          草场
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遥远
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那片
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信合卡
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          石教彬
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

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##          1 1.0000000000 0.0028571429
##
##          蔡莲珍
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中间
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          栈道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桥面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玻璃
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          米长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          铺设

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      买个
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中介费
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      主营
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9900000000 0.0128571429
##
##      乳化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      事情
## sms_words_train$type      No      Yes
##      0 0.9977777778 0.002539683
##      1 1.0000000000 0.002857143
##
##      剩下
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429

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```
##
##          加温
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          厂长
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大小
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          山东省
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          改性沥青
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          最低
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9742857143 0.0285714286
##
##          武城县
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          沥青
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洒布
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王胜林
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          盛远
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          罐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          而定
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		规格		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		设备厂		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		车载式		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		配送		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		化学成分		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		含有		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		天然		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	

```

##          1 1.001428571 0.001428571
##
##          某种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          植物
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          蔬果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上顶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体校
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          区少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炎炎

```



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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      训练场
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      运动员
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      护士
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 1.001428571 0.001428571
##
##      穿刺
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      刘艳艳
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      千载难逢
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          四楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          打扰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          新百
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          有限
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9742857143 0.0285714286
##
##          淮南
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          登路普
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          货品
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          侵略
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吞并
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大陆
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          征服
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所谓
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          朝鲜
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

```

##          统治集团
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          今年以来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德州
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泉州
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          字
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          店来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打印
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571

```

```

##          1 1.001428571 0.001428571
##
##          打进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          营养
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          人流
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          宫腔镜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上海浦东国际机场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          埃塞俄比亚

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      徐徐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      降落
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      卡西
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      同人展
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      同人本
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小天使
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          迪恩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丑死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奶奶
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          体
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          博采
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          品
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9842857143 0.0185714286
##
##          唬
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          嘉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          大红鹰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          娱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          斗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          楽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          樂城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##		牌		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9942857143	0.0085714286	
##				
##		百		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9957142857	0.0071428571	
##				
##		網上		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##		育		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##		警		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9942857143	0.0085714286	
##				
##		龍		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9942857143	0.0085714286	
##				
##		一把		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          一旁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八戒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好开心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          人造卫星
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上脚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不累
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穿久

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		绝对	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.000000000	0.002857143
##			
##		舒服	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		免费资源	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##		舍得	
##	sms_words_train\$type	No	Yes
##		0 0.999841269	0.0004761905
##		1 1.001428571	0.001428571
##			
##		传导	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##		势必会	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571

```
##
## 背后
## sms_words_train$type      No      Yes
## 0 0.999365079 0.000952381
## 1 1.001428571 0.001428571
##
## 风险
## sms_words_train$type      No      Yes
## 0 0.998888889 0.001428571
## 1 1.000000000 0.002857143
##
## 上合
## sms_words_train$type      No      Yes
## 0 1.000000000 0.0003174603
## 1 1.001428571 0.0014285714
##
## 前行
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.001428571 0.0014285714
##
## 大使
## sms_words_train$type      No      Yes
## 0 1.000000000 0.0003174603
## 1 1.001428571 0.0014285714
##
## 李辉
## sms_words_train$type      No      Yes
## 0 1.000000000 0.0003174603
## 1 1.001428571 0.0014285714
##
## 金砖
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驻
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          三八节
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9728571429 0.0300000000
##
##          同庆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          姐妹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          阿芬
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商务部
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          文化部
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经贸委
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马云比
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          制度性
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剥削
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收益
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9871428571 0.0157142857
##
##          人开
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          加油站
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          生意
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          主办
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          通讯
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          半价
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          前夕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海面

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## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          灿
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          鸿
## sms_words_train$type      No      Yes
##          0 0.998095238 0.002222222
##          1 0.998571429 0.004285714
##
##          放歌
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          音量
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          储直
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.000000000 0.0028571429
##
##          克服
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.000000000 0.0028571429

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##
##          惶冠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新号
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          详细
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          吵
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吵死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宿舍
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          梦到
## sms_words_train$type          No          Yes

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##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          麻痹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暑期
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          剧组
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          特效
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          糖宝
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          中长跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          丢
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          惨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我害
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          优质
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          入驻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          千机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商标
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0000000000 0.0028571429
##
##          授权
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          深圳市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电商
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          百汇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          兆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          公益
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          办

```

##	sms_words_train\$type	No	Yes
##		0 0.998571429	0.001746032
##		1 1.000000000	0.002857143
##			
##		团区委	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		惠阳	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.000000000	0.0028571429
##			
##		毒品	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		淡水	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.000000000	0.0028571429
##			
##		珍爱	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		禁毒	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571

```

##
##          街道办
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鞋厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丽致
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          五折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          外景
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          套系
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          应城
## sms_words_train$type          No          Yes

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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日至
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.991428571 0.011428571
##
##          龙摄影
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          办完
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吃饱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打完
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          见
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```

##	饿			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	丁亚辉			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	主任			
##	sms_words_train\$type	No		Yes
##		0	0.999047619	0.001269841
##		1	1.001428571	0.001428571
##				
##	副			
##	sms_words_train\$type	No		Yes
##		0	0.998412698	0.001904762
##		1	1.001428571	0.001428571
##				
##	心内科			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	之约			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	唐太宗			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603



```

##          1 1.0014285714 0.0014285714
##
##          定立
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李世民
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          死刑犯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          源起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人造
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          塞纳河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          度假

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## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      沙滩
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      滚珠
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      两辆车
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      僵持
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      微友
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      红灯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          逆向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北卡罗来纳州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发电场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          签约
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          表示
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 1.001428571 0.001428571
##
##          风力
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          停留
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不用谢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剧场版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火影忍者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          点击
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          终
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          雷锋
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          三汇
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          从速
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          双立人
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          圣象
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          地板
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          巨惠
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          锅具
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          预购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          三
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.991428571 0.011428571
##
##          企业家
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          具有
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          多样化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天生
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          思维

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      集团化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      劇場版
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      建議
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      售票机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      东航
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      乘务员
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          安全员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年度
## sms_words_train$type          No          Yes
##          0 0.9988888889 0.001428571
##          1 1.0000000000 0.002857143
##
##          一打
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.997142857 0.005714286
##
##          唯一
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.0000000000 0.002857143
##
##          停
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凉席
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          半夜
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          吊扇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          场景
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          姑姑家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意识
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          模糊
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		清晰		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		热醒		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		玩电脑		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		秒钟		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		第二天		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		脑子里		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		转向		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          醒来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闪过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新西兰
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          柠檬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          引入
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          扰

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      扰流板
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      流片
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      碳纤维
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      进气口
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      万平方米
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      万立方米
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          开采
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石材
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          利息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          我哟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          简单
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.990000000 0.012857143
##
##          银行贷款
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          额度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          凌晨
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          多名
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          旅客
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          未
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          滞留
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381
##	1	1.001428571	0.001428571
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.998888889	0.001428571
##	1	0.997142857	0.005714286
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.998253968	0.002063492
##	1	0.998571429	0.004285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.00	

```

##          1 1.0014285714 0.0014285714
##
##          点赞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镇静
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青瓜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全景
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          游乐场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湾

```



##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##	天荒地老		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	县		
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.000000000	0.002857143
##			
##	下雨		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	漂亮		
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.997142857	0.005714286
##			
##	撤离		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	路径		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429

```
##
##          避风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小孩
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          意味着
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          自立更生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碾死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起诉
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          驾车
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          攻击
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          视角
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          \
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          会儿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          半小时
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

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##          看书
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          为您服务
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          借款
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工薪
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          解决困难
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          财源滚滚
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          贷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

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##          1 0.9900000000 0.0128571429
##
##          中报
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          利润分配
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拟
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          环保
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          盛运
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转增
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唱起

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      无缘无故
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      林志颖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      爸爸
## sms_words_train$type      No      Yes
##      0 0.998571429 0.001746032
##      1 1.001428571 0.001428571
##
##      子女
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      父母
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 1.001428571 0.001428571
##
##      血缘关系
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
##          外周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          溃疡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          足部
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          客人
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          份
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          盆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          育苗
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九招
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          修眉
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          大法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          接头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		没弄		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		马桶		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##		一架		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		乘客		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.0011111111	
##		1 1.001428571	0.001428571	
##				
##		相撞		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		下班		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		服务中心		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	

```

##          1 1.0000000000 0.0028571429
##
##          未曾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电影院
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          没街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一座
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          印地安人

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		当时	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.000000000	0.002857143
##			
##		木桥	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		刑事责任	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		应以	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		挪用资金	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		罪	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571

```
##
##          被告人
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          追究
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          撒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          类
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          下定
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          半
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          四批
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开盘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          恒威
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          楼王
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          起价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          印章
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		废旧		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		收回		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		收缴		
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##		枚		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0000000000	0.0028571429
##				
##		销毁		
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##		装有		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		先到		
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302

```

##          1 0.9871428571 0.0157142857
##
##          先得哦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          太平
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          女王
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          女装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          岳西
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          廊桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          礼品

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9700000000 0.0328571429
##
##      秋冬
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9928571429 0.0100000000
##
##      精美
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9842857143 0.0185714286
##
##      魅力
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9957142857 0.0071428571
##
##      鸟
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      图说
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      学妹
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```



```
##
##          教官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          萌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          扎实
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          技术
## sms_words_train$type          No          Yes
##          0 0.997142857 0.003174603
##          1 0.998571429 0.004285714
##
##          驾驶
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          东
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.995714286 0.007142857
##
##          出入口
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          超宽
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          车道
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          连霍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邳州
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高速
## sms_words_train$type          No          Yes
##          0 0.996190476 0.004126984
##          1 1.001428571 0.001428571
##
##          初来乍到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	年前		
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 0.998571429	0.004285714
##			
##	惊艳		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##	舞姿		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##	卸妆乳		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##	好闻		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##	甜甜的		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##			
##	乳腺		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603

```

##          1 1.0000000000 0.0028571429
##
##          卵巢囊肿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          增生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          此方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疗效
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肌瘤
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          芝加哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞到

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		严格	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		办案	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		检察官	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		程序	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571
##			
##		昆山	
##	sms_words_train\$type	No	Yes
##		0 0.997460317	0.002857143
##		1 1.001428571	0.001428571
##			
##		机构	
##	sms_words_train\$type	No	Yes
##		0 0.998730159	0.001587302
##		1 0.998571429	0.004285714

```

##
##          矫正
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          定价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          床位费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          照料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          费由
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          容易
## sms_words_train$type          No          Yes

```

```

##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          感冒
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          时段
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          眼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          睡觉时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从来不
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吹响
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		哨		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		杀		
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	
##		1 1.001428571	0.001428571	
##				
##		好处		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		旅行		
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.000000000	0.002857143	
##				
##		节省时间		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		小屯		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		涵		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          清河
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          王明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          证实
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          邢台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          分级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          与众不同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲属

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      估计
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 1.001428571 0.001428571
##
##      贪官
## sms_words_train$type      No      Yes
##      0 0.999047619 0.001269841
##      1 1.001428571 0.001428571
##
##      那帮人
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      医患
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      流血事件
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      害得
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          营业厅
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          农业银行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          曾艺联
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          反复
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          常服
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吴宗翰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          季未播
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开口
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          汪峰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甘当
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          色
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          那姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	重返		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	北塘区		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	北大街		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	后祁街		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	以此类推		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	0.9985714286	0.0042857143
##			
##	六福		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	0.9985714286	0.0042857143
##			
##	再减		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          封顶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          底价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          打折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          抄
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          折后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9914285714 0.0114285714
##
##          每克
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          禧

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		记住	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		中介	
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571
##			
##		为例	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		二手	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		名校	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		学区	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9985714286	0.0042857143

```
##
##          负责人
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          利用
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          完整性
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          山体中
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          开凿
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          栖霞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##
##          灰岩
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碑材
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          该处
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阳山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          确诊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改善
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          最佳
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##

```

```

##          条例
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燥热
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产品 图片
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          价位
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          共赢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          关注
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          办公
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 0.9985714286 0.0042857143
##
##          实
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          库存
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          批发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          木家具
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          民用
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胜芳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          请加

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		质量	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.000000000	0.002857143
##			
##		长期	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9942857143	0.0085714286
##			
##		陈	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9928571429	0.0100000000
##			
##		以前	
##	sms_words_train\$type	No	Yes
##		0 0.998095238	0.002222222
##		1 1.001428571	0.001428571
##			
##		泥	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		误导	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```

##
##          恶心
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          熟知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夏日
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          帮扶
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          清凉
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          送去
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小编
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          扒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          财富网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          齐鲁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三斤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          争霸赛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##	亲朋好友			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	公益活动			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	减脂			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	增加			
##	sms_words_train\$type	No	Yes	
##		0 0.998571429	0.001746032	
##		1 0.997142857	0.005714286	
##				
##	巨资			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	带来			
##	sms_words_train\$type	No	Yes	
##		0 0.998412698	0.001904762	
##		1 0.998571429	0.004285714	
##				
##	广大			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

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##          1 0.9942857143 0.0085714286
##
##          店面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          招募
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          提倡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          烦恼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          特斥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          肥胖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          肥胖者

```



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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      达人
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      逢年过节
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      重视
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      首届
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9985714286 0.0042857143
##
##      黄金时代
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      不配
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          代步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文职
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肌肉男
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          钮里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凉快
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华妃
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          娘娘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          橙汁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          王祖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          角色扮演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##		南 口		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		居庸关		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		德胜口		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		泥坑		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		狂妄滥炸		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		东区		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0000000000	0.0028571429
##				
##		制约		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          加强
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          双方
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          揭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环保部门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吊灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          延误
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          意外保险

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      协警
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      安保
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      淑浦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      组织法
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      聘任制
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          警
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          召唤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          声响
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滴
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          鼠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卞新国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文法
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监狱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          北面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太仓市
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          昆山市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          相邻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.999365079	0.000952381
##	1	1.001428571	0.001428571
##			
##			
##			
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.000000	

```

##          1 1.0014285714 0.0014285714
##
##          马拉多纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古 建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          探访
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法学院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          现状
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          非国有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下列

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      人民检察院
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      公安机关
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      情形
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      万抵
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      具
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      凭此
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143

```

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##
##          可享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          品鉴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          多来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          性价比
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          看房
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          短信
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.990000000 0.012857143
##
##          顺祝
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          一类
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          内河
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          刘玲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          包住
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天不包
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          报名费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##	海盈			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	能过			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	船务			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	船员			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	船长			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	上证指数			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	支撑位			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          明显
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          确立
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上交所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交易
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          修改
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          实施细则
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第十五条

```

```
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           融资
## sms_words_train$type           No           Yes
##           0 0.998253968 0.002063492
##           1 0.997142857 0.005714286
##
##           发动机
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0000000000 0.0028571429
##
##           沿用
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           预计
## sms_words_train$type           No           Yes
##           0 0.997936508 0.002380952
##           1 1.001428571 0.001428571
##
##           照片
## sms_words_train$type           No           Yes
##           0 0.996666667 0.003650794
##           1 1.001428571 0.001428571
##
##           截止
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 0.9928571429 0.0100000000
```



```

##
##          冷柜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          领袖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          优
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          唯
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          聚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          俩
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          公寓
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          搭伙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过日子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四六
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海门市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          种子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两年
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##

```

```

##          没带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          油卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大千
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大善
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提花
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          纺织
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          织物
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          绍兴县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绍兴市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美能达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东台
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          展团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巨力

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      机械
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 0.998571429 0.004285714
##
##      不周
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      余
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      发言
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      因应
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      永丰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          股东
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          责任
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          轮番
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          浏览器
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          便秘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          胃炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胃痛
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食指
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食欲不振
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          参赛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          夺冠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忻城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	赛事		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	主场		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	对阵		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	恒大		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0000000000	0.0028571429
##			
##	江苏舜天		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	忘恩负义		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	投诉		
##	sms_words_train\$type	No	Yes
##	0	0.999206349	0.0011111111



```

##          1 1.001428571 0.001428571
##
##          知识产权
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          人来查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社保局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          免征
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加上
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          房产税
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          推算

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      卖淫
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      告破
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      团伙
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      余只
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      具备
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      小鸟
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          放归
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          投给了
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          置业
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          莹莹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          选项
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中兴
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          任意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9885714286 0.0142857143
##
##          倩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          倩碧小蝶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          反
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          套装
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##

```

```

##          碧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          业主
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          亏本
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          几分钟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          区联排
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华侨城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          复式
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          儿女
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          少儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          没放
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没放家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湖南卫视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          还珠格格
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          但雨

```

```
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           生产
## sms_words_train$type           No           Yes
##           0 0.998888889 0.001428571
##           1 0.991428571 0.011428571
##
##           花茶
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           前面
## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.001428571 0.001428571
##
##           流言
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           地位
## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.001428571 0.001428571
##
##           控制
## sms_words_train$type           No           Yes
##           0 0.998412698 0.001904762
##           1 1.000000000 0.002857143
```

```

##
##          牢牢
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          霸主
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          批量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          格力空调
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          人物画
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奠基人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开拓者
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水墨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          强
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          情
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          樂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          登
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##

```

```

##          专营
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          从优
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          厂家直销
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          岗岩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          批零兼营
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          棕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          红
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508

```

```

##          1 0.9971428571 0.0057142857
##
##          金沙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          丧失
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          勇气
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          抓住
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          抢劫
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 1.001428571 0.001428571
##
##          段时间
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          地球

```

##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		维生素	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		起源于	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		前一天	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		动漫	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		电玩	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		三餐	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          两班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          住
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 0.992857143 0.010000000
##
##          单价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          厂里
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          坐班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          服
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          流水线
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          防静电
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          主赐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十字架
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          厘米
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          基督教
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挂件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		饰品			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		假摔			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		坎贝尔			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		禁区			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		裁判			
##	sms_words_train\$type	No		Yes	
##		0	0.9977777778	0.002539683	
##		1	1.001428571	0.001428571	
##					
##		黄牌			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		外界			
##	sms_words_train\$type	No		Yes	
##		0	0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          认知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女孩
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          一黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太差
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新天地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          晕过去

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		眼前	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		空气	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.998571429	0.004285714
##			
##		这站	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		半天	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		价钱	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		孙耀龙	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          担保
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.990000000 0.012857143
##
##          效率
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          民生
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          认可
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          诉保部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冯磊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舒
## sms_words_train$type          No          Yes

```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          费电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地中海
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小朋友
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          患有
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          贫血
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马鸿凯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	花店			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	花穗庄			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	鲜花			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	床垫			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	谁家			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	三年			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 0.997142857	0.005714286	
##				
##	五嘉			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

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##          1 1.0000000000 0.0028571429
##
##          会籍
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大都会
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小迪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          预售
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          为主

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      华硕
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      对面
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9842857143 0.0185714286
##
##      电脑科技
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      监控
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      组装
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      联想
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143

```

```
##
##          骏速
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麻章区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麻赤路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蛛丝马迹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出自
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一群
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          市民
## sms_words_train$type          No          Yes
```

```

##          0 0.998095238 0.002222222
##          1 1.001428571 0.001428571
##
##          火车站
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          迷失
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          怦然
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          星动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.001428571 0.0014285714
##
##          视频新闻
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          徐格
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##

```



##	河			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.000000000	0.002857143	
##				
##	溧阳			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	笪			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	出庭			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	证人			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	质证			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	两只			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          中集集团
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          優惠
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全場
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          地素
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          我們
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          折上
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          時間

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      活動
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      珠珠
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      皇庭
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      親愛
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      還可
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      实用
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714

```

```
##
##          京
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          價格
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          內
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          名額有限
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年北
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          扣扣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          料
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          最优
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          會
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          渠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          確定
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          請速加
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          计
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

##	資			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	開通			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	風險			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	恭賀			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	說客			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	隆重開業			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	震川路			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          及格
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          降到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外存
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全隐患
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拆
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          电线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电表

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      电表箱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      裸露
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      曝
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      读史
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      增速
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      纺织品
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```
##
##          领域
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          喝
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.000000000 0.002857143
##
##          古羌
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          茂县
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.001428571 0.0014285714
##
##          专
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          专注
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          业性
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          书店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          嘉园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          培
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          必须
## sms_words_train$type          No          Yes
##          0 0.998095238 0.002222222
##          1 0.998571429 0.004285714
##
##          数学方法
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	校址			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	电			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9871428571	0.0157142857	
##				
##	解放			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	训			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	中生代			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	佼佼者			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	俞			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          永福
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          视为
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          二季度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预期
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          一支
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          兼

```

```

## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          外国
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          插
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          笔
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          纸
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大段
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本集
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          画面
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          分辨率
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          太低
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          千万
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          两百多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乳房
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舍不得
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巧合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影片
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          滥用
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          自拍
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          南环路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          宴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛头
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          定就送
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恭候
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9900000000 0.0128571429
##
##          整体厨房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          橱柜
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          海尔
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 0.9971428571 0.0057142857
##
##          丹凤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          付某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彭某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          棣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          琐事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          称其
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老伴

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      老翁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      商铺
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9928571429 0.0100000000
##
##      方便之门
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      博主
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      壳
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      提到
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          避雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东京
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墨东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡逻车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本田
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          警察署
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          警视厅
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          课用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无线
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          再也不是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白屏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寻求
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          希腊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381
##	1	1.001428571	0.001428571
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9995238095	0.0007936508
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905

```

##          1 1.0014285714 0.0014285714
##
##          逃荒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上下行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          互通
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          匝道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          城西
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盐
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          进出口

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      走得快
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      买赠
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9957142857 0.0071428571
##
##      享
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9871428571 0.0157142857
##
##      件套
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      多重
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9957142857 0.0071428571
##
##      宠爱
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          惊喜
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9857142857 0.0171428571
##
##          武商
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          雅诗兰黛
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          不好
## sms_words_train$type      No      Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##
##          人均
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          可支配
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城镇居民
## sms_words_train$type      No      Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一次次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          容忍
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          战败
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脸型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          请问
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          旺旺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          干音
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          录过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整理
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          文件夹
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          翻出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          伊通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          除皱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          开通
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          直航
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代办

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      代理
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 0.997142857 0.005714286
##
##      凯信
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      发票
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      变更
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      财务
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      发生
## sms_words_train$type      No      Yes
##      0 0.995396825 0.004920635
##      1 1.001428571 0.001428571

```

```
##
##          合同
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          尼玛
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          接近
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          谈到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保护层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墙里
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发送到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电话号码
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          个人信用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建立
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          摄于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##                      陆地卫星
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      怎么回事
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      爱奇艺
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      艺花千骨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      助学
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      生源
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      郑州市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          三高
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深海鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粒
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          无聊
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          蛮
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          一方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          争来争

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		任何人	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		偏袒	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		微博上	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		汪	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		牛鹿	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		看来	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.001428571	0.001428571

```

##
##          脱团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小护士
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          翻遍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          你国
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          国民
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一堂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          七彩
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          丰站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关工委
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          启航
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暑托班
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱心
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          王奶奶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          生动有趣
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老干部
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲座
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          十三年
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          退休
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          退休费
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          造成
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841

```

```

##          1 1.001428571 0.001428571
##
##          体重
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          公斤
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          寡头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资本主义
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杠杠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标志
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          誓颜

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      试验
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      亚太
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      北美
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      布局
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      众人
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      回事
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          花千骨里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少林寺
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          愤慨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佳美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冬装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          折有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万款
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万豪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          南路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          口
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.997142857 0.005714286
##
##          团购网
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大巴
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          康路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```

##          折起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9885714286 0.0142857143
##
##          滨
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          长江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          想家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          登机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          去年
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841

```

```

##          1 1.000000000 0.002857143
##
##          美元
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          伤害
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          厉害
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          害怕
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          贿赂
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          及凯雷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          润滑油

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          股权
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          达成协议
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          霍氏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二手手机
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          退
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          骗花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          世 奥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地 上
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          备受瞩目
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大 厦
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          层 数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          层 降
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建 筑
## sms_words_train$type          No          Yes

```

```

##          0 0.995238095 0.005079365
##          1 0.998571429 0.004285714
##
##          中城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伟业
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          九寨沟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲破
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          束缚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热情
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##

```

##	前端开发		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	文案		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	江宁		
## sms_words_train\$type	No	Yes	
##	0	0.9995238095	0.0007936508
##	1	1.0014285714	0.0014285714
##			
##	编辑		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	薪水		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	面议		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	0.9971428571	0.0057142857
##			
##	岂不是		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          数据库
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          判刑
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          理解
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          轻
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          歌曲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          决心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          传销案

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      异地
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      资本运作
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      到手
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      球
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      益智
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      直邮
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714

```



```
##
##          迷宫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          内蒙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          榆林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          沒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          沒面子
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          煤矿
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          煤炭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          石头
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          装车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大号
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          存放
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          接档式
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          用于
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          纸币
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          隔层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首付
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          会议
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          徐宿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          成员
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          指挥部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淮盐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          获悉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          铁路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          强行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          换成

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	音频		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	悟出		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	我刚		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	日期		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 0.997142857	0.005714286
##			
##	辩论		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	孕妈们		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          身体
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 0.997142857 0.005714286
##
##          依旧
## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          好奇
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          热情高涨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电视剧
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          究竟
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          追
## sms_words_train$type      No      Yes
```

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##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          合理
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          男
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          吞人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          未敢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          功效
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##

```

##	喝有			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	枸杞子			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	泡水			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	区域			
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.0011111111	
##		1 1.0000000000	0.002857143	
##				
##	大中华			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	金融体系			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	灿鸿			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	



```

##          1 1.0014285714 0.0014285714
##
##          八月份
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昆明
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          价卖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第一件
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          众志成城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恒星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搜索

```

##	sms_words_train\$type	No	Yes
##		0 0.998571429 0.001746032	
##		1 1.001428571 0.001428571	
##			
##		榜单	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		璀璨	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		官网	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		大师	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 0.9985714286 0.0042857143	
##			
##		如需	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9971428571 0.0057142857	
##			
##		杜	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9985714286 0.0042857143	

```

##
##          杜杰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          现已
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          筑巢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          号口
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          打电话
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9957142857 0.0071428571
##
##          迅速
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          列车
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          增开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          虹桥
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          分开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多项
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受益匪浅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##                      已到
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      路过
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      阳澄湖
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      一项
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      他同
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      几句
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      病人
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032

```

```

##          1 1.001428571 0.001428571
##
##          多云转阴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          招牌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天津站
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          汉沽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百货大楼

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		开销	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		漂	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		租房	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		加赠	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		厦门市	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		来雅	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          欧莱雅
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百货
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          偶遇
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          匠心
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华严寺
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古建筑
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          山西
## sms_words_train$type      No      Yes
```



```

##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          斗拱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          营造
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          讲课
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          主治医生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兄弟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		剖开		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		召集		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		大腿		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		思考		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		民工		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		病理		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		装模作样		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          不限
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          正月十五
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          皇利厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          长白
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          雅瑶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          买入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保证金

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      流出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      港股
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      通净
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      整形医院
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      济南
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      主旋律
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          公安
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          弘扬
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          能量
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          市场营销
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高校
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          万人次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          客流量
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日均
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          双待
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          现价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          红牛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          酷派
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

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##          国省道
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          塌方
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多个
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          多处
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          专业化
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保洁员
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家政
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          奔赴
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          完满
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搭建
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          舞台
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          未知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泪
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          混蛋

```



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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      血汗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      到货
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      唯美
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      星空
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      舒适
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9971428571 0.0057142857
##
##      东水
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          巨作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          明石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生长
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          虐心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          立法
## sms_words_train$type          No          Yes
```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          以极
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前列
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          票数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深夜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          空降
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          重量级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          一到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过敏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          鼻炎
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          保险
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          实物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          没能
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电请
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

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##          1 1.0000000000 0.0028571429
##
##          耿京京
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不可
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          品质
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          不带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内部
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          卧室
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          卫生间

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##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	浴室		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	哒		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##	新东方		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	柔软		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	营养成分		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	下摆		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```
##
##          大显
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宽大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甜美
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          脱俗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐高有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          螨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尖端
## sms_words_train$type          No          Yes
```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          干细胞
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          成分
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          核心
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          走来走去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          门口
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##
##          华裔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          好多
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          弱势
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          所指
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          化学物质
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          添加
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          西地那非
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          七
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          心目
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          搞对象
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          形单影只
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抱
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          国际法

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小队
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      户外
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      丑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      候机楼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      北京西
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      正定
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
## 仍然
## sms_words_train$type      No      Yes
## 0 0.999365079 0.000952381
## 1 1.001428571 0.001428571
##
## 早期
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 刊登
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 杂志
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 涉及
## sms_words_train$type      No      Yes
## 0 0.999206349 0.0011111111
## 1 1.001428571 0.001428571
##
## 范围
## sms_words_train$type      No      Yes
## 0 0.999206349 0.0011111111
## 1 1.0000000000 0.002857143
##
## 大夫
## sms_words_train$type      No      Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          紧张
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          击碎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          反手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咚咚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          把梦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看透
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

商标设计			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
广告设计			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
样本			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
棒棒			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
海瑞			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
玛			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
策划			
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206

```

##          1 1.0014285714 0.0014285714
##
##          一条
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          丝巾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天奴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奴小
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奴特于
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          彭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          数

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9985714286	0.0042857143
##			
##		株	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		楼马天	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		百五	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		祝福	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9942857143	0.0085714286
##			
##		赠马	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		马天	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429



```

##
##          前期
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          存活
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年限
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          延长
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          合格
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          同志
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          测评
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗春源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考察
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          追得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          难过
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          七星
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中奖号码
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		体彩		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		开出		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		不锈钢		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		价格比		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		价格表		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		制品		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		型材		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 0.9985714286 0.0042857143
##
##          材料
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          板材
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          磨砂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          询价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          锈钢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          镜面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          决议

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      反对
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      国
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 0.997142857 0.005714286
##
##      大屠杀
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      安理会
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      就美
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      尼察
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          布雷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          弃权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          斯雷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纪念
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          英
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          草案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表决
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人民调解
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          六
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          司法
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.001428571 0.001428571
##
##          法律援助
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          组织
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.001428571 0.001428571
##

```

##		小猪		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		录制		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		极限		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		碰上		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		敛财		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		村长		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		知法犯法		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          违法犯罪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          偷件
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          物品
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          白云
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          集体
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          会考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          六年级

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		初	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		初三	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		各科	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		培优	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		托管	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		晚间	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429

```
##
##          生物
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          精讲
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          辅优
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          辅导班
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一条街
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秀场
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笑话
## sms_words_train$type      No      Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          你用
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          光纤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          喔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          宿舍楼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          校园
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          福利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##

```

```

##          送红米
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          闪讯
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          预存
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          报
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          结算
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          业界
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再来
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          景深
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          焦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高大
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          大屏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          乐享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          免费打
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宽带

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9928571429	0.0100000000
##			
##		市话	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		每月	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9942857143	0.0085714286
##			
##		消	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		长途	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9985714286	0.0042857143
##			
##		脚本语言	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		输出	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##      か
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      た
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      の
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      は
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      み
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      ら
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      い
## sms_words_train$type      No      Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          エ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          シ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          ツ
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          ツ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          ト
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          フ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		ヨ		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		レ		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		並		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		写真		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		見		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		鐘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		挖		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          犯罪案件
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          职务
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          买买
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拿个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地税局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          尉犁县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清理

```

```
## sms_words_train$type           No           Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          打招呼
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上市公司
## sms_words_train$type           No           Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          利益
## sms_words_train$type           No           Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          解密
## sms_words_train$type           No           Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          负债
## sms_words_train$type           No           Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          链
## sms_words_train$type           No           Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
```

```
##
##          公司法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          符合
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          证券法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解析
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          吉祥物
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鱼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          假装
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          戏剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挖掘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          提出
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          文化厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爬起来
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	0.9914285714	0.0114285714
##			
##			
##	0	0.9998412698	0.0004761905
##	1	0.9885714286	0.0142857143
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0000000000	0.0003174603

```
##          1 1.0014285714 0.0014285714
##
##          小妹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          带回
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          特产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          势力
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挑动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新纳粹
```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      秘密警察
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      西德
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      借给
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      同事
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      不好意思
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      传说
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          隔行如隔山
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公众
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          植入
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一间
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼道
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三文鱼
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          音译
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          图中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          变化
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          女主
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          容貌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          幂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清纯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	终结		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	逆		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	郭采洁		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	高冷变		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	上青		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	焗		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	热辣辣		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          紅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蘋果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          午餐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贫困山区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻木
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事故
## sms_words_train$type          No          Yes
##          0 0.997777778 0.002539683
##          1 1.001428571 0.001428571
##
##          停运

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      协和式
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      客机
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      一口
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      面条
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      太原
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      沈阳
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          长春
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          人财物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收受
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          非法
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          弟弟
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          这年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一肖中特
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三肖中特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二肖中特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四肖中特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羊马
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羊龙鼠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```



##	肖			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9957142857	0.0071428571	
##				
##	虎狗马			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	马龙			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##				
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	令人			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	抵抗			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	搭乘			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          中型车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凯迪拉克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          将会视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中关村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创造
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          工程师

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      找寻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      新型
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      柔韧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      海马
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      突破
## sms_words_train$type      No      Yes
##      0 0.998730159 0.001587302
##      1 1.000000000 0.002857143
##
##      自然界
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          造福人类
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妇产医院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恭祝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盛大
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          艾玛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诸暨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敏感性
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看重
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          博亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          右侧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          名义
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		职校		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		补课		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		长平		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		二代		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		好友		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		富		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9985714286	0.0042857143	
##				
##		政区		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          红酒
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          统战部长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行领
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讨厌
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          长官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          震惊
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          字体

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      制版
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      商城
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      室内设计
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      平面设计
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      春华
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      本科学历
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```
##
##          灵溪
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          职业培训
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          进修
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三九
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          三五
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          三六
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两红中
## sms_words_train$type      No      Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          两边
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          中特码
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          九尾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          十八
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          四九
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好马出
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		家中		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##		旺出		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		本期		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9942857143	0.0085714286	
##				
##		正月		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		猪牛		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		鸡家		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		创建		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          加快
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          景区
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          核心区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清西陵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          编制
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          进程
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          伤口

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      沾水
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亚美
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      制冷
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      建材工业
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      经理
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9857142857 0.0171428571
##
##      翅片
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          铝业
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          铝排
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冥王星
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          匆匆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          卡戎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          擦
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          怎麼
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有點
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          覺得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          這
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一年期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          一袋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          万可
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	0.9995238095	0.0007936508
##	1	0.9985714286	0.0042857143
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.000000000	



```

##          1 1.0000000000 0.0028571429
##
##          唐山
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          大米
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          春季
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9842857143 0.0185714286
##
##          汤圆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          特此
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          硕宏程
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          首播

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一户
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      户
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      找个
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      撤
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      带给
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      新版
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```

##
##          取缔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执法人员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          露天
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          人人平等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          面前
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          基座
## sms_words_train$type          No          Yes

```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          凌云
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坚决
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大快人心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拆除
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          百色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          违建
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          零
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          大王
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          某误
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千骨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太爱花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这部
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111

```

```

##          1 1.001428571 0.001428571
##
##          刷牙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          没关系
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蛀牙
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          中所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          定居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总和
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游览

```

```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          精神
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          会场
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忽略
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          疼爱
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          万事如意
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          亲子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429

```

```
##
##          元以
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          元宵
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9828571429 0.0200000000
##
##          孕婴坊
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          身体健康
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          严禁
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十倍
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          福莱
## sms_words_train$type      No      Yes
```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赵亮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          返
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          违反
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          上萱问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清晰版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          了吧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	太长			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	桥段			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	要脸			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	重复			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	买过			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	信誉			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	任斌			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          山镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          希望工程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          息烽县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秘书长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗朝恒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          返乡

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      青少年
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.0000000000 0.002857143
##
##      青年
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      鹿窝村
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公安分局
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      出警
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      金利
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          高要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三尺
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          有意思
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          打雷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          还梦到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闪电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一阵
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          呼吸声
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼梯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          粗重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十年
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9957142857 0.0071428571
##
##          张波
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          机麻
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	祥和			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	老店			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	造			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	麻将机			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	值班			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	好运			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 0.9971428571	0.0057142857	
##				
##	犯			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0000000000 0.0028571429
##
##          算不算
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          弱视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时期
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          建材装饰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有意
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          咋样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          药品

```



##	sms_words_train\$type	No	Yes
##		0 0.999206349 0.001111111	
##		1 1.001428571 0.001428571	
##			
##		水年	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		特大	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 0.9914285714 0.0114285714	
##			
##		美白补	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 1.0000000000 0.0028571429	
##			
##		多久	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		毕业论文	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		猜猜	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```

##
##          市立
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路面
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          高速路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卖萌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意大利人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之美
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天地
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一语
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          否决
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          很久很久
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          构想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          梦
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          渐渐
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          现如今
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          讫
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          过后
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          令
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          商业地产
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          较少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山水
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          特地
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蜜糖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发疯

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		在手	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		困	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		夜店	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		一共	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##		款	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 0.9828571429	0.0200000000
##			
##		霜	
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.001428571	0.001428571

```

##
## 代表队
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 各区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 支
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.000000000 0.002857143
##
## 省网
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 好些
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 几位
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 导师
## sms_words_train$type      No      Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          转身
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          韩剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华泰
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          试乘试驾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          距离
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          一部
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 0.998571429 0.004285714
##

```



```

##          另有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          多款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          存
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          山地
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          旁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9914285714 0.0114285714
##
##          自行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          购物中心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          高端用户
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中断
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          切口
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          剖宫产
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          处肌层
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疤痕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          肌层

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		薄	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		超声	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		一口气	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##		关上	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		关掉	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		拉上	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          深呼吸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          窗帘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被窝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          钻进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闹钟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          征收
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          期为
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水彩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          素描
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          邮来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          情人网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##                      重装
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 0.9985714286 0.0042857143
##
##                      针灸科
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      问询
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      卢浮宫
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      埃菲尔铁塔
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      标志性
## sms_words_train$type      No      Yes
##                      0 0.9996825397 0.0006349206
##                      1 1.0014285714 0.0014285714
##
##                      陌生
## sms_words_train$type      No      Yes
##                      0 0.999206349 0.0011111111

```

```

##          1 1.001428571 0.001428571
##
##          香榭丽舍大街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产业基地
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拿回扣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          算
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          计较
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          取得联系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当地政府

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		村委会	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		积极	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		一诚	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		不变	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		净水	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		凭卡	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429



```

##
##          千店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大礼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          宅配
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          尚品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          张家口
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          得到
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.994285714 0.008571429
##
##          心动
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          效果图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          水壶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          环节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          百城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          直减
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          看图
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		精 准		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##		虑		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		诚意		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		赢		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		连连		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9957142857	0.0071428571	
##				
##		透明		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		量尺		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          金蛋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          日用品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          针剂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车明军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          野战

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		防卫	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		打的女	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		谁给我	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		口臭	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		病因	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		类型	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
## 医德
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
## 砍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 穿得少
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 论调
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 杰出
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 体制
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 回报率
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太坑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无奈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          老子
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盗窃案
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经历
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          卫士
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          电动车
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          行车
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          辆
## sms_words_train$type      No      Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          来过
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刁难
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          懂吗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搜狐
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```



```

##          1 1.0014285714 0.0014285714
##
##          团圆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          哪类
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          购房者
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          锡城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各地
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          安检

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		出租车	
##	sms_words_train\$type	No	Yes
##		0 0.9977777778	0.002539683
##		1 1.0000000000	0.002857143
##			
##		浪费	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		跳表	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		第四代	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		软件产品	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		隆重	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          拘
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          称若
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自摸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赌资
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          较大
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          麻将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不全
## sms_words_train$type          No          Yes

```

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##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          半挂
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          晋
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          牵引车
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          鄂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重型
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          金国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          一趟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          妹妹
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          探望
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          胖妞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          俩件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          周末
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9914285714 0.0114285714
##
##          狂欢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9957142857 0.0071428571
##
##          琦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          诺曼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          事务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          折纸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中央空调
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冷暖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          变频

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		柜机	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		风管	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		倾向	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		化	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		流氓	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		趋于	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
## 大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 爱美
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 胖到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 进产房
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 标王
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 洋葱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 老王
## sms_words_train$type      No      Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          物超所值
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          全城
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9914285714 0.0114285714
##
##          利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          吉林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          商都
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          套购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

##		席卷		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		欧亚		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##		疯		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		赠礼		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		风暴		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		看不惯		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		辞职		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          不二
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创纪录
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周四
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          墨西哥
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          新低
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早些时候
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比索

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      差距
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      很大
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      相比
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      师兄
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      治好
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一千
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          单身
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          恩爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          虐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          雾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          健美
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          冠军
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          期货价格
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沪
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          深
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          耍流氓
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          内调
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尿酸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##

```

```

##          玻
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          原代
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二页
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诉状
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主人公
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传染
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          调查
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          疑问
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          回收
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          两融
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动态
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          循环
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          保存

```



```

## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      网盘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      每個
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      為
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      負責
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      两张
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      争分夺秒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
##          仅剩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          火车票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张慧帮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          栏目
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江阴
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          唱到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亏
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          待涨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          持股
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          攀爬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之外
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          刺激
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          孕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                      小孩子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      毫升
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      罐瓶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      铝
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##                      症
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##                      缺氧
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      脑供
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          血
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          宿迁
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          往北
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肯德基
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          金鹰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          付费
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          批成

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务商
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          内外
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          千金
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          护乳套
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          护宫
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          消脂
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

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##
##          纤体
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          经道
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          调理
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          顺天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不够
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          小说
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          很怕
## sms_words_train$type          No          Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿到
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          礼券
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          全毁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          容颜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          慈善
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          明
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```



##		水滴		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		交给		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##		储户		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		部位		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		围攻		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		娱乐圈		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		引来		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          揭秘
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          上下班
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          令人讨厌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大公
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼神
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路上
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          陋习

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帕夫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敏捷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时所
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机智
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洛夫斯基
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          珠宝店
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          莫斯科
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          大战
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          女子
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          抢座
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆粗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          衣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          医疗保险
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          持卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社保卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国资
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          投促
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          离职
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          首任
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	机 型			
##	sms_words_train\$type	No		Yes
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	识 别			
##	sms_words_train\$type	No		Yes
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	不 该			
##	sms_words_train\$type	No		Yes
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	露			
##	sms_words_train\$type	No		Yes
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	多 云			
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	东 阳			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	保 底			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	

```

##          1 0.9985714286 0.0042857143
##
##          邵秉霄
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          丝绸之路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          突出
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          塔楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剧院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悉尼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          年轻

```

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## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          盆腔炎
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保息
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          保本
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          全额
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          回购
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          投
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143

```



```
##
##          推介
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          无条件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          早上好
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          本息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          本月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          诚挚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          陈馨
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          港 闸 区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游 乐 区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏 果 超 市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          越 江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路 口
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          匣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          小镇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水力
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涵洞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          船
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          丹阳
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          发言人
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          周二
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          沈
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          刑事
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          担任
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          村居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          民事
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          该镇

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		选派	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		周五	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 1.000000000	0.002857143
##			
##		收拾	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		中会	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		出错	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		梳理	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          步骤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眉毛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          余杭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          尊享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          有礼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          特卖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          特权
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          玩法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          省钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          签到
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          购齐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          任正非
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干部
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##

```

```

##          淘汰
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          终身制
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干净
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          追随者
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三实
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          严
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          修身
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381

```



```

##          1 1.001428571 0.001428571
##
##          大举
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抄底
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          蓝筹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中级
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          普东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上赛季
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈登

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      等于
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      项目经理
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亮丽
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      南区
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      大南门
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      巨献
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857

```

```

##
##          慕  纱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          文  胸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          百  家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          迎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          钢  圈
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          消  失
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          火  焰
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝色
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          五矿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在内
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          外汇储备
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          愿望
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	矿产资源			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	矿山			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	表达			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##	投递			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	收件			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	竭诚			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##	速递			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          韵达
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          听课
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          早教
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          试
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          山乡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岷

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扶贫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          村
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          沙
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          深入
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          盐池县
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻黄
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
## 上班時間
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 班車
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
## 公證
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 四條
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 新婚姻法
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 燈光
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 蘑菇
## sms_words_train$type      No      Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          口袋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相机
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          裤子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数十项
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福建人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南京路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

发小			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	杀毒		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	自带		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	装上		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	空气污染		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	规律		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	辐射		
##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381

```

##          1 1.001428571 0.001428571
##
##          中小学
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          幼儿园
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          开课
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          教育局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          武汉市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洪山区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东风破

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		奏	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		御剑	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		爱上你	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		错	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		长留	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		阡陌	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          九江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          于今
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仪表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大楼
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          小摊贩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强制
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          锅碗瓢盆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中环
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          八时许
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弘福寺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执勤
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          观音
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	黔灵			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	减少			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	
##		1 1.001428571	0.001428571	
##				
##	牙结石			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	色素			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	附着			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	产业园			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	休闲			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	

```

##          1 0.995714286 0.007142857
##
##          合作伙伴
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          寻找
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          影视娱乐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          寿宴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          以内
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          环路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          送到

```



```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      感染
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      扩大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      养肉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      肉
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      元减
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      后满
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          太阳眼镜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          时尚女性
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          现购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自采
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          遐逸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          当今
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          素质
## sms_words_train$type          No          Yes
```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          兰州
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          首条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昂热
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漂亮女孩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绞刑架
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不敢
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

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##                      回报
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##                      进来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      代金券
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##                      先生
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.990000000 0.012857143
##
##                      志军
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      杀菌
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      清洗
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

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##          1 1.0000000000 0.0028571429
##
##          爱车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          睿星
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          空调
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 0.997142857 0.005714286
##
##          胡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          项
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.0000000000 0.002857143
##
##          死机
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          赛

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## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.001428571 0.001428571
##
##           好乐迪
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           查收
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           箱送
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           限
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 0.9971428571 0.0057142857
##
##           雪津爱酷
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           吃人
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
```

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##
##          一组
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          养母
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家暴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疑遭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疯传
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学生会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          级校
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纳新
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          大胆
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          概念
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          警车
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          通用
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##

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##          分为
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          年级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          延英
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          次课
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          班型
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          语文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          选报
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

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##          1 1.0000000000 0.0028571429
##
##          集训
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          倒入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冰糖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          备用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          枸杞
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          煮沸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          适量

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          锅里
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出四强
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狂野
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西部
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          豪门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

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##
##          一万次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          光顾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          菜
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          越南
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          地点
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##
##          工作站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          志愿者
## sms_words_train$type          No          Yes

```

```

##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          灌云县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哄
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          猪之歌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睡不着
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          太蠢萌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爸妈
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

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##	直播			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	宁波市			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	强台风			
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##	象山县			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	增发			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	定向			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	他是			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          忽悠
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          曾讽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涨到
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          乐评人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假唱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姚贝娜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          死不瞑目

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##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	难怪		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	甩烂了		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	卵		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	潜移默化		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	一觉		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	泥坊		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714



```

##
##          白嫩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          美白御
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肤
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打非
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          治违
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          驾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不禁
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          做饭
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          商贩
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          大汉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          感叹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三项
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		使用暴力		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		游民		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		监禁		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		重罪		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		陆乔		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		兔		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		安兔		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          智能手机
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          曝光
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          串流
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          播放
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          音乐库
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多美滋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          沃尔玛

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		精确	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		丹阳市	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		最美	
##	sms_words_train\$type	No	Yes
##		0 0.999047619	0.001269841
##		1 0.998571429	0.004285714
##			
##		调解员	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		承办	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		未成年人	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          评选活动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          市政府
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          瑞斯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          便捷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          升值
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          总价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          潜力
## sms_words_train$type          No          Yes

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```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          入门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早睡早起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晨跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买房
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##

```

```

##          张猛
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢快
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          更待何时
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          购房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          氧气
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          活着
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          赖着
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          发送
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          点对点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关怀
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          孤残
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微博中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晚会
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          城际

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      沪宁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有事
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      一大早
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      东莞市
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      中航
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      厘白
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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##
##          厘绿
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宏发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          订购
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          实价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          报价
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          旗滨
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白
## sms_words_train$type      No      Yes

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##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          石排
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          绿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          这周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三宝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          保华祥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

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##          券
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          卵巢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          套合
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          护理
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9928571429 0.0100000000
##
##          抵扣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          特惠价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          疗程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 0.9957142857 0.0071428571
##
##          经络
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胸部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          脊椎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          至尊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          面部
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          后门
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          四中

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##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		报税	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		武钢	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		证照	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		金桥	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		万象	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		习题	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

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##
##          单元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          号楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          枣园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          湖畔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          课外
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          辅导
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          饭桌
## sms_words_train$type          No          Yes
```



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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          取材于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大木梁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我国
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          架
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          结构
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          人群
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##

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##          展出
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          越野
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲们好
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          受理
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          年审
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年检
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          换证
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

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##          1 1.0000000000 0.0028571429
##
##          补证
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          车子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          不像
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          圈
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          媒体
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          自强
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          丰富

```

##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 0.9971428571	0.0057142857
##			
##		多样	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		风貌	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		花百骨	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		相爱	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		特性	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		覆盖	
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714

```

##
##          人连
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十多年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          到结
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          栽种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银杏果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          长途汽车站
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凶
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          截
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玄武
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          癸卯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遇
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          十梓街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          新区
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 0.998571429 0.004285714
##
##          本部
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          社
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从小
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          烧杀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兰溪市
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          内的
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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```

##          1 1.0014285714 0.0014285714
##
##          地下
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          辖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          金华市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十多个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招

```



```
## sms_words_train$type           No           Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          所思
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所行
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          至亲
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导读
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年利率
## sms_words_train$type           No           Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          开花
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```

##
##          该乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          张辉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提交
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          被告
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          调解书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          力健
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          器械
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美国进口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保险人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投保人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          说明
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          不息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		筹码		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		赌场		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		发型		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		主管部门		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		亲戚		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		子弟		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		上阵		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          旱情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辽西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          齐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          医药卫生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奋斗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          祖国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈哈

```

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## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      绝
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      这厮
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      高端
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 0.992857143 0.010000000
##
##      吃饭
## sms_words_train$type      No      Yes
##      0 0.998888889 0.001428571
##      1 1.000000000 0.002857143
##
##      复活
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      旅游区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          茂名市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首批
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          切
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          值
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          配
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          扣钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白白
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亚洲
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          十帅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亏心事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          中小
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



```

##          会成
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叶檀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炮灰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交警大队
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皋兰县
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徐州人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          揍
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          搭讪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一会
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          告
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          绑定
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          冯乔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碰到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邈邈

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      全省各地
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      南丰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      妇联
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      张家港市
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      知识讲座
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      中年人
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          厂家
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9928571429 0.0100000000
##
##          美容中心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          主炮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勾结
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          华中师范大学
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学生家长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          请愿书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          递交
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          附小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	入营		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	南京晨报		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	变形		
## sms_words_train\$type	No	Yes	
##	0 0.9998412698	0.0004761905	
##	1 1.0014285714	0.0014285714	
##			
##	现货		
## sms_words_train\$type	No	Yes	
##	0 0.999206349	0.0011111111	
##	1 1.001428571	0.001428571	
##			
##	两项		
## sms_words_train\$type	No	Yes	
##	0 0.9998412698	0.0004761905	
##	1 1.0014285714	0.0014285714	
##			
##	勇夺		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	神农		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          金牛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲绳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海底
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          英尺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谜一样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          远古
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遗迹

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一包
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      亞馬遜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      特價
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      諾
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      倒闭
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      卖家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          商品房
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          成交
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          传到
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          本院
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          解除合同
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          违约
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          下个月
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          头
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.997142857 0.005714286
##
##          懒懒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抬起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摆弄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解雨臣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##                两千
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                差
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                条狗
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                重启
## sms_words_train$type      No      Yes
##                0 0.9996825397 0.0006349206
##                1 1.0014285714 0.0014285714
##
##                徐闻
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                杰
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                留学
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          金牌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          前段时间
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          战略
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          李彦宏
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          糯米
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          体内
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          充满

```

##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##	犹如		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##	痛苦		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.001428571	0.001428571
##	信号		
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.000000000	0.002857143
##	耗电		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.001428571	0.001428571
##	讨论		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##	不多		
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 0.9985714286	0.0042857143

```

##
##          实锤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一带
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          后天
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          长三角
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          临摹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          借用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          草草
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          折射出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老大难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老旧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          才刚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牙冠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疑问
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

##	偏瘫			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	去世			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	多次			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##	抓			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##	现行			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	三遍			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	入园			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          北创
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无锡市
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          第三批
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改头换面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东南部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入境
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杯子

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      柯南
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      露控
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      江苏籍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      男同
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      请客
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      男士
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 0.997142857 0.005714286

```

```
##
##          登山
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          数公里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数千株
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方圆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泛黄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          满山遍野
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产物
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双轨制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          根除
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          展露
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巨兽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昆虫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流线型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          这组
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霸气
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞行器
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第三方
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          油价
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第三次
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          掀
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          渔场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灿鸿将
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          福鼎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          象山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闽外
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一次性
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          大衣

```

```
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 0.9985714286 0.0042857143
##
##           真棒
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           韩语
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           高跟鞋
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           我院
## sms_words_train$type           No           Yes
##           0 0.999365079 0.000952381
##           1 1.001428571 0.001428571
##
##           批准逮捕
## sms_words_train$type           No           Yes
##           0 0.9996825397 0.0006349206
##           1 1.0014285714 0.0014285714
##
##           抢劫罪
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
```

```
##
##          万物
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三月
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9828571429 0.0200000000
##
##          个子
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          养肝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          原源
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四季
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          头痛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          每人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          灵活
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          犯困
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          生发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          矮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

```

##          立刻
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          肝病
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          脑子
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          长痘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          限购
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          餐
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          超出
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          广陵区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          玩耍
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          男童
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          集镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一举

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      打入
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      指南
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      定于
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9985714286 0.0042857143
##
##      我行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9942857143 0.0085714286
##
##      有时候
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      下半年
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```
##
##          见面
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          包邮
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          人用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表情
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          一代
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          性能
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          出游
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刺绣
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          好伴侣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          季节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帆布
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

```

##          质感
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          轻便
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          配上
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          作
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          印
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          李伟
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          需制
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          太鼓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风云
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走势图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发达
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          艺术细胞

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      使臣
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出使
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      唐朝
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      天竺
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      玄奘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      遭
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571

```

```

##
##          下周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          周叶峰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          广发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          支行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          长宁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          地级市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陆地
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          捕获
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          澳洲
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          雨过天晴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大盘
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          弱于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          板块
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		走 势		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		仁 达		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		董 事		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		认 证		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##		通 信 工 程		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		反 抗		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		法 律 责 任		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          负
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世袭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          侍卫

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          将军
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          恩公
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          承恩侯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          清朝
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```

```
##
## 男爵
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 门
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9957142857 0.0071428571
##
## 颐龄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 驻防
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 寄到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 三叔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 婶
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敦煌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调戏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          苏联
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          轰炸机
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          加勒比海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岸边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          房屋
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          沿街
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          周跃
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恭喜发财
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          人红
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          是非
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          博报
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          畅通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帐号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          肖芳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一探
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怪兽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新颖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一滴

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      之景
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      情感
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      条河
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      母爱
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      理
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      甘露
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          小笼包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痒痒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          糖心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          照顾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吃火锅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各级党委
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各负其责
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          触摸屏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个性
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          低胸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘻哈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牙买加
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          短露
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紧身
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脐露
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻叶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          将会
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          扩展
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          插件
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          窗外
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一交
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三百五十
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二十万
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八年
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          十元

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		园丁	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		城南	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		每平米	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		现做	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		租金	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		万盛	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429



```
##
##          奥陶纪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小田
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          山谷
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          热卖中
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          精装
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          苑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          避暑
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          不远处
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帮其
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          求救
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          物业公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	吉隆坡			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	国际奥委会			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	投票决定			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	狗日			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	一整天			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	好几个			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	没人			
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	

```

##          1 1.001428571 0.001428571
##
##          热
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          薦 薦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那天
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          老大
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          乱跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蹦跳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入学

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		出行	
##	sms_words_train\$type	No	Yes
##		0 0.998888889	0.001428571
##		1 1.000000000	0.002857143
##			
##		科教	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		中州	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.000000000	0.0028571429
##			
##		冬款	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		出清	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.000000000	0.0028571429
##			
##		女鞋	
##	sms_words_train\$type	No	Yes
##		0 1.000000000	0.0003174603
##		1 1.000000000	0.0028571429

```

##
##          敬请期待
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          水利局
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特买
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿丽思
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          做图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          充电器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          乡镇党委
## sms_words_train$type          No          Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大营
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          要求
## sms_words_train$type          No          Yes
##          0 0.997936508 0.002380952
##          1 1.000000000 0.002857143
##
##          专卖店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          买单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          北仑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

```

##                      吊顶
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      品格
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      小王
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      入伏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      宜兴
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##                      骑行
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      作者
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```



```

##          1 1.0014285714 0.0014285714
##
##          借助
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          光线
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          凤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常常
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          晓
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          林徽因

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      价廉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      饭菜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      军事
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      年间
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      政治
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      新疆
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571

```

```

##
## 事业部
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 手臂
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 一台
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 0.9971428571 0.0057142857
##
## 各半
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 装载机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 东营
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 信阳
## sms_words_train$type      No      Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长沙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强权
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打手
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          维护
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 0.998571429 0.004285714
##
##          举报电话
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一幕
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

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```
##
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夫妇
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          成谜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍下
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          灵异
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神秘
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          防盗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
```

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##          1 1.0014285714 0.0014285714
##
##          颇为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鬼童
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传输
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数据线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          速度
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          债券
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事实真相

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##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		得知	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##		德仁	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		绝望	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		腰线	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		高腰	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		国家级	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

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##
##          科研单位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先涂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          化妆水
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          吸收
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          万千
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分销
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多家
## sms_words_train$type          No          Yes
```



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##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          指尖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数以亿计
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子商务
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          营销
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          保密
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真诚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##

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##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##	0	0.9998412698	0.0004761905
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##			
##	0	1.0000000000	0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          考究
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贴膜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          烟花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          固安县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招商局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李丹

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轨道交通
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          部长
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈鹏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌声
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江南
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          卫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429

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##
## 卫全齐
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 厅
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9971428571 0.0057142857
##
## 室
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9971428571 0.0057142857
##
## 少岷雅居
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 急推
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 新装修
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 沟
## sms_words_train$type      No      Yes
```

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##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          流水
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          钥匙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          伟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姜龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我市
## sms_words_train$type          No          Yes
##          0 0.998253968 0.002063492
##          1 1.001428571 0.001428571
##
##          雷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	鸣			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	黄巍东			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	乳液			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	兰蔻			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	反正			
##	sms_words_train\$type	No		Yes
##		0	0.999365079	0.000952381
##		1	1.001428571	0.001428571
##				
##	夜霜			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	日霜			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          洗面奶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用不完
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼霜
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          隔离
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          严查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          官商勾结
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          见识

```



```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          难得
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妈咪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太大
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          看实
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缓存
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三种
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          急停
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          紧急情况
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宫殿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建筑设计
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          同比
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          固定
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          带宽
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十四
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十五
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          建造
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          瘦西湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大多数
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		程		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		远		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		当场		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		没什么		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.0011111111	
##		1 1.001428571	0.001428571	
##				
##		连撞		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		郅西		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		检察业务		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          编制数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          储备
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          提升
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.997142857 0.005714286
##
##          中信证券
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          回归
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奇虎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扫清

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      私有化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      财团
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      仪器
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      任选
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9942857143 0.0085714286
##
##      节莎
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      蔓莉莎
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

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##
##          高科技
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          在工作中
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异龙
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          查获
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸭子
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大有裨益
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结构设计
## sms_words_train$type      No      Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一个多月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          为期
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          普法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阵地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内膜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          埋于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          接触
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          胚泡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人形
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梦想
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          别墅区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小楼
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          户主
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          拒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          照常
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          藏
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          卖
## sms_words_train$type          No          Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          中心广场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国际博览
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          开唱

```

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      歌手
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      激情
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0000000000 0.0028571429
##
##      烟台
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      第四届
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      音悦节
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蒸蒸日上
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          销量
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          买方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管理部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一天到晚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偷点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年纪轻轻
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网吧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          作案
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          作案工具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          撬匙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缴获
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欺压百姓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          畜牲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热爱生活
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          认清
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          悉数
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新机
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          登场
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          魅
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          样机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          索尼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          划算
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          实惠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          屋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抓紧时间
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          春款

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9942857143 0.0085714286
##
##      老货
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      阁阁
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      傍晚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      充满希望
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      可贵
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      病房
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```



```

##
##          聲如洪鐘
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          聽到
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          醫院
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脚指甲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长肉里
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宽
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          平板车
## sms_words_train$type      No      Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开顶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老板
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.992857143 0.010000000
##
##          丰之林厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          太和
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          夹板
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新春快乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##

```

```

##                      木地板
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 0.9985714286 0.0042857143
##
##                      木柜
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      木线条
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      木门
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      洽谈
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 0.9985714286 0.0042857143
##
##                      白云区
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      镇太源
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          阻燃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          饰面板
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄先生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          东达
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          保修
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          水电
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          满意

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      终身
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      质量保证
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      资阳市
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      国际品牌
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      接地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      气
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          去了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嫖娼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          号称
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          威海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日照
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黄金海岸
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          找来找去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          募捐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当前
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          政策法规
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          求助
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          上海大众
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          上海市
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          宝意
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          桑塔纳
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汽配
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          质量上乘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          闸北区
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          零件
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          办法
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          千千万万
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坦然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          格局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          窘迫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大润发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          抵用券

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      日满
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      玉兰油
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      两人
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.000000000 0.002857143
##
##      追着
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      点上
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      疼痛
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714

```

```

##
##          全球化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          援引
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          澳大利亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怎么弄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体量
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          先天不足
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金融业
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          佛學
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          及靈進
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夏令營
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常識
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教唱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梵唄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		棲霞寺		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		法師		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		醫生		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		養生		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		墜下		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		險		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		双膝		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          大姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          名为
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          灯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          照明
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          五美
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##		具体	
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.0000000000	0.002857143
##			
##		分工	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		人起	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		住宿	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		双飞	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857
##			
##		标准	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 0.997142857	0.005714286

```

##
##          限位
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新年快乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          撤销
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行政区划
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忘
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          时刻
## sms_words_train$type          No          Yes

```



```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          半勺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小勺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          醋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鲜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一片
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          可莱丝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		片		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		支到		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		柜		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		瓶加		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		五花八门		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		多张		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		帖子		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          迷惑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农村
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          担保人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那位
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          主做
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          告诉您
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          咋们

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      小藏
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      最火
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      港
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      经纪人
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      藏昕
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      麦田
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          农交会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农委
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日省
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          筹备工作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平湖市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新仓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务社
## sms_words_train$type          No          Yes

```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          社工
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          黎民
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熏衣草
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绽放
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迎风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吉布森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          爵士队
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          犹他
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          签下
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          形象设计
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清醒
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张家港
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          阴有
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

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```

##          1 1.0014285714 0.0014285714
##
##          东亭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          从未
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          履行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拆迁
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          新屯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          藤庄巷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锡山区

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      充實
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      過得
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      高三
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      有助于
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      穩
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      中考
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429

```

```

##
##          数学教师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数学试卷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镇江
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          高考
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          万事
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          已归
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          文
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          菲比
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          送酒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          酒吧
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          顺意
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          颜色
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##	专属			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	丹尼斯			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	亲临现场			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	克劳			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	全体同仁			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	安东尼			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	时装秀			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          订制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          量体
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          青
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          首席
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          高级
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          耳机
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          发电机组

```

```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          德丰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机电设备
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柴油
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卡布配
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小杯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柠檬水
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          创投
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          获批
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结论
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          腱鞘炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泰铢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          餐券
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麦当劳
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          世都
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          男装
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          货源
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          迪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          找到
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 0.998571429 0.004285714
##

```



##	最短		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	挺大		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	没开		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	婚后		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	男方		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	自行车		
## sms_words_train\$type	No	Yes	
##	0	0.999365079	0.000952381
##	1	1.0000000000	0.002857143
##			
##	庞巴迪		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          您的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏美尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          股票市场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          圣诞节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有趣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅游指南
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          给我发

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      貌似
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      邮件
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      万家灯火
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      盗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      基地
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      多以
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          扩张
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新生
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          邪教
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          童鞋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          也是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呼吸
## sms_words_train$type          No          Yes
```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          急促
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          应急
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          消防通道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锁闭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咨询服务
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          垂询
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##          天  筹
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陈瑞卿
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高  效
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          保
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          兴业银行
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          分  行
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          年  化
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

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##          1 0.9985714286 0.0042857143
##
##          理财产品
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          认购
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          夜跑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝石
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          收藏
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          爪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白金

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      邮票
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      重量
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金属
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      集合
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      改到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      取
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

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##
##          家里人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          西京医院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          糖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          华洋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          堂晶雅福
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          礼金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          驾到
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          华西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          口腔医院
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          四川大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          即视感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          满级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩家
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##		菜 鸟		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		中 下 旬		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		以 外		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		执 飞		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		波 音		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		空 客		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		窄 体		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          航点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          充分
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          教父
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          私募
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          妆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          浓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清化

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##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		补	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		气话	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		竟一语	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		调解	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		这句	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		减	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302 0.0001587302	
##		1 0.9857142857 0.0171428571	

```

##
##          同单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          同贺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大富大贵
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          娇媚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          换季
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          畅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          礼物
## sms_words_train$type          No          Yes

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```

##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          蔻
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          必备
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          车上
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          内幕
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          爆假
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          芒果
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

```

##          装潢
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三天
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9942857143 0.0085714286
##
##          仅此
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冰柜
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凤阳路
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          厂价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          洋
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          澳柯玛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          直销
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          中核
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二三
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          项目部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饭
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          发扬光大

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	基因		
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 1.000000000	0.002857143
##			
##	嫌犯		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	持刀		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	杀妻		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	疑凶		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	打游戏		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          无法忍受
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          启新
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          理工大学
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          选拔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          抵达
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          接力
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          艺术团
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热情接待
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总部
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          成立
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          不演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宋茜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杨洋
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          那部戏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回村
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          倍
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.995714286 0.007142857
##
##          兑
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全馆
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          千分
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          卡友
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

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```

##          1 1.0000000000 0.0028571429
##
##          四级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          套券
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          尊礼卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          满额
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          献映
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          第一个
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          风格

```

```

## sms_words_train$type      No      Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          邀请函
## sms_words_train$type      No      Yes
##          0 1.000000000 0.0003174603
##          1 1.000000000 0.0028571429
##
##          人生
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 0.998571429 0.004285714
##
##          华夏
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          良子
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          靓丽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
## sms_words_train$type           No           Yes  
##          0 1.0001587302 0.0001587302  
##          1 1.0000000000 0.0028571429  
##  
##  
##          密密麻麻  
## sms_words_train$type           No           Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桌面
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          增强
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          旨在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          竞争力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          篇幅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尤物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		核武器		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		肆无忌惮		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		长大		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		废除		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		发给		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		支队		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		支队长		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          柯占军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人 参
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          何首乌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党 参
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同 服
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          温 补

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      熟地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      白萝卜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      西洋参
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      黄芪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      学着
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      适应
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          政
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          新装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          时长
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          爱家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          电信
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          高清
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          西海岸
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十点
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          听歌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          喝茶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          他送
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古德曼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	墓			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	悼念			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	约翰			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	默			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	发痒			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	打喷嚏			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	流涕			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          眼部
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          过敏性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鼻塞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东撤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减弱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副热带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高气压

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      同型号
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      荆州
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      从没
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      去过
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      一汽
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      丰田
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429

```

```

##
##          峰林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暗河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漂流
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老虎
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          英西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          复赛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日记
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          篇
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          重围
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阅读
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          中学
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          虐杀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连环
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	喷脸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	暴晒			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	矿泉			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	加油打气			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	在场			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	内陆			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	积淀			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          市
## sms_words_train$type          No          Yes
##          0 0.997619048 0.002698413
##          1 0.997142857 0.005714286
##
##          犯罪行为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岩特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年春款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          达衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二氧化碳
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          晨练

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最多
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      最怕早
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      瑞克
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      内设
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抢修
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公用
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          可立
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          川
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          月购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          果城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          片仔癀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          药房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          邓
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          不好比
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          配钥匙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          换取
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放弃
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          叮嘱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          后痛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          止痛药
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缝合
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          药效
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻醉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二中
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清泉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长治
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          上年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          压抑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空灵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审结
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          惠济
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收养

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      纠纷案
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      解除
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      这起
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      一勺
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一捏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      几滴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          咽喉
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          柠檬汁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          冰冷
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          小男孩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          窗边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          趴在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风景
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          黑暗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不愧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名片
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          江西
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          卡通
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          圆领
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```

##          春夏季
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮帅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          短袖
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          韩版
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          故作
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          矫情
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          收集
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          遥测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          冯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大酒店
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9914285714 0.0114285714
##
##          宋
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          恭请

```

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## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日窑岭
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          板房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          样
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          模范
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          热水
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          签发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```



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##
##          莅临
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          通城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          道德
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          原谅
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          农发行
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          国开行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邮储
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          各種
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          導彈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          衛星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          警報系統
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百山祖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	小伙			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	七大			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	云南省			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	产			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	十二五			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	图片展			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	展馆			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          布艺馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当代
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          成就
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9985714286 0.0042857143
##
##          木
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          根雕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玉石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          艺展

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      艺术馆
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      设有
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      乳
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      元现
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      元购
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      廣
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          才斤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          湿
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          藥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商贸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          大型活动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          热烈庆祝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石英表
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相关驱动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饮食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原宿风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哪种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          男头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	云 盘			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	观 看			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	爱 情			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	病 床			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	主 力			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	人 民 广 场			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	六 日			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	



```

##          1 1.0000000000 0.0028571429
##
##          周三
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          无忧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          返回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          双面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          培养
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          神经
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          网络计算机

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          京沪
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          五盘
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北科建
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          星耀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盛典
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          领秀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          如皋市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          心理健康
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内涵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吉利
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          使命
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          玉体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香肌
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          圣约翰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          培训班
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          急救
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          急救中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          救伤队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          火种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红色旅游
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          苍溪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          薪火相传
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辉煌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          采集
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          长征

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      牛皮
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      配件
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9971428571 0.0057142857
##
##      金色
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      饰边
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      黄铜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      嘘声
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          排球 场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          揩 油
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小 汽 车
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          独 立
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          阿 宝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年 会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拉 开 序 幕
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          源热泵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          热泵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          论坛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          低开
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大幅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          新华
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

##		美梦		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		以此		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		保卫战		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		天反		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		献给		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		被套		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		谨		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          上兴镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          村委
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          溧阳市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保胎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          概率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄体酮

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中影
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      放映
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      莱蒙
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      减淡
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      浮肿
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      消除
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
## 黑眼圈
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 若有
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 一万
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9957142857 0.0071428571
##
## 两万多
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 涨价
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 米奇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 老鼠
## sms_words_train$type      No      Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          奖学金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          覆盖率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抗辩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          理由
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          前兆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自燃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          动力
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          该股
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龙头企业
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          万华
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兴化
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          同洲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楚天
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          水业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洪城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瀚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          龙盛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          声称
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日起释

```



```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自上
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          部份
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比赛规则
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不论是
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          变质
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放置
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          隔夜茶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          横梁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通行费
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三年期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          利率
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 0.9942857143 0.0085714286
##
##          同期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          基准利率
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          安邦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          看哈行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          通道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          年的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          早安
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          是從
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          演變成
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生日快樂
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灌籃
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罰球線
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身高
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508

```

```

##          1 1.0014285714 0.0014285714
##
##          僵尸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木瓜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运往
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          众测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          送我
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新娘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          沈光炳

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      盘发
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      编发
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      趋势
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      韩式
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      动物园
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      山羊
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          成年
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          海沧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          配种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          野生
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          实质性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扭力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瓷
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          输出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全屏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          图片
## sms_words_train$type          No          Yes
##          0 0.9977777778 0.002539683
##          1 1.001428571 0.001428571
##
##          这张
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          人工费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```

##          厂房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          地平
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          承接
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          施工队
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          混凝土
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          立方
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          伪造
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          想了个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          段子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          污
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没事干
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          团里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大神

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      闭嘴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      总让
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      惊讶
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      感慨
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      最烈
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最野
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
## 易百
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 浩瀚
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 大放送
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
## 阿芙
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 优异成绩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 命运
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 在校
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          已定
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          好评
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没换
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          满满
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          牌子
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          保湿
## sms_words_train$type          No          Yes
##          0 0.998412698 0.001904762
##          1 1.000000000 0.002857143
##

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##          肌研
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪肌精
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          界面
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荧幕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卡罗
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拉大
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瑞蝶拟
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          石莲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烧掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          品任
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          悦荟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          樱花
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          淋巴

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          三个
## sms_words_train$type      No      Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          划分
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          塑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大象无形
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          形
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          造像
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          法官大人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东直门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招生简章
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          政务
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          海陵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火速
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          点前
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老公
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          复兴
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          我省
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          社会 保险
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转账
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	国税			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	撞死			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	逃逸			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	坏事			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	村庄			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	走了			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	命			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          可惜
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          录
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三只
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          增
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          月定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标的
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          解禁

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          境内
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          奉贤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          性格
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          星座
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浪子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瑞安
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429

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##
##          都江堰市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          危机
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          拯救
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邪恶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一分钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没发过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红利
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失联
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马航
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          十分钟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爽肤水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百锐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百锐腾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##		腕表		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		运动		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##		铁三		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		中秋		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		尽显		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		情调		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		戒指		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          活口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玉髓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镶嵌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          马粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万多名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滴滴

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          已有
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          驾驶员
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          必备品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          门前
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          高射炮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          万个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平方厘米
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细菌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          驻扎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第三
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          诈骗
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          防范
## sms_words_train$type          No          Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿坝县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之中
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          怀孕
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          需求量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一润
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代言
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	嬛			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	巧茜妮			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	换人			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	插播			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	甄			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	关门			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	组团			
##	sms_words_train\$type	No	Yes	
##		0 0.999365079	0.000952381	

```

##          1 1.001428571 0.001428571
##
##          讨薪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          跳楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抽样调查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          目的
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          四方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墓刻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最爱

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      千亩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      南城
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      怡
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      海星
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      绿化
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      超大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429

```

```

##
## 小女孩
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
## 机动车道
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 行走
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 新旗舰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 送出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
## 只收
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
## 墨迹
## sms_words_train$type      No      Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          订金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          扑灭
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          火灾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          私家轿车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脸部
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	轻松			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	开足马力			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	校团委			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	难看			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	会站			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	出事			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	只会			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          影子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摆平
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看不见
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          落
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          别家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          废
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          仙都

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          峰
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          游记
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缙云县
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鼎湖
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两种
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          娱乐
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714

```

```

##
##          游客
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          激光
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          空战
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三 四 天
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          姥姥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交还给
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失主
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追回
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          雨花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面包车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发射
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          颗卫星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          母亲
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##

```

```

##          胎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          账号
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.000000000 0.002857143
##
##          百货店
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.000000000 0.0028571429
##
##          化妆包
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省心
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眉笔
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睫毛膏
## sms_words_train$type          No          Yes
##          0 1.000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          台阶
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          瑜伽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          云海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刑庭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开庭

```



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## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      淮北市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      烧坏
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      烧毁
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      光子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      医工
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      协议
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571

```

```

##
##          研究所
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          莱布尼兹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷库
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江北区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烯酸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          物质
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          生成
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太远
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          菜市场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上冲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          目赤痛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肝火
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脑血管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		氢氧化钾		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		片状		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		纯度		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		涂抹		
##	sms_words_train\$type	No	Yes	
##		0 0.999047619	0.001269841	
##		1 1.001428571	0.001428571	
##				
##		补涂		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		两汉		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		书画		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          八月
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          微拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          画册
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诸子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          按扣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精品
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.995714286 0.007142857
##
##          各级

```

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          护养
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          做法
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太紧张
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪球
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感激
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          天天向上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          更加
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          腾空
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轻盈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          和声
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天弘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收视率
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骗
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          呜呜
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          趴头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          写字楼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          外地
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          宜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```



##		押车			
##	sms_words_train\$type	No		Yes	
##		0	1.0001587302	0.0001587302	
##		1	1.0000000000	0.0028571429	
##					
##		奢侈			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		建筑材料			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		重达			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		本职			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		精力			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		业务部门			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          副处长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受聘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名教授
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十九
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          卖东西

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          娃
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          晒
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          条是
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没爱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狂
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          里边
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          柔滑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水嫩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清新自然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裸妆美人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多年生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          艾佛瑞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          草本
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贝母
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党组
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          委员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          委员会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          院长
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		惩罚		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		大大		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		水产品		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		芦荟		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		高二		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		儿科医生		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		全力		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          呵护
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          救治
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          科大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          附院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广西
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          籍

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      蓝某
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      骚扰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      引智
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      海陵区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      第四期
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      结业
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```
##
##          事实
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          似乎
## sms_words_train$type      No      Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          低点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最低点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有史以来
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          油价格
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          波动
## sms_words_train$type      No      Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          海
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          开营
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          洗护
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          溪谷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          训练营
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          饱满
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          互动
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          炒饭
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          和亲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国外
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          玩去
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耐滴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沧州
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          百余名
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          西昌卫星发射中心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          退伍军人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          齐聚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          中南部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并于
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          总经理

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	集团公司		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	八九		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	样子		
##	sms_words_train\$type	No	Yes
##		0 0.998253968	0.002063492
##		1 1.001428571	0.001428571
##			
##	走路		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	中医药局		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	分型		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          强直性
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脊柱炎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          证候
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诊断
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          商圈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          频频
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汇
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          豌豆荚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尹相杰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          释放
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          三农
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          农资
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          足额
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          解码
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四爷
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小套
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          提醒您
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          自然美
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          节超底
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鲁巷
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          一幅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          假象
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周围
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          添油加醋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱恋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小宝

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比宋
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贾乃亮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公開
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          員工
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平等
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          待遇
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```

```

##
##          抖出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          薪資
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          足月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水井
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稀奇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减小
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          划伤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碎屏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中医药大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          临床
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          乡
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          党员
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          宋村
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务团
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淳安
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硕博
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东路
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          交叉口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          凤起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          审核
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          发不
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          咽喉炎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          愤青

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          理想主义者
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弱
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          第二季
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三角
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别名
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          琉璃
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
## 舞瑞光龙
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 莲
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 青风
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 懒得
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 拉倒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 最烦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 解释
## sms_words_train$type      No      Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          转转
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这么晚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          布兰德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿下
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盖帽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          篮板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	人潮			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	嘲讽			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	坠入			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	手掌			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	扼住			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	推搡			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	水母			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          海洋
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          海浪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湮没
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遇见
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          鲨鱼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          观赏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中苏

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商品交易
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拥军
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关键
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          刺痛
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          发红
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喝水
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714

```

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##
##          大口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大量
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##
##          干瘪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张开嘴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搔痒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水份
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一栋
## sms_words_train$type          No          Yes

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##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          吼
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          男孩子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瘦小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          院子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一怒之下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          司机
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##

```

##		抢夺		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		方向盘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		存钱		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		被骗		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		十大		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		人肉		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		墨尔本		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          私
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卖出
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          啥样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼龄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海景房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涨成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屠宰场

```



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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          满足
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          自我
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逃脱
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拨款
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可爱
## sms_words_train$type      No      Yes
##          0 0.999206349 0.001111111
##          1 1.001428571 0.001428571
##
##          帅帅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          金毛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          山头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两套
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          中庭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大四
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          眉山
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          石狮市
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纳入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          视若罔闻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑名单
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          沪蓉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想象
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睡着
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

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##		绝逼		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		闭眼		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		次年		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		续费		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		网民		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		臻		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		茸		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          全铺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          单品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          康逸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          浴盆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          液晶电视
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          送价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万美元

```

##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		投入	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		十三个	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0000000000 0.0028571429	
##			
##		安稳	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		旅程	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		之时	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		唱赞歌	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```
##
##          健步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古溪镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泰兴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厄瓜多尔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          白色
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          连云港市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          悄悄
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          菜单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阴影
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兑现
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熬
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          耐心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          许下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          出炉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          满意度
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          第二季度
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          打造出
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相亲
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          首家
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          人士
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841

```

```

##          1 1.001428571 0.001428571
##
##          上层建筑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          批评
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿来
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不易
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          初一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实属
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年龄

```

##	sms_words_train\$type	No	Yes
##		0 0.999047619 0.001269841	
##		1 1.000000000 0.002857143	
##			
##		外国语	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		油腻	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		平和	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698 0.0004761905	
##		1 1.0014285714 0.0014285714	
##			
##		看待	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		中长款	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		外套	
##	sms_words_train\$type	No	Yes
##		0 1.000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```
##
##          皇家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          英伦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          风衣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          小吃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摆摊设点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硝烟弥漫
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          随意
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大后天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转阴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雷阵雨
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          移通
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          购了
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          野花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          宣武门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          崇文门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孕育
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毫克
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          消耗
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          三峡大坝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佛像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大佛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灵山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸡块
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          掌上

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          春雨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          富含
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          负氧离子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鲜氧
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导演
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          崔东勋
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          演员
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          演绎出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一辈子
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          之谜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          你会恋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          前例
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          吏
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          因时
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          定养
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          忘怀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          礼服
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          里海
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拖后腿
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          亭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仓义
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大兴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庄圩仓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泗阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          湖村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商务
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          场子
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          急缺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          押金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日结

```

##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	高薪		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	女单		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	尖头鞋		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	浅口		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	皮		
##	sms_words_train\$type	No	Yes
##	0	0.9995238095	0.0007936508
##	1	1.0000000000	0.0028571429
##			
##	绒面		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

```

##
##          蝴蝶结
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑色
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          天气
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          持续
## sms_words_train$type          No          Yes
##          0 0.999206349 0.001111111
##          1 0.997142857 0.005714286
##
##          手贱
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          吃水果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀孕期
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          果儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水果店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荣记
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          难产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暗黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          构筑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	秩序			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	探寻			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	身份			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	黑手党			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	刷卡			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	桂花			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	炒栗子			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          藕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金黄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          房东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          房租
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          正平
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麻烦

```

```

## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          三件套
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两万
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八千
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          厨房
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          喜
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百年
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429

```

```

##
## 金
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9914285714 0.0114285714
##
## 闹元宵
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
## 预
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
## 出油都
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 扬
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
## 建树
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 服装设计
## sms_words_train$type      No      Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          缝纫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          统计
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          一切都是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不看
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          哥哥
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          逍遥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	全 过 程		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	同 龄 人		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	炫 耀		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	圖 像 識 別		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	經 過		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	別 因		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	拉 远		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          下爱上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大妈
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          小胖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          带领
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          普通话
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          翻译
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          这口

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      逗
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      鬼子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      南美洲
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      国度
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      省时省力
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      减按
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          所得
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          所得额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纳税
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想不通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投档线
## sms_words_train$type          No          Yes

```



```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          下达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          住房
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          保障性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          歹念
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		谋生		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		身无分文		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		饮酒		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		急用		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		尚一青品		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		朗姆		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		甜品		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          私房
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          芝士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蛋糕
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          课程内容
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲刺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          单科
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          单科

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	堤		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	币		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	强化		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9985714286	0.0042857143
##			
##	拔高		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	智慧		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9985714286	0.0042857143
##			
##	模拟		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          横扫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          洺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          真题
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          考点
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          艺考
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          融汇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贯通
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          跟踪
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          下午茶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可免
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欢乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          白场
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花桥店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		黄金档		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		中药材		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		批发市场		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		荷花池		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		酒仙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		卡号		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9942857143	0.0085714286	
##				
##		卡用		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          取出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手机卡
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          微博想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上岗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          座谈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护理部

```



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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      授
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      考核
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      密码
## sms_words_train$type      No      Yes
##      0 0.998412698 0.001904762
##      1 1.001428571 0.001428571
##
##      网银
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      输错
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      全玩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          集邮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三秒钟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗志祥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          筹建
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          三米
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中顺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二手车
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          信息费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          六米
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          哈尔滨市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          市卖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          常年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          收
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 0.998571429 0.004285714
##

```

```

##          李海
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          怨灵
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          报仇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贩卖
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          制裁
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          平常人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          步伐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          跟不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          收益率
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          适当
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          博城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小何
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洋房

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      中小学生
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      场馆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      技术开发区
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      检察室
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      派驻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      烟台市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          课堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西北
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投票
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第二周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修补
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          化州
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恒宏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贸易
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          轮胎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          遂溪县
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          到达
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          滨湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		瑞园		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		漳平		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		电缆线		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		窰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		指		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		绿地		
##	sms_words_train\$type	No	Yes	
##		0 0.999206349	0.001111111	
##		1 1.001428571	0.001428571	
##				
##		规划区		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          对应
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          用过
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          望海楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好虐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转型
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          发微博
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好久

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      两周年
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      十天
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      临走
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      二十五
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大哥
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      笑容
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```

##
##          纯真
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从即日起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          切勿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          安莉芳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          棉毛衫
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          江门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          益华
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          协助
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑 帮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农 田
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南和县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投资 人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          拆 厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          查后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诚招
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          一程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一厅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两室
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          入住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9957142857 0.0071428571
##
##          南大门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          急需
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          拎包
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          楼上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          袁姐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄金地段
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          减现
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          话动

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		冰水	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		博润	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		城管局	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		栖霞区	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		环卫工人	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		西瓜	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714



```

##
##          修脚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去死皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去角质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爽健
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哥点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞嘛
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个股
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          先得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9900000000 0.0128571429
##
##          十多年
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          对古色
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          补货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

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##          会想
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六朝
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古都
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只想去
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐个
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          外国人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          料理
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

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##          1 1.0014285714 0.0014285714
##
##          时时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瓢泼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扰序
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三叶草
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新宇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          民族
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          事项

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      许杰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      幼豚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      防治
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      阿维灭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      以南
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      可到
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

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##
##          海边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一职
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双开
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          校长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          榆次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          索贿
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淘
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          赚钱
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          动物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          协会
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          准入
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          遗传
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	中国人民抗日战争纪念馆		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	引进		
## sms_words_train\$type	No	Yes	
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	交叉		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	免疫		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	坑		
## sms_words_train\$type	No	Yes	
##	0	0.9995238095	0.0007936508
##	1	1.0014285714	0.0014285714
##			
##	水友		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	趁机		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603



```

##          1 1.0014285714 0.0014285714
##
##          夜盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市况
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          未能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          简析
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          促
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          惠民

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		抓紧	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		紧要	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		合资	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		形形色色	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		买到	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		猕猴	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
## 三分之一
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 份额
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 贡献
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 快到
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 晴
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 火车
## sms_words_train$type      No      Yes
## 0 0.9995238095 0.0007936508
## 1 1.0014285714 0.0014285714
##
## 为国牺牲
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做好
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          危急
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管清友
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一丝不苟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          员们
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干警
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##	演讲		
##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381
##	1	1.001428571	0.001428571
##			
##	竞聘		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	符合条件		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##	该院		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	密不可分		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	助手		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	博远		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          上华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          住所地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徐村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马鞍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐电梯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          含糖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饮料

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      多看多听
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      每回
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公共场合
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      好比
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      懂医
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      突发
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```
##
##          决出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自由泳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吴盛飞
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好礼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          洁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          动画片
## sms_words_train$type          No          Yes
```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          细节
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          人格
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纯粹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自娱自乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开药
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          看病
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          突显
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大伙
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小金库
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          捞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银子
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          网通
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          健
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          商务车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          嘉兴市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          嘉杭路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王国
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          祝愿
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          轿车

```

##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0000000000	0.0028571429
##	鑫		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	冒險		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##	王陽明		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##	掉進		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##	大年了		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	拜		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429

```

##
##          武
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          惘上
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          界
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          称为
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          这家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传感器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          车载
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三堰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          做百雀羚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          有空
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          要来哦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          送百雀羚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          几场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

小组赛			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0000000000	0.0028571429
##			
##			
败者			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
国产汽车			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
成方			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
椭圆			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
该不该			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          轮子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冬春
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          节特降
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          搞笑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          英雄
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          哈市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          备案

```



##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		急诊	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		流程	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		特殊	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		简化	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		转诊	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		门诊	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714

```

##
##          原始部落
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          报到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          现代文明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碰撞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          书香
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          升空
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          导航
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          新一代
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          点火
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          研制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运载火箭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          颢
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          夜班
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	尽责			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	忙碌			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	科室			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	走廊			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	长长的			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	文峰			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	盛宴			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	

```

##          1 1.0000000000 0.0028571429
##
##          视听
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          养老
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          老年痴呆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          籽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲自
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          带队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中华世纪坛

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军事博物馆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国家图书馆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          病例
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大融城
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          店为
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汇美舍
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```

##
##          特邀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一宗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房屋买卖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纠纷案件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太亮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嫩红
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          素
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          洗脑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云南旅游
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中文字幕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原版
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          启用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



```

##                坏人
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                紫
## sms_words_train$type      No      Yes
##                0 0.9995238095 0.0007936508
##                1 0.9971428571 0.0057142857
##
##                薰
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                插入
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                插口
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                电脑主机
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                宣傳
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          或許
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          數千億
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          系統
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          戶型
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9914285714 0.0114285714
##
##          現鋪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百忙之中
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自營

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      不断完善
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      刑事诉讼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      发展史
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      明晰化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拜托
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      丝印
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          凤岗油
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          流
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          甘埔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          走台
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          净赚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          包租
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          华北
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          康嘉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来前
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来访
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          每套
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小美女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          传播
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          冒险
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胎儿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄疸
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          违法必究
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          侵权
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          坠物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航空器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          观点
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          赔偿
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          通航
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          仿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有款

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          养活
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讨生活
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周会
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审查
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          土地
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盖起
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          高楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旗舰
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          热销
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          丰原
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云南白药
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          民心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学会
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第一天
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          第三天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第四天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轰炸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          迟到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          飞行员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		千里		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		可助		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		无抵		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		款		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		行代		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		银		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9928571429	0.0100000000	
##				
##		三级		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          共向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拒执
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          移送
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          举报人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          乳业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          光明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          反应

```

##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	总裁		
##	sms_words_train\$type	No	Yes
##		0 0.9995238095	0.0007936508
##		1 1.0014285714	0.0014285714
##			
##	进一步		
##	sms_words_train\$type	No	Yes
##		0 0.999365079	0.000952381
##		1 1.001428571	0.001428571
##			
##	违法违纪		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	乱吃了		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	卤菜		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	摊		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          前导
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地面
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          清扫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航站楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          典型
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          案例
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          募集
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          规模
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          東方
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          錦鯉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          摔倒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开槽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淮安市
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```

##		渔沟		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		散伙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		群吃		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		自助餐		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		赢了		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		义演		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		天黑		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          松江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          履行义务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自觉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          买要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多花近

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      来去匆匆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      灿鸿欧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      躲过
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      社交
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      赢贝
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      试听
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 0.9971428571 0.0057142857

```

```
##
##          否定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吞噬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常识
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骄傲
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刻机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          包会
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          博园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          售后
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          图纸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          玉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          立体
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          雕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          像部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拙劣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肥皂剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屎
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          算个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交通管理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          应当
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地税
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          安心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          尊重
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          甲方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少年儿童

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      日常生活
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      不愿
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冻成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      热成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冬
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      夏
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143

```

```

##
##          抵不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摄氏度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          治
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          企事业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          足球队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邀请赛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          修护
## sms_words_train$type          No          Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          船晒后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          芦荟胶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香蕉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          塑料制品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          处理厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工业区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		污水		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		进展		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		彩玛		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		涂料		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		军列		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		多辆		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		发挥		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          大书特书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          应有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          林直
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全套
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 0.9971428571	0.0057142857
##			
##		喷嘴	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		喷涂	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		喷涂机	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		固	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		服等	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		获赠	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9971428571	0.0057142857

```

##
##          传动系统
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          变速箱
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          手动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          速
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暴露
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          警长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑猫
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高转速
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          听证会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走过场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          默认
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          主公
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	味			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	太医院			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	官在			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	旁道			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	无毒			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	苦寒			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	剋			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          复原
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皇帝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第一位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三次
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          卡死
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          醉了
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          再享

```



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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      名表
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      退订
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      切诺基
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      可谓
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      王者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      路况
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          认真
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          性侵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被害
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          倾倒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          泰山路
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敢于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          渍水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          问出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          与日俱增
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假货
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##		媒		
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##		打假		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		服装		
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	0.9985714286	0.0042857143
##				
##		将领		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		美海军		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		退役		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		无论是		
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206

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##          1 1.0014285714 0.0014285714
##
##          掏出
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下调
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拿钱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          立息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          第一桶金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          财大
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          体形

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增设
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深感
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          点太少
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网店
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          苏州市
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          巡逻
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714

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```
##
##          幸好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          见义勇为
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          羡慕
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          冒烟
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          引擎盖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牌照
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          任由
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孤僻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敏感度
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          侮辱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          修养
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几百块
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万达
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 0.998571429 0.004285714
##

```



##	万秀区			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	棘手			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	补偿			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	诉前			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	采取			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	回美帝			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	心里			
##	sms_words_train\$type	No	Yes	
##		0 0.998888889	0.001428571	

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##          1 1.001428571 0.001428571
##
##          慌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          农机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杯
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          精耕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          改看

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		综艺节目	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		深度	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		存取	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		程式	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		制动	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		半挂车	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          国家标准
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大队
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          收费站
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          时许
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          装置
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          高平
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          减压
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          暑运
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驻场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公司员工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太湖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          宿里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝火翼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	0.9985714286	0.0042857143
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302

```

##          1 0.9957142857 0.0071428571
##
##          报读
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          班级
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          環
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          速订
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中级职称
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放宽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只不过

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      治标不治本
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      兼职
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      写错
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      危险
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      名单
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      禁驾
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          发育
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成熟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          黑素
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑素细胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          醒
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          举报者
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          和尚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          声明
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          开除
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          向南
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四件套
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          床上用品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          建材市场
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          既 赠
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          林 州
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          米 路
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          西 皮
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贵 宾 卡
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          阿 诺
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          三万
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          交界
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          优先
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          吴中区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花苑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          裴敏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          选房

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      金枫
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      正面交锋
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      两遍
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      重播
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一锤定音
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      诉求
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          该案
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          驳回
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          在建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          延长线
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          出席
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国政
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          埃及政府
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏伊士运河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落成典礼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          五角场
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          百联
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

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##          约合
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包干
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          行业标准
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再现
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新态
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本周
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          中场
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          低档
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          佳丽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          名人
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          大方
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奔放
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          模特

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          火辣
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          聚会
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          舞蹈
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          树木
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稀少
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窑洞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          黄土高原
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          如厕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗手
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三工
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          五张
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          即变
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王一摸
## sms_words_train$type      No      Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          樟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蒋百变
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          越走越远
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          汽车品牌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          突围
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```

##          树林
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          色魔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落网
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          交换机
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          限速
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          支送
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洁面乳
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          丰胸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          乳聊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          即止
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          挺乃儿
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          肩颈
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          获知
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          限前

```

```

## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          几本
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          给尔轩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受访者
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只顾
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩乐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          育儿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          当事人
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          特定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预判
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          很远
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相差
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上网
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          付款
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          以备
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          保留
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          可为
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大吉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房照
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          敬请
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##

```

##	毕业证			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	见货			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	证件			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	身份证			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##	车牌			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	驾照			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	盗走			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          之二
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          星际
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迷航
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿七
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主动权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从头到尾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从来

```

```

## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          好似
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武僧
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          永信
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谈释
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预谋
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          九龙山
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
## 樱前
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 青云谱区
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 大单
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 开盘价
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 自用
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0000000000 0.0028571429
##
## 阶段
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0000000000 0.0028571429
##
## 非常适合
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          朝天宫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原告
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          李某
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          桂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海诉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##

```

```

##          妇科炎症
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蔓越莓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预防
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          修筑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓄水量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          户口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代办所
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          唐宇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          指导
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          过户
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          一锅端
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火箭炮

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      疑犯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      乱七八糟
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      出版
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      印刷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      排版
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      错别字
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          搭
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          好几遍
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          涂鸦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          老爸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南新路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南阳市
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长江路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这季
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          激烈
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##	刘伟		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	第四季		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	超赞		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	种类		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	粉底		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	内外勾结		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##	收费		
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.0011111111

```

##          1 0.998571429 0.004285714
##
##          破解
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          逃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          同样
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          处分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巧妙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          全厂

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      套盒
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9957142857 0.0071428571
##
##      新玛特
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      林清轩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      节操
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      送货上门
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      从原
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          劲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          双凤塔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电信公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西侧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          这排
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偷渡者
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          图是
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燃料箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          米拉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          慈铭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          测哈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弱智
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##	大抵			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	东上			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	口粮			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	美素			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	后遗症			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	爬山			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	腿疼			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          吞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咱家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当谷歌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多年
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          渴望
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几次
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          接下来

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		大力支持	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		韵	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		低保	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		入列	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		汉中	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		补助	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          高领
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          攀岩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第七届
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锦标赛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包装
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          及市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工业协会
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          换届
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          片子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无意间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秘密
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          几十年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          征程
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          探索
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          短短
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缘何
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进步
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买二送
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          兰玉
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          需要的话
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          盱眙
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          路程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安乡县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审理
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          湖南省

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      电动汽车
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      租
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      萧山
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      日阴
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      拨号
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      主权
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          商品流通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正确
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经济秩序
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吴海霞
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多买
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          早定
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          早得
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          玫琳凯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          订单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          赶快
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9928571429 0.0100000000
##
##          限定
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          事到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          出面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医药费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          道歉
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          白内障
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神经细胞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分散
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          总结
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          易通货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          理财师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          初略
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炮炮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          英文
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蹦出来

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一角
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      对象
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      建筑物
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      观察
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      马路上
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      民俗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          注重
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          美术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          余晖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          图瓦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小木屋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          边陲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          使出
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法律顾问
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          点名
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          库尔曼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗尼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表演
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          哪家
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          开庭审判
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          播
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蹲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前身
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏军
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意思
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          助力
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```



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##          1 1.0014285714 0.0014285714
##
##          发起
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          子网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          寻人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高深
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          字眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五点

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	信封		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	必中		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##	惮		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	来料		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	烦		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	猪		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          生肖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          绕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老版
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莫
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          苗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝天白云
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          余米
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐落
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山坳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海拔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          状况
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          空中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```

##          突遇
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          东李
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山路
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直达
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          老沧口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机动车
## sms_words_train$type      No      Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          首映
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          一帮
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          发到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手软
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昨天晚上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          疯子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘村

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四桥
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          久闻大名
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好看
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          电销
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          经验
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          融发
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```
##
##          表达能力
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          责任心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          部门经理
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          啫喱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妮维雅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花王
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          防晒乳
## sms_words_train$type          No          Yes
```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          学姐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          文好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尺寸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          控件
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          跨平台
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          博洛尼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	您提			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	高品质			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	公诉人			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	几辆			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	居民楼			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	上述			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	社区服务			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          远非
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哭笑不得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          思依
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阆中市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          墨守成规
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          混日子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感想

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	告犯		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	版予		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	设定		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	中威		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	盛世		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	双效		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

```

##
##          此款
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          滋润
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美白
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          下头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我弟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扭过来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结婚
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          羞射
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纪检
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          纪检监察
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诉说
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          转业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          勾引
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          某小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          编以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开花结果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火箭队
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          疲软
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          第四节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱尔兰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          稻会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高难度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亿万富豪

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      巴黎埃菲尔铁塔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      多汗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汗臭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      嘻嘻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      祛痘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      粉祛痘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          还加
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          独立思考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盲目
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跟风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          さ
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上面
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          景田
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          潜龙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          经销部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          饮水
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抓点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万亿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          几年
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          国有资产
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          证券化
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          惨痛教训
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全高清
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          力争
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更新改造
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          志
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          志邦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          杨悦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          邦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          画线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮毛

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      跟 盘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      辛 苦
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0000000000 0.0028571429
##
##      暴 躁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      躲 避
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      追 捕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      发 达 国 家
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

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##
##          相差近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欧派
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          一段
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          呈现
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          沉痛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          触动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          壁挂式
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公积金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提取
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下课
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仿佛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                      悲伤
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      流眼泪
## sms_words_train$type      No      Yes
##                      0 0.9998412698 0.0004761905
##                      1 1.0014285714 0.0014285714
##
##                      体系
## sms_words_train$type      No      Yes
##                      0 0.9998412698 0.0004761905
##                      1 1.0000000000 0.0028571429
##
##                      共建
## sms_words_train$type      No      Yes
##                      0 0.9998412698 0.0004761905
##                      1 1.0014285714 0.0014285714
##
##                      图书馆
## sms_words_train$type      No      Yes
##                      0 0.9996825397 0.0006349206
##                      1 1.0014285714 0.0014285714
##
##                      威廉
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      恩
## sms_words_train$type      No      Yes
##                      0 0.9996825397 0.0006349206

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##          1 1.0014285714 0.0014285714
##
##          新闻调查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纽约
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经济学家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          道尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实名
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          提现
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绑卡

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      旅游者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      珍贵
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      纵情
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      间
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      挺好吃
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      酸奶
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

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##
##          鸡肉饭
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热热
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不可估量
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          威力
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交通管制
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航线
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加固
## sms_words_train$type      No      Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          说不定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          优点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          及耗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          固定翼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油耗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	螺旋桨			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	较远			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	提点			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	那要			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	于峻懿			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	万件			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	光大银行			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0000000000 0.0028571429
##
##          套件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          满千送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          热卖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          重豪礼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          准时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          还算
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          防汗

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		签订	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		资管	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		三买	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		城野	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		对策	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		控油	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714



```

##
##          收缩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毛孔
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          上课
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          前十名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          少儿英语
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          本学期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          琳
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          课下
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          后果
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蠢猫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          键盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胡海波
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小麦
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```
##          还用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          送给
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          阿尔巴尼亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法警
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          协作
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          德化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          犯罪预防
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          通报会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两吨
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          承保
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自卸车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          合法权益
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          签订合同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          需谨慎

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传统产业
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不妥
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          篮球联赛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          换来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敷衍
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上当受骗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          雨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          开吃后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饭局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中兴路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          望远镜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          给你个
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大都
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市面上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          停牌
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          轮船
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          显眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	城会			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0000000000	0.0028571429
##				
##	江湾			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	第一届			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	罗浮			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	达州			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	感受一下			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	英语教学			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302



```

##          1 1.0000000000 0.0028571429
##
##          张靓颖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方大同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          错人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          几千元
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可省
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          定金

```

```

## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          红星
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          美凯龙
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          芜湖
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          门店
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          放过
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自驾
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          第一季
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          谘询
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          通关
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          怕怕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          误闯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跨省
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卤味
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怪
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          正宗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          海鲜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          纵辣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻辣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          一叠
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纸放
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事迹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          光荣
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女票
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          助理
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小娜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          正式版
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          第一款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          安倍晋三
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真理报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秦淮河
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          著名
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          要冲

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      夯实
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      微商届
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      撼动
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      无可替代
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      潮
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      无锁版
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          转运
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          有位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神经病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遇上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          故障
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          湘雅医院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮肤科
## sms_words_train$type          No          Yes
```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          皱纹
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          人民网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          击败
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总金额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滚远点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          菲律宾人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          回应
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          方丈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辩解
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          释永信
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          原型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灌篮高手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          篮球
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          原油期货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收跌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厅级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落马
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          败坏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郑林

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      体验式
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      第一家
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      凯帝
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      尔顿
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      折冬款
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      日到
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9957142857 0.0071428571

```

```
##
##          空 驰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          请 来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          我 会
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.0000000000 0.002857143
##
##          祝 你 们
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞 过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电 脑 化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生 病
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          健脾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          化痰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          津
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          南昌市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新建县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九号
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

```

##          漫天雨晟华苑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羊绒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小弟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          满脸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血丝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交汇处
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          双麒路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          杨路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白下区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          商机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅游业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欧元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法国

```



```
## sms_words_train$type           No           Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          贬值
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东城
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          东莞
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          时装
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洗脸
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          报考
## sms_words_train$type           No           Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
```

```

##
##          该校
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招聘会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          意义
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          黑夜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洛舍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相对
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          管委会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          约谈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          警示
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          图库
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          色情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          途径
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人寿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啦啦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梁翠丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文明礼仪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法律法规
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          突发奇想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邻里纠纷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万辆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          销售量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墨西哥湾

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      引发
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      钻油
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      主角
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      再传
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      挽尊
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      备受
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          尊崇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银杏树
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笼子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耗子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          击毙
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          歹徒
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          狙击手
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砍死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深圳证券交易所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上班族
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          娜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          无担保
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          私营
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##		东张西望		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		嬉戏		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		急转		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		载人		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		骑车		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		骑车人		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		万贯		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          半生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好几百
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          败净
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          苏州街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丽妍

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      年轻漂亮
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      彩妆
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      曼珂迪斯
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      来特
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      美容院
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      从此以后
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          厂商
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          疆土
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这块
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          血案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调味
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饮用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两款
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三星电子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指派
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资深
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          一万个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北大
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          变坏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          太精彩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法律系
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          何苦
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          檔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裡都
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          這是
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          電腦
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

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##          1 1.0014285714 0.0014285714
##
##          汤包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸡鸣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顶栏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熬到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交警支队
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          资源网
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          现金支票

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顺走装
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          克抹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勺
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沥干
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白糖
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          精制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          茶粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          拉升
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          视网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几张
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          古老
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          断裂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          画像石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          羊头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一步
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          生态
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          翻页
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中心医院
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          汕头
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肠粉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硬件
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          好醉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李易峰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          泄露
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          艺人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          隐私
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          主播
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八大
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          各带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西湖

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      潜在
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      肉类
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      或者说
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      股票投资
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      十二
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      棉衣
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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```
##
##          泉溪
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特步
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          选够
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鞋服
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          发威
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气温
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          久光
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屈臣氏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新地
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          理肤泉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          不坏体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          残章
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##	阴煞			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	青海			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	无限			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	更强			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	博览会			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 0.9985714286	0.0042857143	
##				
##	家居			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9885714286	0.0142857143	
##				
##	广阳			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	



```

##          1 1.0000000000 0.0028571429
##
##          廊坊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          道天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          手提袋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          携带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别致
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搭配
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          一路上

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      优质服务
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      切实
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      学长
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      之夏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      群星
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      屋内
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          布线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          居室
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          引导
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          优惠酬宾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          利格
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          史无前
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来店
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 0.9914285714 0.0114285714
##
##          款买衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洛德
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          联诀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蝶变
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          战
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一比
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          开水
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          煮熟
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安装程序
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          启东
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          红十字会
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陪同
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中央人民广播电台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

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##          1 1.0014285714 0.0014285714
##
##          乐游
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          星期一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          节目
## sms_words_train$type          No          Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          中印
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拉萨
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          爆发

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      边界
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      领事馆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      四轮驱动
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      第五代
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      起诉书
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      争议
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          减持
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          子公司
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          引
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          护盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          林左鸣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高调
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          积木
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长高
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小到中雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扬中市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          垂耳兔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特典
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          配信
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          师专
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稳健
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          初相遇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华胥
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          苏誉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          集叶蓁
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          因果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          显
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逼格
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一大步
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          精进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逻辑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滑板

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首辆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三中
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新沂
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          楼三楼
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火情
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尿意
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          没多久
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          向下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          月线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          活活
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走出
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          大气质量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水质
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多余
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲密
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          暗算
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公顷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周边
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          郡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关键词
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          屏蔽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所长
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          打了个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          撞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          林泽圳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          无表情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          八一
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          级别
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          为人所知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷酷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          带走

```



```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无比
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身后
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          大人
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          布里奇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀胎
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱尔兰
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```

```

##
##          占用
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          新华书店
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漫展
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北海市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北韩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土特产
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滨海县
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白河县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          集聚
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看见
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.001428571 0.001428571
##
##          上百年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                尽快恢复
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                布隆迪政府
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                敦促
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                古村落
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                桐庐
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                镇政府
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0000000000 0.0028571429
##
##                删除
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          周开毅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          江铃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          皮卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          试驾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          销售员
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得以

```

```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          赌博
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          保护区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原始森林
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大片
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          植被
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          效能
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##           现阶段
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           车头灯
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           量产
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           高出
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           小土豆
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           滨海学院
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           正嘉
## sms_words_train$type           No           Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          依托
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后盾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          凉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          养
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          废人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宏观
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		管理所		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		运用		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		金融风险		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		一副		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		一身		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0000000000	0.0028571429	
##				
##		几步		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		汗怕		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          爬楼梯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睡不醒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老是
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脸色
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          新招
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          港版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旗下

```

```
## sms_words_train$type           No           Yes
##          0 0.998730159 0.001587302
##          1 1.001428571 0.001428571
##
##          桑德森
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护唇膏
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          州府
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常
## sms_words_train$type           No           Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          物业管理
## sms_words_train$type           No           Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          琛
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```

##
##          村民
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          至此
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进共
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          请假
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赚
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          中控
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          佛山市
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          帘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百叶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百叶窗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          维高
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          铝材
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高隔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          仔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十三行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四点
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          寄货
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          开往
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          本车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          沙河
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          环
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          石湾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          肥
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          车队
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          男孩
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          百科

```

```
## sms_words_train$type           No           Yes
##           0 0.999047619 0.001269841
##           1 1.001428571 0.001428571
##
##           道理
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           求婚
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           深情
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           黄恺
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           丽颜
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##           佳节
## sms_words_train$type           No           Yes
##           0 1.0001587302 0.0001587302
##           1 0.9957142857 0.0071428571
```



```
##
##          共同
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9971428571 0.0057142857
##
##          在此期间
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          携靓哲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欢度
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          阳春
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          再度
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          税
## sms_words_train$type          No          Yes
```

```

##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          视线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周杰伦
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          小周周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          性别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玉山
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          贸易网
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          会议室
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          吉祥如意
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          周松青
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          弱电
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          数字
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          湖儒
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          节日愉快
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          音响
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          裁员
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          五件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十座
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走过
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          出场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姝

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      录到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      点档
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      目前为止
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      转张
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      读书
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      第一批
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          蒋
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          嫌怨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          政权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没理由
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘴
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          前台
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          克拉
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          恋人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蔡照
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产假
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劳动
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          明确规定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          法规
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫霞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          托底
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分裂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朝鲜半岛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          人设
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          师长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成武
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          祖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第十七集
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运载

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      侵害
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      利用职权
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      毁坏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      民利
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生态环境
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      重大损失
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          万以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          买主
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          坐便器
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工程造价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          材
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          特等奖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          法制
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          酒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试下
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          查不到
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          药品监督管理局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商谈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	混池县		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	和谐		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	小商贩		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	使用率		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	售		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9942857143	0.0085714286
##			
##	均价		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##	近在咫尺		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          通风
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          郑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          采光
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美术馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三七
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          原产地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秒速

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      京城
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      胎记
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      诊疗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      出嫁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      市区
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      西西里岛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          折外
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          海报
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          见店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          皮凳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          储奶袋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          母乳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          袋
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德佑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经纪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          找虐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承受
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          衣架
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下关
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大理
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          捡
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          乐活
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          家园
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          操等
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          欲报
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          竞答
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          精彩内容
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          于港
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          加盟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          卓越
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          指压

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      偷车
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      潜入
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不动
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      死活
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      可贷
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      小额贷款
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143

```

```

##
## 山东省政府
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 框架
## sms_words_train$type      No      Yes
## 0 0.9996825397 0.0006349206
## 1 1.0014285714 0.0014285714
##
## 签署
## sms_words_train$type      No      Yes
## 0 0.9995238095 0.0007936508
## 1 1.0014285714 0.0014285714
##
## 蚂蚁
## sms_words_train$type      No      Yes
## 0 0.9998412698 0.0004761905
## 1 1.0014285714 0.0014285714
##
## 金服
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 上苍
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 喜乐
## sms_words_train$type      No      Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          乘务长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          告知
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          专家论证
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副所长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十三
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          教研员
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          教科所
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教科院
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李斌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汪雷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特教
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特殊教育
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王辉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          申报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蚌埠
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          课题
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈启刚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈萍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          如果说
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          抢劫犯

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      枪击案
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      习惯性
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      代驾
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      全天
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      扰民
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      园林局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          监察
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          肇事
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追责
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东海
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          四六级
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          中山陵
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大桥
## sms_words_train$type      No      Yes
```

```

##          0 0.999206349 0.001111111
##          1 1.000000000 0.002857143
##
##          大讲 堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新 闻 稿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          民 企
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          支 线
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刘 水 莲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有 缘 人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	心脏			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	总医院			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	煤炭			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	亮澤			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	奇蹟			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	活膚			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	瑞士			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          劳森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          控卫
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          正牌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贝弗利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漫谈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社友
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破碎

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      锤
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      店薇姿
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      联华
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      赠 品
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      进八强
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      防化兵
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          领跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保险资金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浮出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逐渐
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          巡视
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          群殴
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欲望
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泡温泉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悉尼大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经济学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全是
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          每时每刻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          甲骨文
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          能看懂
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高考题
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手稿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍照
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          白板
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异国他乡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          实名制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唐尼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗伯特
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嗒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          困困

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大意
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          豆瓣
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          保健品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          养颜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          却是
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          由内而外
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          私户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          健康美
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多吃点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女神
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          屏保
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想想
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          激励
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肚子
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          饥饿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提早
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          赶去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不负责任
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	0.9985714286	0.0042857143
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	0.9985714286	0.0042857143
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.00	

```

##          1 0.9985714286 0.0042857143
##
##          逸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          头上
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          着装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吕四
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失去
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          极度

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不亮
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中河
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      几盏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      多天
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      宋诏桥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      搭理
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          紧靠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鄞州区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          别树
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          日化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          昕
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          玲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          农业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晚报
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          模式图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生鲜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

门户网站			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
龙网			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
图像			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
地球表面			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
多地			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
客体			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
或事物			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          遥感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遥感技术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          制衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          合众
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          生意兴隆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          衬衫
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          衬衫厂

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      贴牌
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      领
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      风压
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      鲁生
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      包围
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      坟墓
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          教堂
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          企
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          柜面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          储能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基因组学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无人驾驶
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          物
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不忘初
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厚德载物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宁静致远
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心方得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大啊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小俱利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		胖 回		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		裤 腰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		塔 式		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		墩 台		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		廊		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		建 有		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		桥 亭		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          间桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闷痘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一双
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想起
## sms_words_train$type          No          Yes
##          0 0.998888889 0.001428571
##          1 1.001428571 0.001428571
##
##          万元户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拜年
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新衣

```

```
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欢笑
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          熊
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          羊年
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          贝
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贝贝熊
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一等奖
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```

##
##          健美操
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吉阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顶一顶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞎学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          磁盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          元及
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          包内
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          财物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李贱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一早
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          回春
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		品 坊		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		彻 彻底底		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		审 美观		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		密 切 相 关		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		睡 到		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		大 秀 场		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		高 速 公 路		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          人民政府
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          耕地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          责任制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动不动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          个月
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          付息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          企资管

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      半年
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 0.9985714286 0.0042857143
##
##      在售
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      有个央
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      稀缺
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      花瓣
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      靠背椅
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          数据源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驱动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          伊顿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山特
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电源
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          艾默生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓄
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天已
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受托
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          委托
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          富乐顿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##		编者按		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		美国加州大学		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		元新客		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		典雅		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		店套		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		贵		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0000000000	0.0028571429	
##				
##		双雄		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          首位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出轨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          失
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          联
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          刑事犯罪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职务犯罪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          机体

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      中泰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      袭击
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      警务人员
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      遣返
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      人文
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拜金
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          腐蚀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更多
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          票证
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一百位
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商学院
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          店家
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          拓客
## sms_words_train$type      No      Yes
```

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##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          沃佳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          留客
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          试点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          转卡率
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宣判
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          导航系统
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                      船只
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      后装
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      失败
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      支架
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      肠梗阻
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      体育
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      大一
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          买不到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泪点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱奇艺
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          迅雷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          服务台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          铜

```



```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      印象
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      山寨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      人去
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      吃药
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      懊恼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      说病
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          那条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          难受
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桐琴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第六届
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蜜梨节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单反
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骗局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工作室
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          机后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欺骗
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          下着雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          亲近
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          捏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晚风
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背包带
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脖子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这段
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酸痛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          剛好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姜敏赫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党和政府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帶去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三室两厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          两卫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          姚孟东

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		扩	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		现售	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		力量	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		注入	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		保险柜	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		多条	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          忘记
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          题目
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          咖啡馆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一降
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          折扣价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          清仓价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          巨额
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一杯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不能不要
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          变本加厉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咖啡店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少放冰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          开场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银座
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9957142857 0.0071428571
##
##          压片
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          左旋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          糖果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老少皆宜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          肉碱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事業
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          億美元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          協助
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          市場
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          網路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改装

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      靓车
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      带书
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      衣服
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      被子
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      余承东
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      出席会议
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          修建
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          总统府
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          愚蠢地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          照壁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中期
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          利好
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          报个
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小桥流水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气息
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          哀家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      恢复正常
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      拜拜
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      孤独寂寞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      情缘
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      截图
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      不满
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      保定
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 0.9985714286 0.0042857143
##
##          判罚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          容大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涂
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          花园
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 0.9942857143 0.0085714286
##
##          午间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科德

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      加速
## sms_words_train$type      No      Yes
##      0 0.9995238095 0.0007936508
##      1 1.0014285714 0.0014285714
##
##      小家伙
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      他俩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      分手
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      哭丧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      屏碎
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          牛油果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百分之三十
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前进
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          实习
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          动用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          维权
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          爱情故事
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          看个
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          稀里哗啦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          未查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          利辛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	涡阳			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	蒙城			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	调律			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	调琴			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	阜阳			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	0.9985714286	0.0042857143
##				
##	颍上			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	商业模式			
##	sms_words_train\$type	No		Yes
##		0	0.9995238095	0.0007936508

```

##          1 1.0014285714 0.0014285714
##
##          意向书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相应
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农家乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四星级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          授予
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          称号
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经营户

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      想来
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      两百
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      五百
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      保证价格
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      保证质量
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      南漳
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
## 同行业
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 大户
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 树苗
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 种植
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 宗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 避让
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 包减
## sms_words_train$type      No      Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可供
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          局部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          肥肉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汇款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宁淮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          花旗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          营往
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亿人与
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          红绿灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          香颂湾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鹏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          价值观
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```



```

##          1 1.0014285714 0.0014285714
##
##          实力
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          衡量
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          晚年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有着
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          上线
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          服和假

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      爽快
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      软妹币
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冤假错案
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      动机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      恶性
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      悲切
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          控告
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          掩盖
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          提纲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          的唤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓄意
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          陷害
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三秋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          两瓶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          喜庆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          版醉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百大
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          筹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          认
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          资格
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          预交
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          长跑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入账
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顺序
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          安全带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          超速
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电影城
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拉拉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          捆绑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩玩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          湟源县

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      营救
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      过藏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      折磨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      真情实意
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      言行不一
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      取代
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```
##
##          夸大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          到期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          妮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          帕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蒂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          韩
## sms_words_train$type          No          Yes
```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          到了
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          到来之际
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          失不再来
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          徘徊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          着您
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          穆家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	营店			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	展览会			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##	户外用品			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	第十届			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	中流砥柱			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	更是			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 0.9985714286	0.0042857143	
##				
##	蓝中			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          方某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          众联
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主承力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          构件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迄今
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钛合金

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		几件	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		分组	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		同学会	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		展示中心	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		贵阳	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		贵阳市	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          高新技术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅游观光
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          芳香
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最配
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          免疫力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蜂王浆
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          无所事事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沃尔得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人山人海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          壮观
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          领略
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          令人难忘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	十佳			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	在看			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	球球			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	球骑			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	生涯			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	詹姆斯			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	木工			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          新港
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          海南
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          润鹏店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自创
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          餐饮企业
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          失窃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电车

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		之旅	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		夏令营	
##	sms_words_train\$type	No	Yes
##		0 0.999206349	0.001111111
##		1 1.001428571	0.001428571
##			
##		粉红	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		康	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		拉开帷幕	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		艺术节	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          茉莉花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首场
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          里播
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马赛克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仅仅
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          六个月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          判处
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          获利
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          龙门县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土壤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抛弃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赵本山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全资
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          匿名举报
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姓名
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          室友
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上海站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北京站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厦门
## sms_words_train$type      No      Yes
##          0 0.999365079 0.000952381

```

```

##          1 1.001428571 0.001428571
##
##          换为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仰卧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蹲起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞回来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发放
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小额
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          扶持

```

```

## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          渭南
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          界面设计
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗发水
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          珠
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          贵宾
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9957142857 0.0071428571
##
##          推新代
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          完花千骨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          撸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          酱紫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指纹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冻住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冻死
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          士兵
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          德军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下滑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          倒退
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          斜坡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		离地		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		乐山市		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		摄影家		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		文化馆		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		天中		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		驻马店市		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		阳痿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          复古
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          日系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮流
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          皮质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背包
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          无风险
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来了

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		钱放	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		债权	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		发行	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		融融	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		上海电视台	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		下学	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          化妆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          美甲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          证书
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          事务局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘红波
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受贿罪
## sms_words_train$type          No          Yes

```

```

##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          望城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          湘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滥用职权
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          立案侦查
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          经开区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          聘用
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          买回
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          假钞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叠
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白纸
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡线
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蜀黍
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          上饶市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡察
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有着落
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          案件线索
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          确保
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          移交

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      首期
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      西乡
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      喷气式
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      姿势
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      机翼
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      风气
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          实来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五年级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          班主任
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被上诉人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          研华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          任二
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生效
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          滚动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          私下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          就会成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          姓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          撩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人力资源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保障局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天津市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河西区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          偶像
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          孩儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打牌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双倍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9942857143 0.0085714286
##
##          此祝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          粉们

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      西亚
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      购物满
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9971428571 0.0057142857
##
##      处处
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      我怕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      活不下去
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      真谛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```

##
##          艰难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钱难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          难吃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鼓劲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天之痕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          惊心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          戏点
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梁祝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          步步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轩辕剑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸳鸯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          他妈个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          妖先
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航空母舰
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          印度人
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          末子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞美
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中石化
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          林丽娜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          梁福德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          禁食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新沂市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑埠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华盛顿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多伦多

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收复
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钓鱼岛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一扎
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不见不散
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好久不见
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          时蔬
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

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```

##
##          涮锅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          甜甜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          豆浆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          入院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          急性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          描述
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          病情
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          佳绩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          批次
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          级德艺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          院校
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叮叮当当
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	单刷			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	帅炸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	操场			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	一亿分			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	三花			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	倾力			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	宅			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 0.9985714286 0.0042857143
##
##          庄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          恭迎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          纯美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          豪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牙医
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牙床
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亿台

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      发货
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      提前完成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      改编
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      昨夜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      下水
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      华帝
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          拼的
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          星盆配
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          灶仅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          烟机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          购华帝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          送华帝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          城墙
## sms_words_train$type          No          Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          明城墙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秦淮区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          集庆门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          即时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调阅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	本 泽 马			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	自 拍 照			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	金 融 债			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	面 市			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	胞			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	三 缄 其 口			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	信 访			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          美味
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关键时刻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卡得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气愤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          莫过于
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          要死

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      包庇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      王玉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      袒护
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      违法乱纪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      铁证如山
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      捐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          记录
## sms_words_train$type          No          Yes
##          0 0.998571429 0.001746032
##          1 1.000000000 0.002857143
##
##          遇难
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一顿
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          不求
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          付出
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          如此这般
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心疼
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          恐怕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          就够
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          往往
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

```

##		情歌	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		略过	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		磨难	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		认领	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		越境	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		探讨	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		糖尿病	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          肾功能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肾病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          业务联系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作曲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作词
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岱

```



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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          录音
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彦
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上诉
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          买单
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          大型犬
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管理区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          饲养
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          主持
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          特训营
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          胡彦平
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兼具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燃油
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经济性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冻膜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欣兰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          透白
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黑头
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          黑里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	技巧		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	指标		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	背离		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	详解		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	义务		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	兵		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	特技		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          专惠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          人天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          光彩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          扮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          枣庄
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          添
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          雅粉

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      雅莹
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      靓女
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      今麦郎
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      文盲
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      优等
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      地砖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143

```

```
##
##          庆典
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          每片
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          畅销
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          一同
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          新气象
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          安东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          惠山区
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          约会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          手环
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          掌控
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孟州市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工商局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



```

##          河南省
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          变化很大
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小学同学
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不太好
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丢个
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运气
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失落
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          交通运输
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劫持
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡防
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          演练
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          管理处
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          防
## sms_words_train$type      No      Yes
##          0 0.999206349 0.0011111111
##          1 1.001428571 0.001428571
##
##          劈

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      事物
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      尝试
## sms_words_train$type      No      Yes
##      0 0.999206349 0.0011111111
##      1 1.001428571 0.001428571
##
##      没想
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      学识
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      缴费
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      关西
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          整套
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灰色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          遮挡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          死者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          被关
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保姆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸟蛋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小众
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拥抱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		借钱		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		多出		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		账目		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		流畅		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		上榜		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		球队		
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 1.0014285714	0.0014285714	
##				
##		二套		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          国新
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          梦里
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          算是
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          新店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          稻香
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蠢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外观设计

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      关机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大半天
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      靠不住
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      参保
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      闪购
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      三肖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          中特网
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          九肖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          九肖选
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          址
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          彩霸王
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          期九肖六肖三肖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          牛兔
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          龙蛇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          刮跑了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          是否是
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          庆贺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          登台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发羊财
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	售楼部		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	0.9971428571	0.0057142857
##			
##	大气		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	雁山		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	图形界面		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	编程		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	保镖		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	没事		
##	sms_words_train\$type	No	Yes
##	0	0.999365079	0.000952381

```

##          1 1.001428571 0.001428571
##
##          慢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暂缓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破灭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卷皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          侵权人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受害人

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      损失
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      逗我
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冬瓜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      占满
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      垂直
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有手
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          爬下去
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老年人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人口
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          学者
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数年
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝路华
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全工程
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盐城市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          哇啦哇啦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留头发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乔迁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	前山			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	友邦			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	商務酒店			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	开张			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	立交桥			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	粤海			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	羊莊			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	



```

##          1 1.0000000000 0.0028571429
##
##          老友记
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          订座
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          豪庭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          关系户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          横行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          架飞机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          烧结

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		挺好用	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		乡下人	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		公交车站	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		见过世面	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		再融资	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		发审	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          日内
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          震荡
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          免邮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          答应
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拐骗
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逃不掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所夏萍
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美绘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一块
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          凹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	肿起来		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	牧云		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	链条		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	晕车		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	老河口		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	针		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	凉亭		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          切尔西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花卉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          五天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          佳信
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          出台
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四晚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新交规

```

##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	难度		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##	吃的		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	地进		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	次了		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	全称		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	惬意		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

```

##
##          慢慢
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          抱成一团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痉挛
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          舒展
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          店折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          格兰
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          港区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          设在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          月球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          良心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##

```

##		邮到		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		停放在		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		摔机		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		破裂		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		发根		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		黑色素		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		启幕		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          彝族
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楚雄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火把节
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一分钟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          十个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火锅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          闻到

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		呼吸道	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		静电	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		形状	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		以身试法	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		打破	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397 0.0006349206	
##		1 1.0014285714 0.0014285714	
##			
##		电疗	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```
##
##          网瘾
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干性
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油性皮肤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夸张
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洛杉矶
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          用具
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开支
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剧本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          展现
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          极端化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上刷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          形容
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心情
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```

##	男男女女			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	瞄 默			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	羞 羞			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	许 久			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	这 剧			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	邻 座			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	惹			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	

```

##          1 1.0014285714 0.0014285714
##
##          十字路口
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          甘心
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瘦弱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神经质
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胆小
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          软弱无力
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遗传基因

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      织法
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一根
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      人来
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冰淇淋
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      脚步
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          建邺区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监测
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          监测站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          验收
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          出镜率
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人民警察
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          推向
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深渊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罪恶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一夜间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新秀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          角逐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          去往
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          次日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必胜客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上柜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          手感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秋款

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		精致	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0000000000	0.0028571429
##			
##		面料	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		专车	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		拖行	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		虎	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		身亡	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          千里迢迢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          送过来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一夜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小龙女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          义
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          状元
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          王俊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窃得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名膜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          均匀
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          壹号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          水油
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          肤色
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          锁住
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上吐槽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北软
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩毛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合租
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          羽绒服
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          问过
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          很多年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全营
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分队
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巡查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          板桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直属

```

```
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           顺义
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           顺义区
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           纪录
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           股价
## sms_words_train$type           No           Yes
##           0 0.9998412698 0.0004761905
##           1 1.0014285714 0.0014285714
##
##           庞涛
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           西区
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
```

```

##
##          舜创
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍了拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瑶瑶妈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞎聊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一抓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          准
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挨个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双肩包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感强
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          送走
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		南方		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		轴承		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		卡和晓哥		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		纹理		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		不理		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		威斯		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		康尼		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          新世界
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          牵头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          设
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          处理器
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          英特尔
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          天安门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诸如此类

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      圆形
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      炫彩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      尖头
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拼色
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      松糕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      短靴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          芬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          豹文马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          靴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马毛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑白
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          肠胃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赶上去
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张狂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吸纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徐州市
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          社保
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全友
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          春惠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          王丽平
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          辅
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          七天
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夜中
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大逆转
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          步
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第六
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          罪孽深重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龍之介
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金陵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奇葩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          卡册
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          康银阁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          张苏生

```

```
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成件
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          搜 藏
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          散 装
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百 分
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百 分 比
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          纯 利
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
```

```
##
##          藏品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          以作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          士人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雍正
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二号线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小白
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高颜值
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          对决
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          组别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          上架
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          几款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          潮品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胖仔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          值得一提
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意犹未尽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能读
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          读毕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          博文
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          办公区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庭院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水润
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细腻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          颗粒

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生殖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      辅助
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      几十辆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      场面
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      追车
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      震撼人心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          观赏性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          共同开发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北辰
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          和旭辉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地王
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鄙视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          月湖
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赶赴现场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲述
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这篇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          推到
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          次数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          误输
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		指向		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		矛头		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		皂		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		礼盒装		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		可盼		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		拐卖		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		无期		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	

```

##          1 1.0014285714 0.0014285714
##
##          没过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追诉时效
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蚕丝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          大炮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加送
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通常
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下柏一环

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      五层
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      分租
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      招租
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      罗村
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      冲卡
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      国际妇女节
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          歌 中 歌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          生 生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          地 毯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常 春 藤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散 发 出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有 害
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气 体
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甲醛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          的苯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我呢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          很灵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丰富多彩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好了吗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          宁夏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          无权
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买二赠
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蓝地
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麦凯乐
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一时
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吴
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0000000000 0.0028571429
##
##          常台
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          江段
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏州地区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二期
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亮点
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          捧

```

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## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      贵妃
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      零食
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      入选
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      心意
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      片酬
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      背景音乐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
##          中央
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          寒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打虎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清汤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狗子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百姓
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黎明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乾坤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          物业费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          积极参与
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          规范性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          厦
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          国美
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          塘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          战火
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          比价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          点燃
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          直降
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          震撼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          发博
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘉哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          业绩
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 0.9971428571 0.0057142857
##
##          五生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          双剑合
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          巩波

```



##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	壁		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	輔導		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	高度		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##	帅气		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	彩排		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	旋身		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          横踢
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个赞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微博能
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失误
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          负担
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          柴华
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          任志强
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          螺旋性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩野
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          节奏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

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##          前期工作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发电
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下属单位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九龙湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招录
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普通人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高淳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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```

##          1 1.0014285714 0.0014285714
##
##          两家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风投
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风险投资
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全系列
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          创维集团

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      天韵
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      市场价
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      德阳
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      洗衣机
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      免税店
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      新罗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          公安局长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老人家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老妇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钙化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勤快
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          印染
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舒心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大通
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鼎尚鲜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一审
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          柳城县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##	同学们		
## sms_words_train\$type	No	Yes	
##	0 0.9996825397	0.0006349206	
##	1 1.0014285714	0.0014285714	
##			
##	这一		
## sms_words_train\$type	No	Yes	
##	0 0.9995238095	0.0007936508	
##	1 1.0014285714	0.0014285714	
##			
##	锡宜		
## sms_words_train\$type	No	Yes	
##	0 0.9998412698	0.0004761905	
##	1 1.0014285714	0.0014285714	
##			
##	报销		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0000000000	0.0028571429	
##			
##	披露		
## sms_words_train\$type	No	Yes	
##	0 0.9996825397	0.0006349206	
##	1 1.0014285714	0.0014285714	
##			
##	信息技术		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	源于		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          跨国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          余名
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          党课
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          分管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副检察长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          大庆市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庞相梁

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      战线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      差货
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      市面
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最具
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      博弈论
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      哈尔滨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429

```

```
##
##          交房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          江景
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          清盘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          绝版
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          点开
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          智能化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水中
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奶奶家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有点烦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          色差
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重画
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成效
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扬子晚报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

教学改革			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
通达			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
邮电大学			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
十六个			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
平喘			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
柿饼			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
润燥			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          晒晒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          补钙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强烈要求
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一下周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冬雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三千

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      何美云
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      十九岁
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      最小
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      罗定
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      抢匪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公国
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



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##
##          华沙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城堡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木结构
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王宫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玛佐夫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舍
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          防御性
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三洋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          巨头
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          帝度
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          图花千骨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          半年报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	狠下功夫		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	稳定性		
##	sms_words_train\$type	No	Yes
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	万斤		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	放养		
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	白鲢鱼		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	鲢鱼		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	藤球		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			

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##          1 1.0014285714 0.0014285714
##
##          运动会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我能
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挥之不去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凶猛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扑来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子厂

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      婚纱照
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      晨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      稻城
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      绝美
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      范冰冰
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      范爷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          三党
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          古风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          控渣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摆
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          最萌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秦时
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          羽人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预祝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          魅影
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          变为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          央视
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          揭露
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          根治
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秀出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          形态
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重构
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一应俱全
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          垂钓
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          家乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          家常菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          无己
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汤锅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白酒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          菜品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          人体
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          原理

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##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	坐坐		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##	头颈		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	工程学		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	康耐登		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	念		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##	肩背		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429

```
##
## 臀
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0000000000 0.0028571429
##
## 五一
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 0.9985714286 0.0042857143
##
## 奇石
## sms_words_train$type          No          Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 好时机
## sms_words_train$type          No          Yes
## 0 1.0001587302 0.0001587302
## 1 0.9985714286 0.0042857143
##
## 展位
## sms_words_train$type          No          Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 或加
## sms_words_train$type          No          Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 爆棚
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自驾车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蒋先生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          预订
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄金周
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          人装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可怜
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

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```

##                      眼科医院
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      眼镜店
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      配镜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      高潮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      静静的
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      恐慌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      散户
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          说实话
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          折射
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          越大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          越近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阴暗面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后背
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          娃娃

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      翻领
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蕾丝
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      镂空
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      多长时间
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      陈先生
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      温床
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          万江
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宝业
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          机电产品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          经营部
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大行官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刑法
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          因果关系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          该类
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穿过
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          民众
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          海啸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人脑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	法则		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	运算		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	同盟		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	必用		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	敷尔佳		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	针后		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	人缘		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          善良
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广结
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心底
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诚实
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          象征
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          显卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自动关机

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不在乎
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      全剧
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      上品
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      华联
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      安莉
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      店丁公桥
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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```

##
##          折扣店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          澧县
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          街心花园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大恩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敢
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          荆涛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陶宽
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马明辉林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万多元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欠费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遗失
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          始作俑者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路由器
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          连不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刀除
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剃毛器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脱毛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          腋毛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腿毛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          局打
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          热血沸腾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逆风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最穷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凡到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凯虹恩派
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          实付
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          雅店

```



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## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          心满意足
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          堕落
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          引诱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          魔鬼
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第五个
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```
##
##          肝炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保时捷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喜中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彩票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自选
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不得不
## sms_words_train$type          No          Yes
```

```

##          0 0.999047619 0.001269841
##          1 1.001428571 0.001428571
##
##          佩服
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          字幕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          板凳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          续
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          一区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          左
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绿灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大当家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          拍卖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          派克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          私宅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          有落
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          码出
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          五谷杂粮

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      农家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      吴家庄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      绿豆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      转基因
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      多路
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      玩得
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          干脆
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          有钱
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          老汉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通奸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          收获
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水蛇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天上人间
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          日坛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          病毒杀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监听器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窃听器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阻碍
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一浮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```

##                    五年
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##                    农商
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                    到顶
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##                    垸
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                    定期
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##                    定期存款
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                    石首
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          到处
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高楼大厦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九襄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公路
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          剩钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          埝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木村

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      村九襄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      村大
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汉源
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汽九襄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      路北
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      摇头
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          收盘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          朗源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          短线
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          聚焦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鲜果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梦洁家纺
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          纺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          罗家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不過
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          依附
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          反射
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          群像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		改成		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		乘凉		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		动手脚		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		玩游戏		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		朝阳		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		高级人民法院		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		空间设计		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          流泪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大减价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          百元
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          衫
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          信息系统
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公共卫生

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      初步
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      医疗卫生
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      基层
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      指挥中心
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      武进区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      姜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429

```



```
##
##          宽 墅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          江 山
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          法 式
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美 宅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          都 市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鄞 南
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          因 买
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运费
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          在线教育
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          版块
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万股
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          四维
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          图新
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          店主
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          新茶
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          棋牌室
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          茶艺馆
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          营
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 0.9985714286 0.0042857143
##
##          邀月楼
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          小步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文明
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          洱海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苍山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风花雪月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偏爱

```

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          数码产品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          随身
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人显
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修长
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高挑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挖断
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          铁铲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美国法院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          页
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仅为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扩充
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南宁市
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金湖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          金源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丽都
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          白书成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可用
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          刚翻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          小腿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          翻出来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐不起
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          快要
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穷人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内景
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盛泽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          助教
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          临街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          公馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旺铺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          晶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麦德龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动力系统

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      照曝光
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      谍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      国税局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      联合推出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      融
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中的
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          竟像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创科
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          池
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沉入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大学老师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执裁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联赛
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          专用
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          交友
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          点点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一二五
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          今期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	十二生肖		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	单双		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	大将		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	无帅		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	横财		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	玄机		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	相伴		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0000000000 0.0028571429
##
##          红兰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          葡京
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赌侠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          重码
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          金花
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          龙马
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          带进

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      木质
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      渔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 0.9985714286 0.0042857143
##
##      渔船
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赣榆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      什麼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      留院
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          仪表盘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          充电机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          叉车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          喻工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          报修
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电路板
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          护肤品
## sms_words_train$type          No          Yes
```



```

##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          新世纪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          望且
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          柏氏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          珍惜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          第二件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          节是
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		行且		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		韩后		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		不孕		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		不育		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		先天性		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		天鹅湖		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		昨几个		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          车去
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          顺风
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          刀子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          割开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          底子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泡
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          泡面

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      短
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      租期
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      举
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      口水
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      妹纸
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      天和明
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          平湖
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花桥
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二次元
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洒
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲着
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          柯震东
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱上
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强房企
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太甜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          完而
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          很久没
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	游戏机		
## sms_words_train\$type	No	Yes	
##	0 0.9998412698	0.0004761905	
##	1 1.0014285714	0.0014285714	
##			
##	一二		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	追到		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	预赛		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	法属		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	舱门		
## sms_words_train\$type	No	Yes	
##	0 0.9998412698	0.0004761905	
##	1 1.0014285714	0.0014285714	
##			
##	错误信息		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          经常出现
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄褐斑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年销售额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德善
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逾
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          人要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          独自

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      终究
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      谨慎
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      罗
## sms_words_train$type      No      Yes
##      0 0.999365079 0.000952381
##      1 1.001428571 0.001428571
##
##      长成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      公正
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      审判权
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          行使
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          串儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吃个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饭分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          取走
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潜艇
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          放着
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          餐具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乱乱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偷东西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巨龙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	电瓶车			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	妇科医院			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	良性肿瘤			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	东方广场			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	惠存			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	成本			
##	sms_words_train\$type	No	Yes	
##		0 0.9995238095	0.0007936508	
##		1 0.9985714286	0.0042857143	
##				
##	授信			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          江东区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          省事
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          已知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当中
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          鼓楼区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          参数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外观

```

##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	机身		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	寒山寺		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	房源		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 0.9985714286	0.0042857143
##			
##	前所未有		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	蝉翼		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	观众		
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```
##
##          借基
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          就近
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          当阳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          外语学院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经贸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全车
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上宁合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加满
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不响
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回想
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          日子
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```



##		清静		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		花钱		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		越来越重		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		闪		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		单机		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		瞧		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		网游		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          不清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          低龄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          台词
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          玩自黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脑残粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快优

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      王杰
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      职称
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      货到付款
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      宁泽涛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      微博全
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      昆凌
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          极大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          软装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          一分
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十六年
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龙新
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华莎驰
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          古典
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          家饰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欧式
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          五毛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          做的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          复仇者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          出院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          协和医院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回输
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标记
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腹腔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          静脉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自爆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          裸拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裸模
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再烦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真想
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          保护法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          施暴者

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蓝莓
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      西米露
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      本来
## sms_words_train$type      No      Yes
##      0 0.9988888889 0.001428571
##      1 1.001428571 0.001428571
##
##      出国
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      委婉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      句容市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          师生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文学社
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赤山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郭庄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个装
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喜儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          婴幼儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学饮杯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总动员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸭嘴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          交易额
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无论如何
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留守
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          棒
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0000000000 0.0028571429
##
##          演
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花千骨演
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞拿图
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          商业城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瓦房店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沙坪坝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          阿玛施
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          随时随地
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          交通局
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          廖军

```

```
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          诊所
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          魔耳
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三日
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          公分
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          单人
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          双人
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
```

```
##
##          普尔
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          枕头
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          泰
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          满减
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          青睐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          快下
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早餐
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手持
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          握
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六合区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第一阶段
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平方米
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##

```

```

##          曲江
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金融中心
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          销售价格
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          妮儿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水瓶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          踢下来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气味
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```



```

##          1 1.0014285714 0.0014285714
##
##          清爽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旋转
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          子宫腔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痛经
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          威望
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影殿

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      收走
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      没打
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      鼠标
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      千草
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      无副作用
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      纯中药
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          美姿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血脂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数值
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          内置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锂电
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中山市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          吴伟钊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强制措施
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          计生办
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          镇原
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阜沙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	做人			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##	地为			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	小罗			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	小贷			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	遣责			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	阅卷			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	梦居			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          亿风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咨询会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省内外
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高招
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩转
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          童子军

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美利坚
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          享购
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          智绘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          每满
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          传染病
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          应对
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```

```

##
##          疫情
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          肠道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一味
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          估值
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常犯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碧柔
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          存下
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房租费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          文文
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          爱人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          转自
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢劫案件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          分许
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当当网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          易购
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐趣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          加纳队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护送
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          球场
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          万宁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那家
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          眼瞎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老天爷

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      经济运行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      镇江市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      威驰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      比试
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      驾会
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      写作
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          文书
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          个性化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中学英语
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          国才
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天安
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          数理化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          晚自习
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特训
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          英语翻译
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陈老师
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄冈
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          丹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伊势
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          垄断
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九洲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          佬
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有力
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          壹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从严
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深刻
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206

```

```

##          1 1.0014285714 0.0014285714
##
##          管党治行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职能作用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阐释
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人渣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          养到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文学作品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涂色

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      国内外
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      形势
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      六合彩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      六合采
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      六和彩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      合彩
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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##
##          开奖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          曾道人
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王为
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白小姐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          社群
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赛马会
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          垮
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狗眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脸全
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长得帅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不前不后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲动
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	女朋友			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	娶			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	所说			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	热恋			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	看不下去			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	郑爽			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	光谷			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

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##          1 1.0000000000 0.0028571429
##
##          星期天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          直供
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          直销价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          纽宾凯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亚伯特
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跳崖处

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      野牛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      日销
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      倍思
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有货
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      期待已久
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      臂
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          小店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有多强
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛股
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          诞生地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凸
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深处
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热带雨林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雨林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀疑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          上涨
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##

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##          去年同期
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做主
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          塑美极
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抗衰老
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          时光
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来院
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          紧肤
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          北门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          宣堡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泰兴市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邮政局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厨师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          装扮

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      优化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      致力
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      代替
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      我給
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      流淚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      無法
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
## 繼續
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 讓
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
## 逃避
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 這次
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 選擇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 開心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 电子科技
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗兰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喝酒
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          抽烟
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          熬夜
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不孝子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	孝道			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	想念			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	那架			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	好象			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	广告牌			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	云网			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	债务			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          利于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          换帅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最热
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盘点
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          财经
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重组
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          杂粮

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	粥		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	锅		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	赏析		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	都柏林		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	人财		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##	昭示		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	



```
##
##          气象
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          牧羊
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          避免
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          预警
## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          小市民
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抹黑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五厘八
## sms_words_train$type      No      Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          先息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          后本
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          打扰到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          按天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          计息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          随借
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          南充
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开发商
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          千刀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唤作
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          娘亲
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          公募
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各方
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          投研
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成千上万
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          篇文章
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          踏上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改进
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          学霸

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      测算
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      玉林
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      直言
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      绿动
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      水冷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      自制
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          刀刃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柳树
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梭子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          边缘
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          鼓
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          我爸
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          来接
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朱家尖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舟山市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发布厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一不小心
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          湿鞋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	滑落			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	史上			
##	sms_words_train\$type	No		Yes
##		0	0.9996825397	0.0006349206
##		1	1.0014285714	0.0014285714
##				
##	上加			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	金币			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	有何			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	猫腻			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	确认书			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603



```

##          1 1.0014285714 0.0014285714
##
##          贩卖毒品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阳春市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没法
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          玩儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伯克利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈佛大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          音乐学院

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		度假区	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		考评	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		串通	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		成三罪	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		全国人民代表大会	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		不逛	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          口买
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名词
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做手术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          节约用电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈医生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          录得
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          派潭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风速
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大惠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          头奖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奖池
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		携		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##		歌华		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		双融		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		基准线		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		渠道		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		配资		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		内存条		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          装个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中国儿童少年基金会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          就用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新政
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刘姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前锋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          反感

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      敏感话题
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      皇马
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      正镶白旗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      行政案件
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      入户
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      凌晨时分
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          频发
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          提当
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耶丽艾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          报错
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸽喉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸽王犬侯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彭于
## sms_words_train$type          No          Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          晏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大规模
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          显然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万代
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          下款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##

```

##		咨		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		不太靠		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		指路		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		号线联		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		航路		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		邻近		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		修理厂		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          林业局
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          至喜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          订车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          诚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          车行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          院内
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          场地

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挑战赛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上将
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云计算
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          利朋
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拉丝
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          曾庭菊
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```

##
##          砂板
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          色板
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          康师傅
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          清白
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滚出
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          详报证
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常务会议
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第十三届
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五件套
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全屋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          六千
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          原态
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好莱客
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          股票代码
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          伊斯兰教
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宗教
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          糟糕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受欢迎
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一心
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          一盒
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          便利
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          蛋白粉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿胶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          事关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重大
## sms_words_train$type          No          Yes
##          0 0.999047619 0.001269841
##          1 1.000000000 0.002857143
##
##          果实

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      节气
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      善信
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大海
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      打麻将
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赌钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      允许
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          其父
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          建委
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生前
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          责令
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凑狗
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲切
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盛行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贪腐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走向
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          博里
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		喂狗		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		争当		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		崇德		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		征文		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		标兵		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		立德		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		顺利开展		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          陆续
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          储粮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          格儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赵大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大半年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手痒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冲进

```

```

## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多岁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          救出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潘樟友
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          始发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改由
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          婚姻
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          操练
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剂量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          累积
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          实体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挥汗如雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王先森
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大唐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桥头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钟娄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          京世
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          敬上
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##		欢欢			
##	sms_words_train\$type	No		Yes	
##		0	1.0001587302	0.0001587302	
##		1	1.0000000000	0.0028571429	
##					
##		聚惠			
##	sms_words_train\$type	No		Yes	
##		0	1.0001587302	0.0001587302	
##		1	0.9985714286	0.0042857143	
##					
##		份儿			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		力气			
##	sms_words_train\$type	No		Yes	
##		0	0.9998412698	0.0004761905	
##		1	1.0014285714	0.0014285714	
##					
##		叹气			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		海龟			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		费			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          手机游戏
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          没早
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凉菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          办胖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          劲享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          北湖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          渝

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##	潮汕		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	点心		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	秘制		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	胖锅轩		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	蟹		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	锅轩		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429

```

##
##          香辣虾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          培育
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奇迹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          桎梏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          死记
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          硬
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高分
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          神奇
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          足贴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事务处
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二建
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          人力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          资源管理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

```

##          造价
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小倩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无效
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          壶
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          巴拿马
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梅桩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫砂
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          几千
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          温州
## sms_words_train$type          No          Yes
##          0 0.999365079 0.000952381
##          1 1.000000000 0.002857143
##
##          两位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百辆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          营运
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑车

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华藏宗门
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大肆
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          女弟子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奸淫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教首
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          觉皇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          骗钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不知
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          出人意料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那段
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          雪山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信贷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动听
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体恤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穿白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寻租
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权力
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          主页
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	依			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	千在			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	奥			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	拉响哪			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	极品			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	款低			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	得亮			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          母校
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          未有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          许可证
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花精
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          临床试验
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医疗器械

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      规范
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      广东省
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      偶得
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      夜游
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      混编
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小丑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          布置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          倔强
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周遭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拼上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稚嫩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无病呻吟
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华耐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          囊括
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宣化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宴会厅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小弓
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          办公厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	印发		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	情况通报		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	省政府		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	至下		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	埋怨		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	遇到困难		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	减轻		
##	sms_words_train\$type	No	Yes
##	0	0.9995238095	0.0007936508



```

##          1 1.0014285714 0.0014285714
##
##          万邦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后顾之忧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          终端
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          影会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对炭步
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建设项目

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条村
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环山
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五次
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          密
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职业规划
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建设银行
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```

##
##          肖四红
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一封
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手段
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          看似
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          道歉信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全员
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          毕业
## sms_words_train$type          No          Yes

```

```

##          0 0.999365079 0.000952381
##          1 1.001428571 0.001428571
##
##          迷路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          以里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外环
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          谱求
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          岳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	旭			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	一意孤行			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	公民			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	强抢			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	枪支			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	名办			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	肚皮舞			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          艾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          分院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护栏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第三个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脑科
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中有
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          轻松自在

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      东关
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大明寺
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      夹
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      庭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      观音山
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```

##
##          据称
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骁龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          初创
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抓马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乡政府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          治所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玛曲县
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西南
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          阿万仓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五十五
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伦敦
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          十一点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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```

##              十七八个
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              转机
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              迪拜
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0000000000 0.0028571429
##
##              訊息
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              貼
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              追蹤
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              二百
## sms_words_train$type      No      Yes
##              0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          增添
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          密约
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小聚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          皮具
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          融入
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          袋鼠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          七楼

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		中联	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		仅售	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		地产	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		小涵	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		手上	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0000000000	0.0028571429
##			
##		精装修	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143

```

##
##          隔热层
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多措
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并举
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执法局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卫星电视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电视频道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发现自己
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游戏软件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事宜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          从现在起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          养殖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          详尽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          饲料
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##                      地坪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      洪泽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      漆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      环氧
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      城市交通
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      私家车
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      夏楚桥
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          先是
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          玄武湖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          美妞哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转到
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          仅余
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洪山
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          现铺己

```



```
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          邻
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凌虐
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留学生
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          往来
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          业
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          异
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
```

```

##
##          讲解
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9971428571 0.0057142857
##
##          马瑞光
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄牛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          虹桥路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          领班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄弟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          路车
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第五部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏北
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          苏南
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          禁用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          孕妇
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##          替换
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          瑕
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          遮
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          韩妆小铺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不确定性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          担忧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          明确
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          美联储
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落实
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          感兴趣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          动图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          里存

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有轨电车
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      研性
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      欧洲式
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      鹅卵石
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      力强
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拾起
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          无暇顾及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柴油机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          船用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数十亿美元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          核
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          耗资
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好难
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          平时
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          平躺着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          趴着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          趴着睡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		卖票		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		搞定		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		主道		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		后方		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		巡警		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		急刹车		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		罗沙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          罗湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转向灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贵点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所在区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考招生

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      品牌形象
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      存所
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      彰显
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      请备
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      吞没
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      安良
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429

```

```

##
##          国际商贸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          由西向东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相城区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沿江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          带上
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拿手菜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热腾腾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唇部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫外线
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          天涯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烂
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

```

##                      溶解
## sms_words_train$type      No      Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##                      皮下脂肪
## sms_words_train$type      No      Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##                      书法
## sms_words_train$type      No      Yes
##           0 1.0001587302 0.0001587302
##           1 0.9971428571 0.0057142857
##
##                      仙
## sms_words_train$type      No      Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##                      儿童画
## sms_words_train$type      No      Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##                      卡通画
## sms_words_train$type      No      Yes
##           0 1.0001587302 0.0001587302
##           1 1.0000000000 0.0028571429
##
##                      国画
## sms_words_train$type      No      Yes
##           0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          校区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          色彩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          余起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          查破
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涉黄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          刚下

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      休假
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      专厅
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      双隆
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      喜来
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      安新
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      店员
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          淑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          聪颖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好棒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看饭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一贴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿兴
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多拉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝贝儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监管
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          管理局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一百个
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		八全包		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		六万		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		王曼		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		经视		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		美的		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		水池		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		挥挥手		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          走吧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天上飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑黑的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凉鞋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          围观
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江青
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐观

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中国银行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      南风
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      张丹
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      恒昌
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      港瑞
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      运城
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          这方面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          任然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包围
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          欺负
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          部都
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仙女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凡尘
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          堕入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七宝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宝燕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          燕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          粤菜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

```

##          谊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商业街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          填补
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胸围
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          衣长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          货号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          宽松
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蒋忠康
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          雅悦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆米花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝座

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      登上
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      上座率
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      分钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      未见
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      肋骨
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      奖赏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          脑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          拔掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强奸犯
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          两审
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          判定
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          均判
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坐地
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          败诉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受灾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          趁早
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交通厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          位列
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	公路局			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	干线			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	建设工程			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	猫猫			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	华章			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	无罪			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	曾爱云			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          杀人案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湘潭市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第四次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年满
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          昭告
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          良将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贤才

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      招聘网
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      晋升
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      汇成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      职
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      可后
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      拷
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          新年快樂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          結
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          請
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          資料
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          領取
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          題
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          噓头
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宿州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砀山县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大火
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          华人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          截获
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毕加索
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	海关			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	画作			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	科西嘉岛			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	黄烦			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	大屏幕			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	巨无霸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	了够			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          媽日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          現在
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          舉報
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          协信永辉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欲购从速
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          泗阳县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万左右

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      发展商
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      大驻
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      慧聪
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      涪
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      中涪点
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      像是
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          单曲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心酸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无法自拔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沧桑
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          莫名
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一碗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拉面
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗澡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蛋
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          辛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上海交通大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈尔滨工业大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	西安交通大学		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	器质性		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	排除		
## sms_words_train\$type	No	Yes	
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##	月经不调		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	病变		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0000000000	0.0028571429
##			
##	服务区		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	缺少		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          卡萨利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          卷帘门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          君发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多玛
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          感应门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          松下
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自动门

```



```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      我于
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      点过
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一号线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      摸准
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最少
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      想法
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```

##
##          打算
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          瞎掰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兵来将挡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水来土掩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创新型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          目的地
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇椅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          反弹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          收罗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有色金属
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          触底
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超跌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		抓 贼			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		报 复 性			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		拼 死			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		延 安			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		起 义			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		飞 抵			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	
##		1	1.0014285714	0.0014285714	
##					
##		这 年 头			
##	sms_words_train\$type	No		Yes	
##		0	1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          古装
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          城上城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          引荐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          温厚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          禹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          当真

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```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          赤裸裸
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          剔透
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沐浴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          澄净
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          般
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          大脑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          立方厘米
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出资
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          味千
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潜藏着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮肤癌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兰坪县
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偏浓稠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍打
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          质地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          魔白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先进集体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          检察机关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



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##          江西省
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表彰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吃喝
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          搞机
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          零距离
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          养老金
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大笔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          宅女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看遍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并不等于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普惠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首枚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伤着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          防卫过当

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      屠场
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      相聚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      安溪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      官桥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      有戏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      管理层
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          地區
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小時
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          於
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暴風半徑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          當
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          颱風
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          幕后
## sms_words_train$type          No          Yes
```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          震
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黑手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呼喊
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          活在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不用说
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人应
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		物种		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		竞争		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		繁衍		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		进化		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		丝		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		客富		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		庆典活动		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          星期日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          你吧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          常务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微软公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国企
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          外逃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          共性

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          救心丸
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连忙
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          速效
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买下
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网络管理
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通信
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          医药
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          包罗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厚度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鞋底
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凯瑞
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恭候光临
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          淑女
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          这条
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          下回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抄袭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		彩绘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		手机套		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		麦芒		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		找代驾		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		便民		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		粤		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		惠顾		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 0.9985714286 0.0042857143
##
##          欣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          财聚德
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          资质
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          金玉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          铁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          慢慢来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          来不及

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      萌萌
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      中国籍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      乌龟
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      多只
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      津巴布韦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      逮捕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          凝固
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闪闪发光
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唯独
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          接不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          茬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暂时
## sms_words_train$type          No          Yes

```

```

##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          用用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德拉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过渡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          乳状
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敏感
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脆弱
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一百
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          想不到
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没用过
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表态
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```



```

##          1 1.0014285714 0.0014285714
##
##          车神
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杨贵妃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          版得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王朝
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          相约
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          碧水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舍命

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝海
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医科大学
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教育厅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更名
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泸州
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          阿丽亚娜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          军部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副官处长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时任
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          争风吃醋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑粉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          原定
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日即
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杭州市政府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          横渡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钱塘江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人员名单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日照市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		管委		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		说了算		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		好听		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		轻易		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		过于		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		上身		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		印花		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

```

##          1 1.0000000000 0.0028571429
##
##          土耳其
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          浓浓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风情
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          低迷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金融股

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      大批
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      湖边
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蜂拥而至
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      造地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冰袖
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      降温
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          不花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          曾派
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高层
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小分队
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          热身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相连
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          竹枝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南海
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          梁飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲授
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          书单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		交出去		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		凑齐		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		本书		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		购物车		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		举动		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		大忙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		渗透		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          轻轻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开封
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          慰问
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌舞剧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          演艺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          集团军

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合伙人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浦发
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          张碧晨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱豆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巧克力
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          熔岩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          列
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          珠海
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          调试
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          清楚
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          保理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通俗易懂
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          准备就绪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多座
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放下
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          后腿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北辰区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消防支队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          必将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞向外
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一切顺利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          业务人员
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          喜气洋洋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          招收
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          停留时间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          凉粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胃肠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万起售
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天年化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          帮您
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          民生银行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          远超

```



```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      字条
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      清官
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      空手而归
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      加重
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      湿度
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      闷热
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          商贸城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          管理方面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心猿意马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年初
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汽油价格
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招商银行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年迈
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打爷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挂满
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          控诉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          税务局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          虹口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产品质量
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          冷冻
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          区政
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          千余种
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          干品
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拱墅区
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          服务水平
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          金华
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 0.9985714286 0.0042857143
##
##          鲜活
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          卸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楚宏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          楚宏带
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          腾飞
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          袁洪星

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      量身
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      体表
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      叶绿素
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      喝起
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      排排
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      毒素
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          清如泉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          颜如玉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墙面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医药工业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          集中度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北京城
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          跑遍
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          命中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眉头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          解不开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          变形金刚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          票房
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          超越
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抗议
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数百
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李登辉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          返台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先走
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          着急
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脱机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一言不发
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小唐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          求职者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          简历
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          递给

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小雨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      建湖县
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      倒霉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      商超要
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      运营
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      重推天
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          首 站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          口 角
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烦 死
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          骚扰电话
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农 办
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双 模
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四 核
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油炸
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          烹饪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可恶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          说害
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耍
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		婴儿		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		大行星		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		欺负人		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		行星		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		单身公寓		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		电热水器		
## sms_words_train\$type	No	Yes		
##	0	1.0000000000	0.0003174603	
##	1	1.0014285714	0.0014285714	
##				
##		亮白		
## sms_words_train\$type	No	Yes		
##	0	0.9998412698	0.0004761905	

```

##          1 1.0014285714 0.0014285714
##
##          微店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          祛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          占领
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哥特
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          地向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寺

```

```

## sms_words_train$type      No      Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          情真
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摩尔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          无声
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科尔多瓦
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穆斯林
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          述说
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```



```

##
##          风雨飘摇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          某逃
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纽持
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务厅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特殊人群
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红领
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          药店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汉江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          丹徒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双向
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          枢纽
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		汉		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		润扬		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		漂		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		尽心竭力		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		明儿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		常住人口		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		特大型		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          省级重点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超自
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          足球场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必然结果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          犯罪率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盘盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贱射者

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      高是
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一段段
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      叠起
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      宋石明
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      岁月
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      清瓦垒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
## 砖
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0000000000 0.0028571429
##
## 逝去
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 波一波
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 总会
## sms_words_train$type      No      Yes
## 0 0.999365079 0.000952381
## 1 1.001428571 0.001428571
##
## 老年性
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 黄斑
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 封印
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炎水玉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          翻一番
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农村公路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          泰州市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      人到
## sms_words_train$type          No          Yes
##                      0 0.9998412698 0.0004761905
##                      1 1.0014285714 0.0014285714
##
##                      党委书记
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      刘兵
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      巡视员
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      重要讲话
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      总说
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      扫墓
## sms_words_train$type          No          Yes
##                      0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          放上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纸飞机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老头子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长不大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸡毛掸子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五块
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉来

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      鞋子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      巨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      第三名
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      表皮
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      堪称
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      预测者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          极富
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          闻名于世
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这辈子
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          别拦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王娱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万对
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          申请量
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          傅军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鼓励
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血液
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          辟谣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三层
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          依曼丽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          只此
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          名汇
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          姿情
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          收拢
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          紧致
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          见长
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          展开
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          并购
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特效药
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          派对
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          观影
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流失
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胶原蛋白

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      衰老
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不大
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      大阳线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      三合
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      下凡
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      六肖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          唐僧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四字
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天条
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          欲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          烧狗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          猜无找
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          猴
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          真经
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贬
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          转海回天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          崔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年息
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          泰宏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		玉妍		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		连锁店		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		立马		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		解决方案		
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##		北师大		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		偏低		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		恒指		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          牙齿
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第一颗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          公安干警
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干部群众
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解放军
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          交互技术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人机

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      控制技术
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      即享
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      即赠
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      满任
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      二桥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      路桥
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```
##
##          多住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内分泌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失调
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          臃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          协商
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          签订协议
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油溪
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监察部门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监督
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          年底
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          放缓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大咧咧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回顾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##

```

```

##          输液
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三送一
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          亨
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          合生元
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          氏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          礼品券
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          纸尿裤
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          冰雹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          趴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顶档
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          便携
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电动牙刷

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      很蠢
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      逃不过
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      绵阳
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中粮
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      死角
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      特质
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          街巷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          友谊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          孔雀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          打个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          接待
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          潮白河
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蓝湾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          韦志恒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          超盈
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中风
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实境
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瘫痪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          远距离
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上司
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无言
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入侵
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          角落
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再刷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要素
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          出去玩
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          玩好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啫喱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好孩子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝丽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          护

```

```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          架子鼓
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          润肤霜
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爽身粉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霹雳
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党史
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跟党走
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          颂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实拍图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拨开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实时
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          空气质量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          门锁
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滑稽剧团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基辅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          折叠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事弱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞧瞧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劳动者
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```



```

##          常有
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无良
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权益
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条款
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试用期
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          降低
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          大自然
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          面纱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          观光业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          靠拢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无情
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          奥体中心

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      开开心心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      羽毛球
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      古炼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      对炼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      屯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      沙村
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          交管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交警队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          综治办
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          送券
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          七品
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          封号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情怀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可言
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毫无
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风雅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		市花		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		梅花		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		省花		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		上海石化		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		华电		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		国投		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		屯河		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          新集
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          油服
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能源
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          龙头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子游戏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          穿戴

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      先进
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      副总经理
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      技术支持
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      谢平
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      云中
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      名胜区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```
##
##          景宁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          残酷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          知晓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喷
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脑残
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          嵌入
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监督管理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不曾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          压住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弋江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	征求意见		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	全停		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	恶劣影响		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	极		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	腐败分子		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	国际展览中心		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	新庄		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          新视野
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行刑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同步
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          评选
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          午
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小双底

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      浪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      着重于
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      起板位
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      奇特
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      座椅
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      中国农业银行
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          王浩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          用户名
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          地表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          煎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸡蛋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夫人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好卡
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叶生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天虹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          配店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          底下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          横躺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      老太太
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      托运人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      承担
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##                      收货人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      渣
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      天通苑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      平静
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          惨叫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坠毁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          完整版
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          麦迪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增持
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          获西飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华庭兰蔻

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		店特	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		明品	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		桃花	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		梨	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		猷	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		红颜	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          送兰蔻
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          实业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百裕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          处死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱春
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改了
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          便利店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          味全
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德克士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          包吃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          包工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          急招
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```
##          沙发厂
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          口腔
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并发症
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          损伤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          插管
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气管
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          容
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
```

```

##          1 1.0000000000 0.0028571429
##
##          春天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          欧珀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          莱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9985714286 0.0042857143
##
##          鸣笛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          准确
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并不一定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伤忙

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      军民
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      元等整
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      避开
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      寄存
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      岳母
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      证信函
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          三房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          五万
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          抢住
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日进
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          正央
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          正荣润城
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          认筹中
## sms_words_train$type      No      Yes
```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          度娘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有益
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          的钙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心理专家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车间
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          统一行动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          乐器
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          属下
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标准化
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河源
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          测量
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          管理体系
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红棉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          盈利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这艘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驶向
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          完胜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一层层

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      万色
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      地涂
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不高
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      办事
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      万打
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      好礼开
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

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##
##          工程款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年钜献
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          竞价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          车费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          缔造
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无悔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          点点滴滴
## sms_words_train$type          No          Yes

```

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##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          劳务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          派遣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          技术创新
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子产品
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          簇搜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金奖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		勤奋		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		养分		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		室内		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		摆脱		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		无处不在		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		时时刻刻		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		躲		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	

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##          1 1.0014285714 0.0014285714
##
##          欣奕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          除疤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          战斗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经验值
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          道具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          运程

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      客源
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      带客
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      提成
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      阿海
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      中锋
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      挑釁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          湖人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          簽約
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恶补
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          药理学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广元
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试验区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陕甘
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          型基金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大限
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          捉妖
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          记上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          废纸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老同志
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	愉			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	油漆			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	胡贝丽			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	缺			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	公司地址			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	技校			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	施雪梅			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          皇巢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老煤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          麒麟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          训练
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          选秀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公信力

```

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          司法权
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体育馆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华原
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡回赛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文化产业
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欧非
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```

##
##          可开
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王军
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          器中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          操控
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          无人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          景象
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百米
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高空
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          试飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丈夫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买卖合同
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          侯某
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在外
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##	商诚菲			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	诗小铺			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	手提包			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	秀丽			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	改用			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	定理			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	已成			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          必火
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龚叶轩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老半天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一下子
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          休
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          期一
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特号

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	蛇		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	这六肖		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	悬挂		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	瓦乔		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	维亚		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	晕		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          鸟样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小区业主
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四千块
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打不出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强壮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抵抗力
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白皙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          归程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贪吃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万株
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精心制作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广益
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          建言献策
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          警民
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          艺术院
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风行
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          元高
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          梦露
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          缘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          翼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老婆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          开着
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          冷嘲热讽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          九鼎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市值

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      下心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      忍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      定义
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      经费
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      干的事
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      台州市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          爱好者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          降为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中读
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呋喃西林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多宝鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微信圈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超标
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黑心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          既有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风韵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美轮美奂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龙门架
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          商超
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八节
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          洪楼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          舞
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          每部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0000000000 0.0028571429
##
##          西门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          觅食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          路边摊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上浮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大堂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          存款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          张聪

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      时说
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      潍坊
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      银行存款
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      新闻广播
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      几班
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      始于
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          朱泥
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盛于明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫砂壶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          金魄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二話不說
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          封鎖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市區
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打了個
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整個
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          給
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          划作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土地利用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          邻里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	专做			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	元宵夜			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	可订			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	吊			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	套装门			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	扣棚			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##	改水			
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302



```

##          1 1.0000000000 0.0028571429
##
##          改电
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          望朋
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          棚及
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          袁德刚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          纯棉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交口
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          套金

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      成本价
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      景园
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      槐
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      水岸
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      金钻
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      队伍
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          青园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工业园区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工资总额
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生育
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用人单位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职工
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高尔夫球场
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          莲花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十余所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疑惑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          决不允许
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```
##          泛滥
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腐败现象
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花瓶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乙肝疫苗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个萝莉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          察觉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          情绪
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一封信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心里话
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          恶人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没说的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身体状况

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	主导		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	逃离		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	纠结		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	坏了		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	剑桥		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	卡迪夫		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          会友
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兼用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          止汗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消臭石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整形手术
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高超
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睡前
## sms_words_train$type          No          Yes

```



```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刷票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          受拒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两倍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保险行业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增幅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

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##          吱吱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狗东西
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          的说
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六大
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最难
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模块
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          殷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          回放
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          录像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爵士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二批
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          揭晓
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          文科
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          严峻性

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      复杂性
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      尖锐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      斗争
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      特殊性
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      而成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      好心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          该剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手至
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          围绕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安倍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大红
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大过年
## sms_words_train$type          No          Yes

```

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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          您啦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          派送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          移
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          艺软
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          装馆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          预付
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	黑幕			
##	sms_words_train\$type	No	Yes	
##		0 0.9996825397	0.0006349206	
##		1 1.0014285714	0.0014285714	
##				
##	中国国际旅行社			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	仙侠			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	同是			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	梁君诺			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	分化			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	增殖			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          自由基
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          千万别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          政府部门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必做
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明孝陵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清幽

```



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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          快点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          习惯
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一刻
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐视
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          全金属
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          配置
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714

```

```
##
##          人权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刑事犯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劳工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          徒刑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地锁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军翔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          品牌女装
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          就好
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          尽请
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          慕拉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          毛呢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大吃大喝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          现代人
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##

```

##		明日		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		杀跌		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		可视化		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		数据共享		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		机器		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		汇聚		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		人手不足		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          窘境
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卸载
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水洗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二是
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          准生证

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		展望	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		景色	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		环绕	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		福冈	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		人寿保险	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		军事基地	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```

##
##          叙利亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          政府军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兔子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十个月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喂食
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女婴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          补发
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雨花台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主卧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          优惠价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          厨卫
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          发自
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          易信
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##	刘冬			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	早点			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	购物券			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	资生堂			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	守信			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	屁蓬蓬			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	溜达			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          最牛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意向
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          李建平
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一家老小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中华文化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唱腔

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      多转
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      没转
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      追求
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      航行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亚哥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亿王
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          大丰
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          纸业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          达伯埃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          停车场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          芝罘区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          庐阳区
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          源
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 0.9971428571 0.0057142857
##
##          首府
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          幸亏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          受访
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七八年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          头像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更换
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          春季班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          材料费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          每周日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          活动中心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          范
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0000000000 0.0028571429
##
##          亮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞎了眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长草
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安卓版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笔记
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          京昆

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      鲁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      之线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      而来
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      农
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      商行
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      按日
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          个人感觉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          办不到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          带到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灰姑娘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紧急
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          金融服务
## sms_words_train$type          No          Yes

```

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##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再加
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盈亏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          返到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白痴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		移开		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		克利夫兰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		再也不会		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		骑士队		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		抢枪		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		泉工		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		再成		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          常会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热词
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招让
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          永保如
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          编教
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紧急警报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          督促

```

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## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      之力
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      以一己
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      你球
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拖垮
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      ——
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      消化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          临近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          推车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文卫路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来抢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          舒雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          解放路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          通许
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          领秀梦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          公克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纪念馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本楼栋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人贩子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	依法严惩			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	党员干部			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	知情不报			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	又播			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	愛情			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	發現			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	衛視			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          碰瓷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          记录仪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前卫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咖啡厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下旬

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      月底
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      中年男人
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      盯上
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      必能
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      精心设计
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      少女时代
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          上方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漂浮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古楼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小陆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          庙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抵
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9942857143 0.0085714286
##
##          鹅岭
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好爽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          催
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我局
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          政工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          上过
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前男友
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          她家
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改签
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机票
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          看林丹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双鞋
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          体育中心
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          体育场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宏运
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海滩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          盘锦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辽宁
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          锦绣

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      淘宝网
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      卢庄村
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      搬
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      看吧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      经镇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      推迟
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          网易
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重扫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军营
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好歌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          筹办
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招投标
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服务质量
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宣讲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡讲
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          永定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湖塘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科普知识
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环境监测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		戴绿帽		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		某市		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		评级		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		降幅		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		会计证		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		建路		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		张老师		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          恒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          报班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          闵行校
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龙之梦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          平民化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          款式
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          美腻

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      要入
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      热闹
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      对得起
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拍拍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      胸膛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      问问
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
## 防守型
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 司法局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 肇事者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 官
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 贪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 下级
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 好多年
## sms_words_train$type      No      Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李博说
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多举
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肌肉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          争取
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挪用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		肖像		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		天梯		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		下龙湾		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		娱乐城		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		电投		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		登录名		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		时尚界		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          美妍荟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奖励
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          千秋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          物语
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真木
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          织品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝华

```



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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      深圳华强
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      圪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      崂村
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抽签
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      黄家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一面
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          喜怒哀乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          突如其来
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          台灣版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          攜帶方便
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          開箱
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小匡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刷新
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高邮市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          互相推诿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市政
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##                玉器
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                多元
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                粮食
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                张静
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302
##                1 1.0000000000 0.0028571429
##
##                维仕
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302
##                1 1.0000000000 0.0028571429
##
##                退款
## sms_words_train$type      No      Yes
##                0 0.9998412698 0.0004761905
##                1 1.0014285714 0.0014285714
##
##                会心
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          塞
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          好胜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无力
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          较真
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专治
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唐嫣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唐家脑

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      残狗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      黑子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抚养费
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      案巧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      案结事
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      谢谢你们
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          三分钟
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          世外桃源
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          彩金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          提款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          各界人士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喝点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小盘
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          次新股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生物医药
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砚山县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          并入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事實
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          這個
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		鄧紫棋		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		消防器材		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		错案		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		杨昔有		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		奎屯市		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		王永珀		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		边后卫		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          出膛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千钧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怒吼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          战神
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          斩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炮弹
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          直击

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      上位
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      假币
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      案子
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      蒸熟
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      奥运会
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      申办
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          内购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          奢宠
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          悉心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          犒劳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          需于
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百度搜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一脸
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刚换
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条形码
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绊倒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扭曲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看哈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          过分
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          撤店
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          津乐汇
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          假画
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疑云
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          节食
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          病患
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          中段
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          文星
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          热线电话
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蒙娜丽莎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          邛崃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          体细胞
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          对人

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微波
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          周浦
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浦东新区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金沁苑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在划
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          在徽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          抬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一波
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暴跌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清零
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手酸得
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿起
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          水杯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合并
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地球物理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          归属
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工程量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总算
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          正负
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          零零
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一针一线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          埋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浑身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酸疼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          伦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原标
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喷泡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兰博基尼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          禾丰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          降临
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          懒癌

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      老窝
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      从轻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      余万
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      受审
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      涉贿
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      老老实实
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          认罪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郭永祥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金融类
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北大清华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一夜之间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上访者
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德峰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淡斑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄盈润
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大众
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          光臨
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          具 优
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          坪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          場
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          居
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          帝豪家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王府
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          蔺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          誠信
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          誠邀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          数码
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          瑞纹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          填平
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          建筑用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百年一遇

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金融危机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小绿瓶
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      开瓶
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      仙境
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      偿还
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      对错
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          尺
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          界线
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          示弱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中管
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胡杨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          到时候
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          赔礼道歉
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          就行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柴崎蝶野
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一对二
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          夕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          查漏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          正对面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          补缺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          谭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          预习
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          唤醒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大嘴巴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试图
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          一本
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          博拉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          埃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          双刀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          持
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0000000000 0.0028571429
##
##          放屁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          派出所长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砍掉

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耳朵
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          袭警案
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红树林
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          呼叫声
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          也说
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年纪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          甲 鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老 奶 奶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          现 身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          表 情 丰 富
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逼 真
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吉 林 省
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          基 层 单 位
## sms_words_train$type          No          Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奖
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          宋冬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          野马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          頓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挂链
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	新 进		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	刀 疤		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	优 等 生		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	市 场 份 额		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	本 季 度		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	组 建		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	警 务		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          爱国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法警队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          铁锁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          队长
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          静海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人因
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          木材

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走私
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家门口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          混
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          穿着
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花生酱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西餐厅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          面馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          馄饨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大枣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山楂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有秋梨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          极好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炖梨水
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          秋后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          立
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银耳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食材
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审判庭
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          平利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          平利县
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梁祖明
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盗窃罪
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          二台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          断
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车养
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          近十年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          师门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心扉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          痛彻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逐出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保暖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          六楼

```



##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		即将来临	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		奇丽	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		尔全	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		底裤	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9985714286	0.0042857143
##			
##		柏联	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		百盛	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 0.9957142857	0.0071428571

```

##
##          衣打
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公共课
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腰折
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          非农
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一个家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万低
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          加推
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          嘉苑
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          看得见
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赚到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万字
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

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##          别克
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可乘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          嘉益
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小张
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          市内
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          沾益
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龙华
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          拉过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          救生衣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          须知
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          暂扣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彼岸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          提分

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      公共服务
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      良机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      咬醒
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      映入眼帘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      梳
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      杨家坪
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          捐卵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          繁殖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          光滑
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          常亮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全手工
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原矿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          茶具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          茶壶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          西施
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##                      发射器
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      射线
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      抓捕归案
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      满某
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      她说
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      如婚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##                      年久
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          坐过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正坐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长椅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没意思
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通货膨胀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          持枪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公诉

```

```

## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      合肥市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      检察长
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      薄谷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      廉政
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      顺走
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      养护
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429

```

```

##
##          内衣店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          特卖会
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          起售
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          回去
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          不换
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赞吖
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嗨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          中欧
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          备战
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          对抗赛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          将要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          层面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          奇怪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          海里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名媛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          头球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拼抢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新援本
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比勒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          着地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          背部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          费尔德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿马尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上外
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          口译
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          子昂

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		开班	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		特色学校	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		通过率	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		倍增	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		合情合理	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		市场推广	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714



```

##
##          返利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大戏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宫廷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硬撑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          议论
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广播电台
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成杰思
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          聚餐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          至关重要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新的
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          门前三包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不顺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	原地			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	大使馆			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	拒签			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	绝不			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	认输			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	一居			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	天起			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          工体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          短租
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          探测器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机遇
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          火星
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          会过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          至少

```

```

## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          祛疤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          膏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          药膏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个位
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          幂姐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          念叨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          瑞都
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王康
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          两级
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          执行程序
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          使用权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不要命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科锐
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粗
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          银丝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好帮手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胎压
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一倍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		多至		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		拟议		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		翻		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		投资银行		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		高盛		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		对许		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		经审查		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          偏西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          向北
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睁开眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喊出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大热天

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      华夏银行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      开进
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      打通
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      无底洞
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      花费
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      男票
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          母亲河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          醉酒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          答
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          中外合作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不适
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          嗓子
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          过多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          目测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		近 视		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		应 急 灯		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		三 期		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9971428571	0.0057142857	
##				
##		台 地		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		绿 洲		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		垃 圾 袋		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		日 历		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          关着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花钱买
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南庄
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          对广汽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工业园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          樵乐路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿丰

```

```
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          免底
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          哩货
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          早起
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          有保
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          有虫吃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
```

```

##
##          煊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          第五天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          銀行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鸟儿
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凡经
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乳汁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          排空
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胃
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          充溢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整整
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精灵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          翩翩起舞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花仙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	课室			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	迷人			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	交管局			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	省公安厅			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	购房款			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	公干			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	细菌性			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          日据
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猎人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高山族
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彩超
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐安县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          占道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          及时处理

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      姐会用
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      杰哥娜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      法律制裁
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      三款
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蔡司
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      涵盖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          大病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一建
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          主营业务
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          考前
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          造价师
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          非常高兴
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          商丘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商丘市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          展销会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淮海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放炮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		砖家		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		罪魁祸首		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		足癣		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		代代相传		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		程序调试		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		位数		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		联通新		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          信条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          参建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开幕
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          机床
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钢构
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          理科
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          敷

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		留人	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		游山玩水	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		金正祝	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		传单	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		发了	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		暖心	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0000000000 0.0028571429	

```

##
##          长字
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仙逝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成老
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天津泰达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权健
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梅西孙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          足球
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身旁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          急救包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三月份
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          亚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          充卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		护理		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		新老朋友		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		知		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		精力旺盛		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		幼教		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		浮桥		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		点菜		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          第二次
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          从容
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内存容量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高性能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不烧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          期望

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      双月湾
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      港口
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714
##
##      获名
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      国语
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      屌丝
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大大的
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          拐点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细致
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上瘾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成年人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怕黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酸枣
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          团报
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学期
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          领头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法治
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小蜜蜂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



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##          活肤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陷阱
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          复查
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          申诉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南北
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通透
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          龙江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暂别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼药水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自律
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舒筋活络
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收支
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          账户

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      南湖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      四期
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      伴随
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      哼唱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      翱翔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      改行
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```

##
##          季太
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晚点
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          凭本
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          雷克萨斯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          坑民为国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天理难容
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谋私利
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火焰刀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冒出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          声
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时不时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电钻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          查孕查
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环去
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迫于
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三角洲
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特种部队
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          色斑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腺肌症
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          周智东
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          年仅
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          惠东县
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黄埠
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          具体情况
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          个杯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          再祝

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		十桶	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		合家欢乐	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		每吨	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		现款	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		低位	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		极点	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714



```

##
##          分析师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庄股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超跌股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          配债
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          落日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重叠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          無倦
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          詩書
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          韓启東
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          错站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东二环
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          珀莱雅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	礼盒			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9957142857	0.0071428571	
##				
##	充足			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##	可速联			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	店年			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	景逸现			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	菱智			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	逸仙路			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          尚未
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裂伤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骨折
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          全区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          冲洗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手腕

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      李小姐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      沈先生
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      超酷
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      阅苏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      元排
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      发来
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          澎湃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刮痧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          引邪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笔记本电脑
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粗心大意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          董宝生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不及格
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          现年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电子书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          价化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          余方
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          具性
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宽景
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          度边
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          泳池
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          直面
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          紫桂
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          绿城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          毫米
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          降雨量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保险箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别科
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自动化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          技侦

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      该死
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      关联
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      南坪
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      可家纺
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      罗莱尚玛
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      重百
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
## 附
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 好不容易
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 洗完
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 澡
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 开拓
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 身影
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 隐藏
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          掉牙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          待用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          洗净
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砂锅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红枣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##                中心区
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                副级
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                重仓
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                一动不动
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                会爱
## sms_words_train$type      No      Yes
##                0 1.0000000000 0.0003174603
##                1 1.0014285714 0.0014285714
##
##                三万元
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302
##                1 1.0000000000 0.0028571429
##
##                小汤
## sms_words_train$type      No      Yes
##                0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          棕榈园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          幻时
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          幻时佳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          差别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爪机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          播放器

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      女友
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      早到
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      送礼
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      园长
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      精神损失
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      事儿
## sms_words_train$type      No      Yes
##      0 0.9996825397 0.0006349206
##      1 1.0014285714 0.0014285714

```

```

##
##          前置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五日游
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          几分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熟好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          返程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兑到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇晃
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欢快
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          脚尖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帽姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          征稿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纽约林肯中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		只好		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		医护人员		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		抗击		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		救援队		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		代理商		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		产能		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		步履维艰		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          海研
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炫酷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          镭战
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主流
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          余款
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          汇集

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      新居
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      星
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      盛情
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      答谢会
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      陈松
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      黄石
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          光圈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          圆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喀腊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          塑克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          另一家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挡住
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不知不觉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          低头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宣传单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标杆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酒店业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      收看
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      娇韵诗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      加仑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      离不开
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##                      李维斯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      牛仔裤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      洗后
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          着色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紧绷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挂钩
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          隐身
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大致
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          懂得

```



##	sms_words_train\$type	No	Yes
##		0 0.999365079 0.000952381	
##		1 1.001428571 0.001428571	
##			
##		清创	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		宗教界	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		耳石	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		源源	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		小帅哥	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	
##			
##		哔	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000 0.0003174603	
##		1 1.0014285714 0.0014285714	

```
##
##          喵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          字母
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提亮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          莲娜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裸妆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霜美白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大旗
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美国政府
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高举
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高低
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          信托公司
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阜宁县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亿美金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          埃隆
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马斯克
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下辈子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花千骨用
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高港区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          至上
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          让路
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          连至
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          够买
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宋园园
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          振华
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          整单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          梦妆

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		面贴	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		负过	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		显瘦显	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		腰间	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		菱形	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		仪征	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714

```

##
##          公之于世
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘氏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家族
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          珍稀
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          私藏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中上层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金字塔
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          古典风格
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坚定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意欲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抛进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          河中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		溺死		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		狠心		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		奥体		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		临泉		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		及小安素		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		导购		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		福雅培		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          雅培金装
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八十五
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          切片
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          提领
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          整模
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          丽日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          柏琪

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      江北
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      双重
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      时下
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      梦幻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      洁面
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      到啦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          新鲜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          空军基地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          空域
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风雨
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          饱经
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昭平县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          累死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          典
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          喜来登
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大红包
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##

```

##	易经			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	硕			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	风水			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	红树湾			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	分摊			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	后经			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	支教			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          检察
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲师团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动画版
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情报局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          队徽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          来来回回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比人

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      汽车站
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      要钱
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      两件
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      夏装
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      普洱
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      纳纹
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```
##
##          节日期间
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          东坡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腊像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谷林堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          归结
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          少玩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清丰县
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中医中药
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减肥茶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大愉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二十七
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早饭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          区前
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	看台		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	闲事		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	事时		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	准确率		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	三成		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	半数		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	黑胡椒		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          妹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尽力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超高
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通行

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      义乌市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      供销
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      分所
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      四家
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      核定
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      税务师
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
##          至诚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面授
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保护环境
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交通事故
## sms_words_train$type          No          Yes
##          0 0.9995238095 0.0007936508
##          1 1.0014285714 0.0014285714
##
##          通江
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          前为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宗祠
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          富甲一方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毛氏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中港台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅遊網
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          評比
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		馆  夺		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		创  卫		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		办  事  处		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		表  彰  大  会		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		铜  山		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		探  路  者		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		书  上		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          在田
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          田正国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安盛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          新风
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          智能家居

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      楼宇
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      永乐
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      质保
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      采暖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      南美
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      头号
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          首度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五岁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          女护士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勇敢
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          第一局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绝对优势
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          席上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忘不掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好骑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          折叠车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多交
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          每人每年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盗号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          征求
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普通高校
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二批
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          低俗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          移除
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凤台县
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          分在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安徽省
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          顾桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瓜林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阵营

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      齐声
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      全力以赴
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      马不停蹄
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      为市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      伤病
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      定点医院
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          总队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武警
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          值机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大发雷霆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          柜台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赶不上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感人
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每一款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钢坯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面值
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熟记
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夏目漱石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##                      根本原因
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      精神疾病
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      罹患
## sms_words_train$type      No      Yes
##                      0 1.0000000000 0.0003174603
##                      1 1.0014285714 0.0014285714
##
##                      卡里
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      回个
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 0.9985714286 0.0042857143
##
##                      孝昌
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302
##                      1 1.0000000000 0.0028571429
##
##                      张志臣
## sms_words_train$type      No      Yes
##                      0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          户名
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          多台
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大厅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王泽阳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          营业
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          贴心
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          侵袭

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      哈欠
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      支撑不了
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      细纹
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      北欧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      半岛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      斯堪迪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          纳维亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诸国
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出新规
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双十
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          有点像
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛肉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉店
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          变革
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          焦点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最先
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去除
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红细胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粒细胞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	中层			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	玉州区			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	玉林市			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	述职			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	人站			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	嘻嘻哈哈			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	散			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          卡钳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尾翼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桂花香
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灵谷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闻闻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          来源于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          构思

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      首字母
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      尾
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      游进
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金鱼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      李秉宪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      液态
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          饰演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叮时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大肚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀着
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          园林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          岭南
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整条
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脑中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上妆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修饰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          服帖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉易
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          些许
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多愁善感
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得病
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抹
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          放化疗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泣不成声
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真好
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          眼角
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          步行街
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          港式
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甜品店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皇亭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国企改革
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国资委

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      证监局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      副本
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      复
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      复印件
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      营业执照
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      几届
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          德州市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去测
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过敏原
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赶脚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同龄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相同
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          按规定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          检验
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蒋逸涛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关停
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建成区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燃煤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          锅炉
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          次列车
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          途经
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          死战
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所有人
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          空降兵
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          果园
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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```

##          1 1.0014285714 0.0014285714
##
##          使用寿命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减半
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          漏电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电瓶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          你那
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可耐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          样儿

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      胖胖的
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      仓
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      把持
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不招
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      待见
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      改动
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          歌王
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          由灿星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赛制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这档
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          职责
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          须
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          只留
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杰利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          别样
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刀
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	烟 头			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	邻 桌			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	麟 游			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	重 要 途 径			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	以 保			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	借 记 卡			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	盾			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          繁琐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          验证码
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          电网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网供
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          负荷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直奔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          达麦

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      砖头
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      西夏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      复制到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      区启涨
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      城投
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      波段
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```



```

##
##          盘前
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鉴股
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文档
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一个个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          何业
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          今日热点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          现法
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留尼汪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          健身房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好啦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散尽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          威胁
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          构成
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	禽流感			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	向上			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	自驾游			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	铸建			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	发明家			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	名人堂			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	不鸟			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          打表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丑陋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张信哲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          思埠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高质量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金融网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘲笑

```

```

## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抑郁症
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          官方网站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍戏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晏到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条条大路通罗马
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          月初
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陌生人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七七事变
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          立场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丢掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冠冕堂皇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘖
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坚信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弥补
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早该
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烟消云散
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          解决问题
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宣告
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		自 诉		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		七 里		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		俗 语 说		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		山 塘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		虎 丘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		毫 无 意 义		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		空 转		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          运转
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          借来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          噩梦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          聪明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新房
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 0.9985714286 0.0042857143
##
##          带病毒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所致

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		维保	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		完赛	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		分赃	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		实实在在	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		国米	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		来个	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          远征
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不得了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          战车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碱性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          俗
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公序良
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原则
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          多时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早已
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          胜诉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          位置服务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##		追踪		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		询盘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		疸		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		用钱		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		酵素		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		之大		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		危害		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          广播
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谈及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          订单号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          枪法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          男儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          貌美如花
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高手

```

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## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          高智商
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          宜宾
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宜宾市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          应邀参加
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摩托
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灵猴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          红牛杯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联合会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赛车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大餐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毛钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疫苗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减得
## sms_words_train$type          No          Yes
```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          妮丝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          糖坊
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莱特
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          络号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          削断
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	公益事业		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	污水处理		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	区共		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	江都		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	天价		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	敲诈勒索		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	索赔		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          伏贴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敷贴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环卫工
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屁啊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          司法解释
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不齐

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      兰
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      季末
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      尺码
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      思
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      来吧
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      柏
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          竹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          年幼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          穿行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网传
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车流
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          楼上住户
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云要
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胡晓明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电脑桌面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下水管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	市政当局		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	水道		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	趙		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	还分		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	号店		
## sms_words_train\$type	No	Yes	
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##	完毕		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	反现		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          太阳城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          港彩
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          申博
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百家乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          菲律宾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          轮盘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          书房

```



##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		别装	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		买菜	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		国考	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		省份	
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##		三色	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		卡组	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          买套
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奥尔森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          梅奥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游玩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粤西
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顶尖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六百
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四百
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          墨
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          姿奴妆品
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          节来
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          县市区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	国民经济		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	城乡规划		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	州市		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	总体规划		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	滇		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	环境保护		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	规		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0000000000 0.0028571429
##
##          试点工作
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          低密瞰
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          城北
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          安家
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          幸
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢房
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          村大惠购

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      奉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      工地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      干活
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      涧西区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      启辰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      日产
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          脚垫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          赌博机
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          捣家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          警惕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打过
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          牛娜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奸生子
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          尿性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这点
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          阴转
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          休息时间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学弟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##	戴雅宜			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	抽出			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	贺晗			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	路尚			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	飞龙			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	五官			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	慢性病			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          神经性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耳聋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          月租金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          该车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直观
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鉴赏

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      元多
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      六年
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      滞纳金
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      忠犬攻
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      护犊子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      温柔
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

```

##
##          霸道
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          圣旨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          复星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公审
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来袭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          海棠
## sms_words_train$type          No          Yes

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##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          生活馆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快捷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          促销价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内赠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刀片
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导向
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##		进门		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		宏源证券		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		布设		
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##		九牧王		
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##		价款		
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##		六级		
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302
##		1	1.0000000000	0.0028571429
##				
##		欢迎惠顾		
##	sms_words_train\$type	No		Yes
##		0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          男裤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          逐级
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可耻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强奸罪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          败类
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          复合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唱得

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      张宏良
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      弱势群体
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      洛阳
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      点评
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0000000000 0.0028571429
##
##      一用
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      教学点
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          楼三音
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          琴行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          专程到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内司委
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法制办
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省人大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          调研组
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          县域
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          语音
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          伊思
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          蜗牛
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          软银
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          小包
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          出
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          畅饮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          金壁辉煌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          李红胜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          一条条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八点半
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发过来
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          抱歉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蒙面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打至
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恒隆

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		桂圆	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		番茄	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		草莓	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		蜜园	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		车厘子	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		鸡心	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          夏雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好感
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奉献
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胶州
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暗号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          视野
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二期
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          传世
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          别无所求
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          民发
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          双层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          反坦克炮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		防 盾		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		百 分 点		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		至 宝		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		钱 金 霞		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		第 七 轮		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		小 黑 裙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		显 瘦		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          短裙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪纺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经营者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          号回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          医术

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      医治
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      奸商
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      心黑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最大化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      面善
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      加国
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          加拿大政府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承认
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          慎重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          射阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          期末
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          隆重举行
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公平
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晒单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝瓶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异味
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          竹炭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          竹碳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		誉达		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		体检费		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		创光		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		可支		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		同前		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		服装厂		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		管吃		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          管吃住
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          箱包厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          结账
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          食品厂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          八卦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弥漫

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		戏份	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		投资方	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		旗舰机	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		开价	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		开刀	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		实战	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429

```

##
##          鞋款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全卫士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          该项
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          围着
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          巡航
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          核弹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          毛子
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用 载
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          终 点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相 遇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          代 表 团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巴 基 斯 坦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三 面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          小厨房
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前天
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三套
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自私
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红米
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          弓丝
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要换
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905

```

```

##          1 1.0014285714 0.0014285714
##
##          小袋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百草堂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细粉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千百度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          尋他
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燈火闌珊

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      眾里
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      處
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      那人
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      驀然回首
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      爰
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      同城
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          告別
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          女電
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          孤單
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          对对碰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          少婦
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          筷速真實茭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          電
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          价保
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          立送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          购机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          兰蔻店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          孤山
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          港澳游
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          一文
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主给
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回信
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          海南省
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          用得上
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老妹
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          买台
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          奈何
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          忽然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          余家
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          听会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夹人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剧场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          答复

```



```

## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          优美
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          自有
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刷到
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千骨刷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          动员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笔误
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          剪板机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          选用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          间隙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          入场
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          删减
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          血吻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          音乐节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女厕所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉扑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          补个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          残币
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          崩塌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          谎言
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悸动
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情愫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潜伏着
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          许是
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          诱惑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喜不喜欢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丧尸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          玩坏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这群人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多肉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          绿植

```

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## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      金额满
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      亚运
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      春秋衫
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      维格
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      恋情
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      情人节
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

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##
##          赶子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          努比亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无赖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          比较复杂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          租车
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          初级班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          培训基地
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          威尼斯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          安居
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9971428571 0.0057142857
##
##          教学
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##	李 老 师			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 0.9985714286	0.0042857143	
##				
##	殿 堂			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	点 至			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	直 入			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	豆 芽			
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	残 忍			
##	sms_words_train\$type	No		Yes
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	漠 然			
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          错了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          探班
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天放钱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房代
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          甬城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          酒后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执政权

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      贪官污吏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      七集
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      八集
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      哮喘病
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      加提成
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      年终奖
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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##
##          急聘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          痴痴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一卫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一厨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          两厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山明
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滨湖区
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          租有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三阳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          搜榜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          买家
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          震慑
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          报案
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胸口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          办学
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          名师
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          执教
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          包子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从业
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          资格考试
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          题型
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          题量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嗜碱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粒细胞

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      组胺
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      肥大细胞
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      渴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蜂蜜水
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      信誉第一
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      大酱
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          百分百
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          赢得
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          养老保险
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心事
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          暖意
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逃难
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拉起
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中信集团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          飞鸟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吉尼斯世界纪录
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          揭幕战
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赛季
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		宏源		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		申万		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		盘中		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		楼		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		图案		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		横山		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		缀		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          全日制
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          分流
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可上
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          周口
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          海燕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          统招
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胡桂领

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      丁宅
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      下管
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      來電
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      十一點半
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      十分鐘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      和豐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          多來
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山洪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          待命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆發
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          結果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          衛生局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          話
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          過了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那個
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          電話
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          祥运
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人民日报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有情人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          涉
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          驳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          湛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主打
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          寿险
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          王宁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          无后
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```



```

##          1 1.0000000000 0.0028571429
##
##          治理
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          修过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大涌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          走失
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          合照
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          助
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成才

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      移民
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      两列
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      气缸
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      比利
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赞恩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      近况
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          图赏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重温
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巴士
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          购票
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收录于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          此文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中庸
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孙红雷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          易
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          砖瓦厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          磨头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          租给
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          组将
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          胡闯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          匹
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          匹单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          友爱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          二房东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工期
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房屋结构
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          简约
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          黔城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亿人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同时在线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心功能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心肌炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          病毒性

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      对此
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      众生
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      因缘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      听见
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大洋
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      心碎
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714

```

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##
##          招聘启事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银河
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          熙攘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六合
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          咬
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          河现
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留痕
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          食人鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          器乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          声乐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          音乐教室
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          下山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		滑		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		滑雪		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		直升飞机		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		绳子		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		贪玩		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		雪崩		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		风太大		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          火力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猛开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          齐头并进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龙岗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          氛围
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          忐忑不安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          幼女

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帝樊
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广电集团
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瑞朵
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一年一度
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          富阳
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          施尔
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

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```
##
##          节大
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          茜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          介绍费
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          口岸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          销
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          门市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          居前
## sms_words_train$type          No          Yes
```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          船舶
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          按住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胁迫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          珍品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          丹东市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实事
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          免除
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关税
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成员国
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          欧盟委员会
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高科技产品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          明有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          网点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          金思佳
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          签证
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卖牛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奶农
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奶牛

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      山区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      忍痛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      物价局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      转行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      唐正东
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      成其
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          转会费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          智
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          黄浦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国安局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监听
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夫妻俩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          来得及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坝上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          栖霞山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顾及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	后爸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	外公			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	来来来			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	这杯			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	期狗			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	期鼠			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	每期			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          特码料
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          量力而行
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好几种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          愣
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          整了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丰厚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          堂祝

```

```

## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          期待
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          活出
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白出
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抓捕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拐杖
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          监拍
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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```

##
##          真 难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风 波
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲 眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几 圈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坠 落
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盘 旋
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          三 倍
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          同享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美药妆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          越
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          鸥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          亿欧网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房企
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```
## 前手
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 若干年
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 贱
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 五个
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 勾起
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 句
## sms_words_train$type No Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 法医
## sms_words_train$type No Yes
## 0 0.9998412698 0.0004761905
```

```

##          1 1.0014285714 0.0014285714
##
##          炒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炒鸡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热爱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连载
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          区分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          等级
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          车厢

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四周
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方林
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开化
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教导员
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汪志刚
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          档案
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          档案局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热烈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太晚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太牛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          韶关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哲理
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          说说
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通勤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出厂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各位朋友
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          对折
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          漫天雨
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          棉袄
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          通通
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          越做越
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顺手
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修理
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈密市
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          西河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          警力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一点多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拿药
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          邮报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘶马

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      没出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      饭店
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      三号
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      合成
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      这部分
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      铁树
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```
##
##          澳币
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出发点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破坏性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肉乎乎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再好不过
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          初数
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刷书刷题
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          时而
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科四
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考题
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          英语语法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人工合成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熊胆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	多快			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	撞见			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	解说			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	看脸			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	容器			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	易燃物品			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	盛载			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          为荣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          店庆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          民宅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          誓死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闯入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天缺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          铁缺

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好久没
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影评
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          练写
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          虚荣
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看不到
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714

```

```

##
##          拆分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          知识库
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          详细信息
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          做事
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自贫然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顺其
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屋吉屋
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岛国
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          典范
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平原
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          水网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          停航
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          核动力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          艘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          构架
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灭掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          统统
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花名册
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          彩虹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          棉线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          捷克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          举办权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          残奥会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拐卖妇女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转完
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          困成

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      太久
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      脱离
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      电脑房
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      成人高考
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      怪怪的
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      数只
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          大物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乘虚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一桶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          交款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          名买
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          配套
## sms_words_train$type          No          Yes

```

```

##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          金龙鱼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          食用油
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          太极
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肉夹馍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马云
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          张馨予
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		情 伤		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		疑 难		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0000000000	0.0028571429	
##				
##		存 管		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		注 册 资 本		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		细 则		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		初 中		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0000000000	0.0028571429	
##				
##		发 传 单		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          太仓
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          万两
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妓院
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宋江
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑脸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          例外

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0000000000	0.0028571429
##			
##		參與	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		可贈	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		消費	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		滿	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		進店	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		顧客	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          飾品
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          俠
## sms_words_train$type      No      Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          战靴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改良
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手提电脑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          供品
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          刘煜
## sms_words_train$type      No      Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          店长
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美凯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          超低价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          龙安
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          国门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          本土
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

```

##          划来
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          挺不错
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          植秀
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美津
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不辨
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          之人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          体贴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          真是太
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          转圈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汽车玻璃
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          耀华
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          太弱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          元立
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          水凝

```

```
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          精米
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高丝
## sms_words_train$type           No           Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          再火
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火得
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄人
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          万幸
## sms_words_train$type           No           Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```

##
##          我裂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          养身
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多购
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          套组
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          放假
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          水合
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          组送
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胶原
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          充分体现
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卫蓝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中海
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          城店
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环宇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		和解		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		打人		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		枪		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		最赞		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		蛮多的		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		丽人		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		毛衫		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          节即
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          马宁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          憧憬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          散去
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          青春年少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开钢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留作

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      票根
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      土山
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      札布
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      札达
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      畔
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      象泉河
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          昏迷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汉诺威
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          响应
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          注资
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          银行业
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不红不肿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闭合性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放心使用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          简章
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          面向社会
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          尼罗河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	星级		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	游船		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	餐食		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	带伞		
##	sms_words_train\$type	No	Yes
##		0 0.9998412698	0.0004761905
##		1 1.0014285714	0.0014285714
##			
##	恨不得		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	电驴		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	澳元		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          给力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          画画
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坚守
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          珠峰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两地

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      京津
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      垫资
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      字文
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      短期
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0000000000 0.0028571429
##
##      过桥
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      金地信
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          演技
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          薇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会展业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两盒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          膜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刹车油
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大同
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奇瑞
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恒山
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          服务站
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          进站
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          德
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成交价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



```

##          这破
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          咯
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          礼 额
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胃 肠 道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          雷电
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新洲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人尽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可知
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          描写
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宋先生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三支

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀特
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          效力
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一点点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          果盘
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洋酒
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          签
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

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##
##          送软
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          饮
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          西和县
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          试讲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          诚请
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          金星
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          感脚
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          了句
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哥们
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          沉默
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舍友
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          默默地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拾起来
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          起航
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汽车出口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王牌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条件者
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          营养师
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诉讼请求
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刚看
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          加番
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          删微博
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啥时候
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天降
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想用
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          拍进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          污垢

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      准考证
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      已婚
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      节育环
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      那颗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      香隅
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      请客吃饭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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##
##          井
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勘查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          该台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轿厢
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保卫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          感召
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抗日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晚饭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小牛皮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普拉达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荔枝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##          九点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          裁判员
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面罩
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钞票
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车库里
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东坪
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乡镇
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          巧家县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昭通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          森林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          窥见
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陪护
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷静
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白下

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      那雨
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      峰哥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      淘金
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      两侧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      底部
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      担当
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
## 刘青云
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 烫
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 看样子
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 还勒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 零去
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 垂落
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 树枝
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          过路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迎春
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再修
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          后怕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扣款
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          不接
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两三个
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          悲惨
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          唯品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          粉红色
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          芭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别有用心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不放
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          死缠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蓝猫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房出租
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          虎山

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		延迟	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		排查	
##	sms_words_train\$type	No	Yes
##		0 0.9996825397	0.0006349206
##		1 1.0014285714	0.0014285714
##			
##		规则	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		解读	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		赔付	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		冷饮	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          沪江
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          词场
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心塞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异派
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          归位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆红
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          造势
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          铁三角
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喷射
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          增压器
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          燃料
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          云载点
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	0.9998412698	0.0004761905
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          磨牙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          倾越
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奢华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          底妆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贵妇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赫莲娜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亂萌

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      前輩
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      劃劃
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      問
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      圈圈
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      圈錯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      地圖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

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##
## 時
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 正時
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 面對
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 餐廳
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 王小萌
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 曼谷
## sms_words_train$type          No          Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 圣诞
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          美肌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          防控
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          修好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全没
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打不开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑屏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

茶漏			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
迷你			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
骷髅头			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
热点			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
申论			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
中远			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
双燃料			
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

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##          1 1.0014285714 0.0014285714
##
##          川崎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滚装船
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首艘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          今起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          已破
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          期指

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一线品牌
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      万纸
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      千红
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      厂方
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      可想
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      在有
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

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```
##
##          曲美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          索非亚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          舒达
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          反恐怖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可研
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          风控
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          聚精会神
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汇熙园
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          差价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          战式
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          放价
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          等你拿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          返还
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		钞		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		钻戒		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		余张		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		光盘		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		扑克牌		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		棵		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		植株		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          淫秽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罂粟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          麻将牌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滨海新区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第三届
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内设

```



```
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          專業
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          律師
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          志願者
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          民間
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          積極性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          群眾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
```

```

##
##          調動
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辦公室
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牛牛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          筹钱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          深入人心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          內衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          松鹤路
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          棉打
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白象
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          试穿
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          基因突变
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          球蟒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相当
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		做作业		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		剧周		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		原著		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		过瘾		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		吃不下		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		夜总会		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		流过		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          来龙去脉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一上午
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          惠路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面谈
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          下配
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          头等舱

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		玺	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		偏偏	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		早班车	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		光华	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		北国	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		天河城	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          安
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          即发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东南亚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中东
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          园林机械
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          来电来函
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汽摩配
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          澳非
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不醒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大气层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          送入
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          伴侣
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		外行星		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		太阳系		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		弄清		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		系外		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		之城		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		丰镇		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		有木有		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          聊聊天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一震
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微微
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恍然
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追逐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起起落落

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          崛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桑二开
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狐
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山猫
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          影视动画
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国际货币基金组织
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          失业率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五角大楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇一摇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          基础设施
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          改建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金点子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一盆
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绿萝后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王梁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小玩意
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摆到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	抛锚			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	撞击			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	数百米			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	豪车			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	圆满成功			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	振兴			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	扒衣			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          羞辱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          劳监
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          丫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公检法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仙仙上
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          打底

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 0.9985714286 0.0042857143
##
##      爆款
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      咖和
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      般配
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      试试
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      魔图
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      垫底
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          二百五
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抓狂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一拿起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减加
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          半仓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胶带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          科里
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          男演员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄晓明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          犯罪心理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          短视
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女士们
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		我禄福		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		分动箱		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		前桥		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		后桥		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		辩护律师		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		刮		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		主推		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          回电
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          环球
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          禅城区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陷入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顿时
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          到庭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旁听

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		请于	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		林工	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		铺面	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		外用	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		药哈	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		避孕药	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          阴道内
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人笑
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          旅
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          某地
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          某时
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女硕士
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          孔乙己
## sms_words_train$type      No      Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新闻纵横
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面孔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市场占有率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十万个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          比率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不要脸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          六次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          炮
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          开卖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          布下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          洼地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阵法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大乱斗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贷等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手机软件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自责

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          错票
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          辣鸡
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从中
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大腕
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遴选出
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          夺人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灯组
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          众创
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          焙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          书柜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          武侯区
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          洗面
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鞋柜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          独栋
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          十八年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿德莱德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不减
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

偏好			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
活性			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
破坏			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
细胞膜			
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
净化器			
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
匹仅售			
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
挂机			
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          电磁炉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电饭煲
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          周庄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四面
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水月
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环湖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          划船

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      碰見
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出現
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      珀
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      腐敗
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      鉛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      勒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          这么久
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          司考
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行政法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          行政诉讼法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          方案设计
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瑞昌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花台
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人回
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          債務
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大戲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          希臘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承諾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                      改革方案
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      普拉斯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      泰將
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      維吾爾
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      總理
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      調查
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      貪污
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          馬國
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          齊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分配不公
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          去逛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          忍耐
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          我就
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          结伴

```

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## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全效
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          原液
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晶钻
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美肤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          带有
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投下
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

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##
##          衣物
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          客运量
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手中
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大串烧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          经典歌曲
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贾老板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所维保
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逐一
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          博客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          捍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##	揭黑			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	江湖			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	秀才			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	客串			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	萌宝们			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	县区			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	国有企业			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          所属
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省属
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省直
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          省辖市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          净水机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凯莱
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          焦作

```



##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		不消	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		人头	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		指按	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		记忆	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		王思聪	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		郭碧婷	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

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##
##          黄海波
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          审案
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          法院院长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大喊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          固安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好事
## sms_words_train$type          No          Yes

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          快车道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呕吐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          腹泻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女法官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两市
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          指跌超
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

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##                      跌停
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      退守
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      黑客帝国
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      侯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      土灶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      淮阴
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      借口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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```

##          1 1.0014285714 0.0014285714
##
##          怕死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          懦弱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          皮萨诺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          那诺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浮白
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起堆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两河

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      县公安局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      日盘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      清查
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      世贸中心
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金杯
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      轨道
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          对话框
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          停机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收不到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          动作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          景气
## sms_words_train$type          No          Yes

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```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自取
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闲鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挽救
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          措施
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不送
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##	老带			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	金三角			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	金不送			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	万能			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	哆			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	上个			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	玩个			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          不等
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姑 苏
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          命 令
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导 入
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导 出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开 药 方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硬 块

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      肿瘤
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      剧陆贞
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      看一遍
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一出
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      共地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      合演
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          国主大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          托管地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          母女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清宁宫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          姚明
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第三季度
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          晨悠
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          润肤乳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长效
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          逃单
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烤鱼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘忠鹏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          总监
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	盈  灿		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	喜  逢		
## sms_words_train\$type	No	Yes	
##	0 1.0001587302	0.0001587302	
##	1 1.0000000000	0.0028571429	
##			
##	梦  特  娇		
## sms_words_train\$type	No	Yes	
##	0 1.0001587302	0.0001587302	
##	1 1.0000000000	0.0028571429	
##			
##	腰  带		
## sms_words_train\$type	No	Yes	
##	0 1.0001587302	0.0001587302	
##	1 1.0000000000	0.0028571429	
##			
##	三  分  之  二		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	征  得		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	
##	1 1.0014285714	0.0014285714	
##			
##	嫩  个		
## sms_words_train\$type	No	Yes	
##	0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          开园
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荷塘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中途
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宗教局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遭人

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小小
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      再见
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      俯视
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      六界
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      妖神
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      身为
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          失踪
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          入会
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          测试法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勤俭持家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宝姐姐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朝九晚五
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          耗费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          净化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          回柜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          悦享
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          悦木之源
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          空瓶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		果壳		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		谋杀		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		大老爷们儿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		我兴		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		火到		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		三角形		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		起落架		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          部件
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卫浴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          浪鲸
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成绵乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网外
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          闲杂人员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工学院

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      赶工
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      五洲
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      博览
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      省道
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      通州区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      通科技
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          银杏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金石滩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          存到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抱团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          持仓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专卖
## sms_words_train$type          No          Yes
```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中驰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          修理包
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          南昌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          安庆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          底盘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          杨柴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		板簧		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		校车		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		江淮		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		襄阳		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		占地		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		督办		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		跑道		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          相吻合
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          花痴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          失范
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社会公德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          观望
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指明

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      非要
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拖累
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      补跌
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      服务器
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      冰凉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      水枪
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
## 缤纷
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 解放碑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 音光
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 鸡尾酒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 不會
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 圖片
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 太陽
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          戴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          最瘦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歡迎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          每顆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          氧化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          水鑽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		相 滿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		精 挑 細 選		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		純 銀		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		經 典		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		設 計		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		過 敏		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		鑰 匙		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          鑽
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          項鍊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          举着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大字
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条幅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标语

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滚蛋
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紧盯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑衣
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          存管合
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乌兰浩特
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          住友
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429

```

```
##
##          分期
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          包头市
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华银
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          油品
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          滤芯
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          石川岛
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          此人
## sms_words_train$type      No      Yes
```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五大
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舒缓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夫妻用品
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全套
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          延时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	0.9996825397	0.0006349206
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.00	

```

##          1 1.0014285714 0.0014285714
##
##          来拿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          着手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公招
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          永久
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          过加
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          摘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桃

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      桃儿
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      极速
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      顿感
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      后勤
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      娘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      隔离开
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          较为理想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          内介
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          野球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          导游
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          左为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最爱自
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一晚
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          界山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流动
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          社区卫生
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          叽里呱啦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昨儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脆弱不堪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		看小		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		华仔享用		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		私密		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		莞式		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		豪泉		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		人间		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		执行力		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          文物
## sms_words_train$type          No          Yes
##          0 0.9996825397 0.0006349206
##          1 1.0014285714 0.0014285714
##
##          普查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北至
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          台村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霞云岭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          掏钱

```



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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不乐意
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      信号源
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一回
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      就断
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      无线网
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出货量
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
## 翻番
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 有毒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 龙哥
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 斗法
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 一幕
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 惊险
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
## 点许
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈怀民
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          主机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前脸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          激光头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          格栅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	企业顾问		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	加盟店		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	客户资源		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	张莉		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	数据分析		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	管控		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	良性		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          花仙子
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          革命
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          天窗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手机用户
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          能查

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		梳妆台	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		质朴	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		血泪	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		专利产品	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		垄	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		培土	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          开垄种
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          播种
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          机械效率
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          甘蔗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          示范
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          耕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          铺膜
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中企
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情报机构
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          斯诺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          港媒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微银
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          礼惠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##	刘芹			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	晨兴			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	中将			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	已为			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	整装			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	他母			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	我母			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          胆结石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猛戳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两层
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夹死
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悬在
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大涨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          早盘

```

```

## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      割
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      双眼皮
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拆省
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      文物局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      毫不
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      知情
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          闹市区
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          塑造
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          办午
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          慧哲午
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          三级跳
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大码
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超模
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生灵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          百脑汇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          占据
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          度假村
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招待所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          余个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          农场
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机电
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          物流
## sms_words_train$type      No      Yes
##          0 0.9998412698 0.0004761905
##          1 1.0000000000 0.0028571429
##
##          三季度
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          压制
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沈培平
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甌北
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          小鸭子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新兴
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          航空航天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市里
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          畜生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈夕山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天旋地转

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      缺点
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      合伙
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大二
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      津扬
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      海峰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      荆门市
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



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##
##          车辆管理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          泡带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潼潼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          城内
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          综合性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          协鑫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          垃圾焚烧
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明德
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浏河镇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          狮子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金阁寺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	鸿门宴			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	一度			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	小妙			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	骨科			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	汤旭到			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	看守所			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	严厉			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

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##          1 1.0014285714 0.0014285714
##
##          杜绝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄赌毒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吓死人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          川菜馆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全实
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          木简
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花芯木

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		莅临指导	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		货币政策	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		森林公园	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		油菜花	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		专享	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##		文华	
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          礼遇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          置换
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          英菲尼迪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          演示
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          粉碎机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摄影展
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          昨天下午
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爆头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          艾仕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          口气
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          分系统
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          嘉信
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	德融			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	例子			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	亦格			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	盛装			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	全都			
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##	宝兄弟			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	应应			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          奢侈品
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          普达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          质押
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出金
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          英语听力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实货
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日有

```

##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	贾宁		
##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	省农业厅		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	带我去		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	体现		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0000000000	0.0028571429
##			
##	倒卖		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	坑骗		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

```

##
##          携程网
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中山北路
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          派单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          风雨无阻
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          记忆犹新
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          名城
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          域
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          墙体
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          广告位
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          手册
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          文化传媒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          水榭
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          电子屏
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花都
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          龍途
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          李子
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          好喝
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          常开
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          庄园
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          每份
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          点码
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          码农
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          胃口
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          重逢
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          上天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          恩赐

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脊
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整死
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          崭露头角
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫御
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          长安
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小品
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          歌舞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          独奏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          精彩纷呈
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有您
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          益
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          破船
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三相
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          临时工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          塑胶
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          富祥
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          正式工
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          电机
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          白班
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	磁卡			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	菲玛			
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##	逃亡			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	那英			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	感染者			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	市委			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	筹划			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          其他费用
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          工资卡
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          无需
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          如火如荼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          可放
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          行有
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          过代

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      比例
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      为结
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      拙政园
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      雅致
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      只须
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      商业中心
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          急事
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          歹厅
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          罗湖区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          聚宝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          舌尖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莲塘
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          迷宗蟹
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天魁神
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弹指
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          掌教
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神通
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全面提高
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          售后服务
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	险企		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	一遇		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	坐落于		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	骏景		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	生个		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	介入		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          共查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          村干部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          儿时
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抗争
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自行其是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拐弯抹角

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      硬性规定
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最早
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      一票
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      吃了饭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      潮白
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      荣华
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          一千多
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          满桌
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          百乐门
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          能往
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          订房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陈真
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自卑
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          回炉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          致歉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高职
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          财年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世界观
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喜剧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	悲观			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	欺压			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	郭敬明			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	万千瓦			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	发电厂			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	坯州			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	徐塘			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          亲子鉴定
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          依次
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          楼约
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          重要性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先锋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          单车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          友善

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      姜堰
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      崇义
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      马晓兵
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      号牌
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      限行
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      零时
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          林业大学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          冷藏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凭安
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          易晶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          颗星
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一声不吭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伤痛
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唇炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拖
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太好了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##                      收点
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      税来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      沿线
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      筒子
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      逛逛
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      斯托
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##                      点头
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          虫虫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          顽石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厘利
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          可办
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          天放
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          或车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          押免

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      无低
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      有楼
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      王经理
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      花大钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      放学
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      离校
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          信合
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          做生意
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          汇金
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          瑞城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄荣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          乌云
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          田野
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细雨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阴天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夜间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          叙永县
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          酒家
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          鑫龍
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##                      高帽子
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      三室一厅
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      免税
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      名苑
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      幢
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      幼儿
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##                      库
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          新街
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          花城
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          萧山区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          研四
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          论文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          起早贪黑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          追番

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      五大洲
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      华为公司
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      乘飞机
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      开解
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      空档
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      印度洋
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
## 小岛
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 一市
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 二省
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 工艺师
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 百位
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 百余
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 划手
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          舵手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鼓手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直飞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岛上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          正面
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	成名			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	麦克风			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	超跑			
##	sms_words_train\$type	No		Yes
##		0	0.9998412698	0.0004761905
##		1	1.0014285714	0.0014285714
##				
##	尾声			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	科比			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	职业生涯			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603
##		1	1.0014285714	0.0014285714
##				
##	神舟			
##	sms_words_train\$type	No		Yes
##		0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          主干道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          查明
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          标识牌
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          兴安岭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国土
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          树龄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砍伐

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      专职
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      工会
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      工会工作
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      工作者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      社会化
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      亚军
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          任嘉琪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          决赛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘燕妮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          损失惨重
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          李阳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          球员
## sms_words_train$type          No          Yes

```

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##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          立克
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          袁悦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          跌倒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马姝玥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抓获归案
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##

```

##	狸猫换			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	抗洪			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	中年妇女			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	责怪			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	們			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	千萬			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	噲			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	



```

##          1 1.0014285714 0.0014285714
##
##          記住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游侠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          次郎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摔成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          稀巴烂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌颂
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          农林牧渔

```

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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      少数
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      活跃
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      运输
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      周先生
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      新星
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      画坛
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
## 近年来
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 汀
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 调脂药
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 安定
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 游泳馆
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 溺水
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 很棒
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数个
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五号
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十五日
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十字街
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          敦奴店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          图为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          拍到
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          介
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          学手
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          水粉
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          油画
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          老生
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          跆拳道
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          速算
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拉菲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          池子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信其
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杰哥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整车

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      裁膜
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      二级
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      海事局
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      防台
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      挣钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      攒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          歌迷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生日快乐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          媳妇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          笔记本
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          办成
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          友
## sms_words_train$type          No          Yes

```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          金汇
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          黄石市
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          半道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          续个种
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缺钙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中碳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	欠薪			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	规划院			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	分歧			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	刚蒂亚			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	加尔			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	翠星			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	资助			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          十宗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弟子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          无风不起浪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          进京
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          产业带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干果
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雪阁

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      攒钱
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      第一步
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      老姐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      高中
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      元旦
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      小房
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```
##
##          鼎
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          新天
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          智能水表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热量表
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疾控中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加把劲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不远
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          州政府
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沙夫豪森
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瀑布
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          莱茵
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烦不烦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马格机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

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##          夭折
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生下
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          缘故
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身患
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          遗传病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          隐疾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          耐着
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

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##          1 1.0014285714 0.0014285714
##
##          壁上
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胎盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一大截
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刑侦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          情商
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          积点
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          化学系

```



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## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      卢令
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      历时
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      师范大学
## sms_words_train$type      No      Yes
##      0 0.9998412698 0.0004761905
##      1 1.0014285714 0.0014285714
##
##      社团
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      五十
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      小片
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```
##
##          灰
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          善意
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          刑法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          条分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          念念不忘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          怀念
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          烟雨
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          相框
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          移动硬盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          到店
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          发图片
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          多件
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          您们
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##		款多量		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		剪刀手		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		女侠		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		杆		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		臭美		
##	sms_words_train\$type	No	Yes	
##		0 0.9998412698	0.0004761905	
##		1 1.0014285714	0.0014285714	
##				
##		ふ		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		掩盖真相		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          要费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          偏硬
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天才
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肉质
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要放多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前所未见
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          十一

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		太轻	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		干掉	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		恐怖	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		星期五	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		网价	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		苏某	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          信群
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          流失率
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          结送
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模板
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          千石
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          艾方多
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          副董事长
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赛轮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金宇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          猪价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          砍价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太火
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		口 福		
##	sms_words_train\$type	No		Yes
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		混 音		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		办 公 楼		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		太 热		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		淹		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		路 上 车		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		巴 塔 哥 尼 亚		
##	sms_words_train\$type	No		Yes
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          智利
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          个省
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          辩手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          争权
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          党中央
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          口说
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          夺位

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      作伴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      湿地
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      盘翠屏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      做满
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      鄂
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      工作餐
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
## 往返
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 招普工
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 磁
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 车票
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
## 胖
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 陀螺
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
## 丽姿
## sms_words_train$type      No      Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          从款
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          仙仙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          低调
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          华都
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          品牌服饰
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          形到
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

时代感			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
第二代			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
共舞			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
哥弟			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
廓型			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
李华			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
裤及			
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302

```

##          1 1.0000000000 0.0028571429
##
##          邀
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 0.9985714286 0.0042857143
##
##          铜锣湾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          养乐多
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          别搞
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          差评
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          武林
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军人

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      本色
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      牢
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      筑
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      葆
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      警魂
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      啤酒节
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

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```

##
## 尚湖
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 第八届
## sms_words_train$type      No      Yes
## 0 1.0000000000 0.0003174603
## 1 1.0014285714 0.0014285714
##
## 交流会
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 境
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 盛源
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 美迪
## sms_words_train$type      No      Yes
## 0 1.0001587302 0.0001587302
## 1 1.0000000000 0.0028571429
##
## 文交所
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          查出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淋巴瘤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巡视组
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巴东县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          督察
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          婚姻法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##              着重
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              计生
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              植物性
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              休克
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              感染性
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              术后
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##              信息网
## sms_words_train$type      No      Yes
##              0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          汉南
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更具
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          氓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收买
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荣誉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全真
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          奇砾

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      校
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      私享
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      私塾
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      美式
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      雅思
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      集中体现
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##          专线
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          因新开
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          数条
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          进口车
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          千古
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牧羊人
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          当归
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸡爪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黄芪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中午饭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有备
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          疯癫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          身轻如燕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```
##          这双
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阿迪去
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高帮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一体
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          下榻
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房县
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          假山
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
```



```

##          1 1.0014285714 0.0014285714
##
##          池水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刘燕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          抢订
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          操盘手
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          效
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          聚成
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          苟旭杰

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		优越	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		保质保量	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		公道	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		翰林	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		双景	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##		居家	
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```

##
##          恢宏
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          护城河
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          更增
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          自成
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          莫愁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          万升
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瓶装
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          葡萄酒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          建立联系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          神秘色彩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          娱乐场所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          执法检查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```
##          文广
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          新局
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          联合行动
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          聚集
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          秘诀
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          管好
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
##              1 1.0014285714 0.0014285714
##
##          三门
## sms_words_train$type           No           Yes
##              0 1.00000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          建筑学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          睢宁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乔治
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          希尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当家
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          步行者队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          锦州

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厚重
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          堵住
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宫颈口
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          白带
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          南京军区空军
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          轰
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          人口普查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          居住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          功利性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          值
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          增
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          全方位
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0000000000 0.0028571429
##
##          周到
## sms_words_train$type          No          Yes
```



```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          四月份
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          小董
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          广大客户
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          续单
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          起年化
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          运营官
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	中标			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	工程质量			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	眼里			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	目光			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	双肩			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	纪梵希			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	泰山			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          规程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          标识
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          近人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          糠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          蘸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          面包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          黑芝麻

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大排档
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      清场
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      脑出血
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      踢
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抗衡
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      短路
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          老化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          作弊
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          模糊不清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          呼伦贝尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          日住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          陈巴尔虎旗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          卡车
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荒废
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伊藤
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          卫生巾
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恩芝
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          阿莎娜
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          最能体现
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          推特上
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首秀
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          元均
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          凡购
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          乱码
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干死
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          出风口
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          伞皇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          山海关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老龙头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          厌恶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          心理疾病
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          四大行

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      化妆棉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      擦拭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      研究部
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      侦办
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      厌倦
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      沿路
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          盘查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          器奔溃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五一节
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打针
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          挂号
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人員
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勞基法
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          約
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          聘僱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          引流
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          探查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          留置
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胆总管
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          万超
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太美
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          熄屏
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          贴合
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高像素
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朱炯
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          此后
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          寝室
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          偷摸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          严峻
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          环比
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          平凡
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          挡不住
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          甘于

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      踏入
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      追击
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金融界
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      查扣
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不念
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      姚正武
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          三 盒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十 盒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喝 完
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信 息 工 程
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          极 端
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          华 系
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哈 弗
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汽车行业
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          信息化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          国行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          天机
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          指纹识别
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼纹
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



```

##          集成
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多远
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          富翁
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          细数
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下歌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          巨出
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驸马
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          塞尔维亚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          歌唱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          人数
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          信诚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          徐
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          恁
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          满了

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	节假日		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	迎新		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	中日韩		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	回避		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	朝籍		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	对门头		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```
##
##          牌匾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          扮演
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          更高
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郜艳敏
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          前大灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          棱角分明
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          雾灯
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          多后
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          童年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仁豪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直通车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          迪诺雅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          通辽
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          全军覆没
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          货代
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胜过
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          交由
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大官人
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微信会
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          交投
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          出访
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商务局
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          外侨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          随团
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鹿城区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          七年

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          异端
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          登峰造极
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二十岁
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          敲桌
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          创立
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          权益法
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```



```

##
##          低碳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          准则
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          固体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          淡香氛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香水
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          香膏
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热烈欢迎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          灵芝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          当丑
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摘掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          涉批
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          率先
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          红顶
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酷
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          酷狗
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          宏观政策
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          连续性
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍得
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          咨询部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          滴女
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          生气
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          纸们
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          公园路
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          综合楼

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	语		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	工作效率		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	另一名		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	牛角		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	重伤		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	佳琦		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          半圆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          擦拭布
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          眼镜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          关节炎
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首推
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          骨骼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          女艺人
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试镜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          两米
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          定做
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          招呼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一键
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          下厨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          卓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          帮厨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          备好
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必不可少
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          必需
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          抑制
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          激素
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          褪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乐队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          持續
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放盤
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          數目
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          樓房
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          減少

```

##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	一阳指		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	星宿		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	神鞭		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	工作量		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	岑溪		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	某戈		
##	sms_words_train\$type	No	Yes
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714

```
##
##          不计成本
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          另寻
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          渔具
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          钓友
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          高明区
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          绩溪县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诈骗案
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          事发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          副总
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坠楼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          版为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高功率
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          誓言
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```
##
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          世界卫生组织
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          矿
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          保洁
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          放行
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          治安
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          车库
## sms_words_train$type          No          Yes
##          0 1.00000000000 0.0003174603
```

```

##          1 1.0014285714 0.0014285714
##
##          门岗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沙溪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不仅仅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          直至
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          联邦
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          承包
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          学徒

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	美容师		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	法律硕士		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	班网		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	打响		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	铁杆		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	称兄道弟		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          光环
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好货
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啥时候
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          左兆军
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          教研室
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发牢骚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          没饭
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看微博
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          唐人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          整体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          网拍
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          同人边
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          爱看
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		雷文		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		已然		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		必来		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		球星		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		一节课		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		昂立		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	
##		1 1.0000000000	0.0028571429	
##				
##		班子		
##	sms_words_train\$type	No	Yes	
##		0 1.0001587302	0.0001587302	

```

##          1 1.0000000000 0.0028571429
##
##          教育经费
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          绕道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罗晋
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上下文
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奥图
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          紧
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          圣

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      弗朗西斯科
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      这间
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      洗白
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      不收
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      掀起
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      浪潮
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          炒作
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          热潮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          金山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          开关
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          电梯间
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          光
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          微信群
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          我进
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          加分
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地方性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          文学名著
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          富士康
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          说出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          立交
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          马蜂窝
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          几眼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妈生
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仕途
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          勤于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          因矿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强调
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拆大建
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          数日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          瞒报
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          自醒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          记过

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      鞍山
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      书写
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      奋力
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生动
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      篇章
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      岔开
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          追尾
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          二层
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          彩钢房
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          成新
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          防火
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          处级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家事
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          家产
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          核查
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          乡匪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          何原因
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          村霸
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          何老涨
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	兰陵			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	没电			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	酱			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	万柏林区			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	命案			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	太原市			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##	居民小区			
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          的是
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试用装
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          说不清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          凡来
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          良源
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          足道

```

```

## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      选取
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      人远点
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      猥琐
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      僧
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      打人者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      丰县
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          济徐
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          郑集
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拍帕尼
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          游击队
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          北海
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          龙拳
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中以
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一枚
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          亮妆
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          会所于
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          半条
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          老命
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```



##		诉讼时效		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		一溜烟儿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		北只		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		小高		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		医托		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		妇儿		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		布林		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          点子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          想一想
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          达人及
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          圣地
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          太阳山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          江山市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          礼佛

```

##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714
##			
##	价		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	日		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	泊美		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	菴		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	金玛特		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	德尔		
##	sms_words_train\$type	No	Yes
##		0 1.0000000000	0.0003174603
##		1 1.0014285714	0.0014285714

```

##
##          远高于
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          给面子
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          各县区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          地域
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          清河区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          广州市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          接待室
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          试运行
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          施施
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          淘寶
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          與
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          認真
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

```

##          殖
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          吴 帛
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          霓
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          栏杆
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          桥梁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          胡巧美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          不可或缺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          口语
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          考级
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十日
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          愈发
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          意图
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          收紧
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          中荣

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      抛光
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      爆炸
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      粉尘
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      金属制品
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      宁杭
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      长深
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```



```

##
##          上傳
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双桥
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          投入使用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          午盘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小幅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          五华
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          市容
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          态势
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          普吉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          违规行为
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          高压
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          屏蔽掉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汽车音响
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##	强拆		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	钉子户		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	转预		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	高送		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	文学网		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	千灯		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	协调		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          城东
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          石浦
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          擷取
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          双脚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          机舱门
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          脚趾甲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          要修

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      信息流
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      最为
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      流是
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      下卡
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      厘起
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      年缴
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          息啦
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          房月供
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陈经理
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          降
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          快船
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          拉带
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第二种
## sms_words_train$type      No      Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          庭审
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          悔改
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          确有
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          传媒
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          吴越
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干吗
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          服务员
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          这件
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          终极版
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          刚来
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          成果
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          先花
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          土丘
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```



```

##          1 1.0014285714 0.0014285714
##
##          小河
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          沟渠
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          浜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          荒坟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          控制中心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          防御
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          碗面

```

```

## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          傷不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          八十年
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          墓价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          房地產
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          活不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```

##
##          生不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          養不起
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          易出
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大汪
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          很爽
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          繆斯
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          新二院
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          日红达
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          购会
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          市场化
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          喜录
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          通知书
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          亲故
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		哭哭		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		常规赛		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		废话		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		怼		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		看戏		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		算上		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		央		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          政府职能
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          言论
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          阳台
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          安全性
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          得享
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盛名
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          超强

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      耐晒
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      闲置
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      挂失
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      蔡
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      纯正
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      大话
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          官气
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有条理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          讲信用
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          争做
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          明白人
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          真理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          驱
## sms_words_train$type          No          Yes

```



```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          上映
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          流媒体
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首部
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          索道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          紫金山
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          坑塘
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		名肉		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		州		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		室里		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		省市		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		贵州		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		一般般		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		土豆		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          严惩
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寓所
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          气候
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          画师
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          岷县
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          寫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          廣告

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      惊现
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      生理需求
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      贼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      這麼
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      优胜者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      人才培养
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          心理压力
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          赶车
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          傲
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          有利于
## sms_words_train$type          No          Yes
##          0 0.9998412698 0.0004761905
##          1 1.0014285714 0.0014285714
##
##          犯法
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          三季
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          第一股
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          不好受
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          静静
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          消防员
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火线
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          硬汉
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          集朱梓骁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          电话会议
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          会务
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          佳苑
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          婷婷
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          家居装饰
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          并州
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          此条
## sms_words_train$type      No      Yes
##          0 1.0001587302 0.0001587302

```

```

##          1 1.0000000000 0.0028571429
##
##          组赵
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          质监局
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          距天
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          开城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          盐湖城
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          着开
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          干扰

```



```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      悬赏
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      操纵者
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      救火
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      误区
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      加州
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      山景
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```

##
##          车 停
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          助 气 理
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          王 石
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          董 事 长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          今 周
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          最 高 潮
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          所 谓
## sms_words_train$type          No          Yes

```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          仓库
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          局长
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          钢铁
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          说道
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          弄坏了
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          翼龙
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          三股
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          妞妞
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杀戮
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          潮湿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          军装
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          商周
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小站
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          买饭
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          打球
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          很酷
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鸵鸟
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          从带
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手提箱
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          专业术语

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      云里雾里
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      卖身
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      发贴
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      尽孝
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      五人班
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      俦
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```

```

##
##          刺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          効
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          升学
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          压轴
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          教
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          稳步
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          药
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          签
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          缓
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          拔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          贴身
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          陪读
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          题必
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```



##	高强度		
## sms_words_train\$type	No	Yes	
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##	分部		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	南京军区		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	阅兵式		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	因涉嫌		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	昌平		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##	现赵		
## sms_words_train\$type	No	Yes	
##	0	1.0000000000	0.0003174603

```

##          1 1.0014285714 0.0014285714
##
##          买卖双方
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          特许
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          惧怕
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          磨砺
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福田区
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          看清
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          东侧

```

##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	总店		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	惊爆价		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	洗衣		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	洗貂啦		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	燕都		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429
##			
##	维斯特		
##	sms_words_train\$type	No	Yes
##		0 1.0001587302	0.0001587302
##		1 1.0000000000	0.0028571429

```
##
##          貂
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          售价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          提价
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          奶酪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          年薪
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          发卡
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          好稀饭
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          璇
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          朴树
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          再寄
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          哲学
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          啃
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          鱼头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

##		鱼尾		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		专业性		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		估价		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		典当		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		变现		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		极强		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	
##		1 1.0014285714	0.0014285714	
##				
##		艺术品		
##	sms_words_train\$type	No	Yes	
##		0 1.0000000000	0.0003174603	

```

##          1 1.0014285714 0.0014285714
##
##          天了
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          暖衣
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          爱慕
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          以近
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          汉兰达
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          略输
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          福特

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      锐界
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      判决书
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      出色
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      肖宇
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      请电
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429
##
##      刘永桂
## sms_words_train$type      No      Yes
##      0 1.0001587302 0.0001587302
##      1 1.0000000000 0.0028571429

```



```

##
##          市厅
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          德寿宫
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          首尔
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          业街
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          享超
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宽阔
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          已于
## sms_words_train$type          No          Yes

```

```

##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          铺
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          众美
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          见证
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          宿迁市
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小微
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          融资难
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##

```

```

##          丁
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小女儿
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          新安县
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          杀害
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          矿长
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          诱奸
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小心翼翼
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603

```

```

##          1 1.0014285714 0.0014285714
##
##          滋养
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          焕颜
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          活话
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          大额
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          姚汗
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          聚龙
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          侦探

```

```

## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          强记博闻
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          肺病
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          减免
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          罪责
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          化纤
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          资产重组
## sms_words_train$type      No      Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714

```

```
##
##          顺利完成
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          手头
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          活儿
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          摇滚
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          极客
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          小手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          工商大学
## sms_words_train$type          No          Yes
```

```

##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          牵大手
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          税收
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          童心
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          十六
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大清
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          大礼盒
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##

```

##	sms_words_train\$type	No	Yes
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0001587302	0.0001587302
##	1	1.0000000000	0.0028571429
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0000000000	0.0003174603
##	1	1.0014285714	0.0014285714
##			
##			
##			
##	0	1.0001587302	0.0001587302



```

##          1 1.0000000000 0.0028571429
##
##          欧曼
## sms_words_train$type          No          Yes
##          0 1.0001587302 0.0001587302
##          1 1.0000000000 0.0028571429
##
##          中西医
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          实在太
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          火烧云
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          美太美
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          界限
## sms_words_train$type          No          Yes
##          0 1.0000000000 0.0003174603
##          1 1.0014285714 0.0014285714
##
##          一千岁

```

```

## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      两人住
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      天空
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      活到
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      低廉
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      更为
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714
##
##      三把
## sms_words_train$type      No      Yes
##      0 1.0000000000 0.0003174603
##      1 1.0014285714 0.0014285714

```

```
##
##           凭借着
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           剪发
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           扞脚
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           东源
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
##
##           宝用
## sms_words_train$type           No           Yes
##           0 1.0000000000 0.0003174603
##           1 1.0014285714 0.0014285714
```

```
sms_predict <- predict(sms_naiveBayes,sms_corpus_convert_test)
sms_predict
```

```
##      [1] 1 0 0 1 1 1 1 0 1 0 0 0 0 0 1 0 1 1 1 1 1 0 1 0 1 0 0 0 0 1 1 1 0 0 0 1 1
##     [38] 0 1 1 0 0 1 0 1 1 1 0 1 0 0 0 1 1 1 0 0 0 1 0 0 0 1 1 1 0 1 1 0 1 0 0 1 0
##     [75] 0 0 1 0 0 0 0 0 0 0 0 1 0 1 1 0 0 0 0 0 1 1 1 1 0 1 1 0 0 0 1 1 0 0 1 1 0
##    [112] 0 0 0 1 1 0 1 0 0 0 1 0 0 0 1 1 0 0 1 0 1 0 0 1 0 0 1 1 1 0 0 0 1 0 0 1 0
##    [149] 1 0 0 0 1 1 0 1 1 0 1 1 0 1 0 1 0 1 1 0 0 0 1 1 0 0 0 1 1 1 0 1 1 1 0 1 1
```

```
## [186] 1 0 0 0 1 0 1 0 0 1 1 0 1 1 0 0 0 1 1 0 1 1 0 0 1 0 1 0 1 0 0 1 1 0 1 0 0
## [223] 1 0 1 1 0 0 1 1 1 0 1 1 0 1 0 1 1 0 1 1 1 1 0 1 1 0 1 1 0 0 0 1 0 0 1 1
## [260] 1 1 0 1 1 1 0 1 0 0 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 0 0 0 1 0 0 0 0 0
## [297] 1 0 0 0 1 1 1 0 1 1 1 1 1 1 1 1 0 1 0 0 0 0 0 0 0 1 1 1 1 0 0 1 1 1 0 0 0
## [334] 1 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 0 1 1 1 1 0 0 1 1 0 1 1 1 0 0 1 1 0 0 1
## [371] 1 0 1 0 0 0 1 1 1 0 1 0 0 0 0 0 0 0 1 0 1 1 1 1 0 0 0 1 1 0 0 1 1 1 0 1 1
## [408] 1 1 0 0 0 1 1 0 0 0 1 0 1 1 0 1 1 1 0 1 0 0 0 1 1 1 1 1 0 0 0 1 1 1 0 0 0
## [445] 1 1 0 0 0 1 0 0 0 0 0 1 0 0 1 1 0 1 1 1 1 1 0 1 1 0 1 0 1 0 1 0 0 0 1 1 1
## [482] 1 0 0 1 1 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 1 0 0 0 1 1 1 1 1 1 0 1 1 1 0 0 1
## [519] 1 1 0 0 1 1 1 0 1 0 1 0 0 0 1 1 0 1 0 1 1 0 0 1 0 1 1 1 0 1 1 0 0 1 1 1 0
## [556] 0 0 0 1 1 0 1 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 0 0 1 1 0 0 0 0 1 0 1 1 1 0
## [593] 0 1 0 1 0 1 1 1 1 0 0 0 0 0 1 0 0 0 0 0 1 1 1 1 0 0 0 1 0 0 0 0 0 0 0 1 0
## [630] 1 1 1 0 0 1 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 0 1 0 1 1 0 0 0 1 0 1 0 0 1 1
## [667] 0 1 1 0 0 0 1 0 1 1 1 1 1 1 0 1 1 1 0 1 0 1 0 1 0 1 1 1 1 1 0 1 0 0 0 1 1
## [704] 0 0 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 1 0 0 0 0 1 1 1 1 1 0 1 1 1 1 1 0 1 1 0
## [741] 0 0 1 1 0 0 0 1 1 0 0 0 0 0 1 0 1 1 1 0 1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 0
## [778] 1 0 1 0 0 0 0 0 0 0 1 0 1 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 1 1 0 0 1 1 1 0 0
## [815] 1 0 0 0 1 1 1 1 0 0 0 1 1 1 0 1 1 1 1 0 0 0 0 1 0 1 1 0 1 1 0 0 0 1 1 1 0
## [852] 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 0 0 0 1 0 0 0 1 1 1 1 1 1 0 1 0 1 0 0 1 0 1
## [889] 1 1 1 0 0 1 0 1 0 0 1 1 1 0 0 0 0 0 0 1 0 1 0 0 0 1 0 0 1 0 1 0 1 0 0 0 0
## [926] 0 0 1 0 0 1 0 0 1 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 1 1 1 0 1 1 1 0 0
## [963] 1 1 0 0 1 1 0 1 1 0 1 1 1 0 0 1 1 1 1 1 1 0 0 1 1 1 1 0 0 0 1 0 0 0 0 1
## [1000] 0 1 1 0 1 0 0 1 1 1 0 1 0 1 0 0 0 0 0 1 0 0 0 1 0 0 1 1 0 0 1 1 0 0 1 0 0
## [1037] 0 0 0 1 1 0 0 0 0 0 1 1 0 1 0 0 1 0 0 1 0 1 0 0 1 1 1 1 1 1 1 1 1 0 0 1 1
## [1074] 0 0 1 0 0 0 0 1 0 1 0 1 1 0 0 1 1 1 1 0 0 0 1 0 1 0 0 1 0 1 0 1 0 0 0 1 0
## [1111] 1 0 0 1 1 1 1 0 1 0 0 1 0 1 0 1 1 1 1 0 1 0 0 1 0 1 0 1 1 1 0 0 0 0 1 0 0
## [1148] 1 1 0 0 0 0 1 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 1 0 1 1 1 0 0 1 1
## [1185] 0 1 1 1 0 0 0 0 1 0 0 1 1 1 0 0 1 0 0 1 1 0 1 0 1 1 0 0 1 0 0 1 0 0 0 1 1
## [1222] 0 1 0 1 0 0 1 1 0 1 1 1 1 1 0 0 0 1 0 0 0 0 1 1 0 0 0 1 0 0 0 0 1 1 0 0 1
## [1259] 0 0 1 1 1 0 0 0 0 0 1 1 0 0 1 0 0 1 1 1 1 1 0 1 1 1 1 0 0 1 1 1 1 1 1 1 0
## [1296] 0 1 1 1 0 1 1 0 1 0 1 0 1 0 1 1 0 1 0 1 0 0 0 0 0 1 0 0 1 0 0 1 1 0 0 0 0
## [1333] 1 1 0 0 0 1 0 1 0 1 0 0 1 1 1 1 1 1 0 1 0 0 0 1 1 1 0 0 1 0 0 1 0 0 0 0 1
## [1370] 0 0 1 1 0 0 1 1 0 1 1 1 0 0 0 0 0 1 0 1 1 1 1 1 1 0 1 1 0 0 1 0 0 1 0 0 0
```

```
## [1407] 1 1 1 0 1 1 0 0 0 0 1 0 0 0 1 1 1 0 0 0 1 1 0 1 0 0 1 1 1 1 0 1 1 0 0 1 0
## [1444] 0 1 0 0 0 1 0 0 1 1 1 1 1 1 0 0 1 1 0 0 1 1 0 0 0 1 1 1 0 0 1 0 0 0 1 0 1
## [1481] 1 0 1 0 1 0 1 1 1 1 1 0 0 0 1 0 0 0 0 1 1 1 0 1 0 1 0 0 0 0 1 0 1 1 0 0 0
## [1518] 0 0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 1 1 1 1 1 0 0 1 0 1 0
## [1555] 0 1 0 1 0 1 1 1 1 0 1 0 0 0 0 0 0 0 1 1 0 0 0 1 1 0 1 1 1 1 0 1 0 0 1 1 1 0
## [1592] 1 1 1 1 1 0 1 1 0 0 0 0 1 0 1 0 0 0 1 1 0 1 0 1 1 0 1 0 1 1 1 1 1 0 0 1 1
## [1629] 1 0 0 1 1 0 0 0 0 0 0 0 0 0 1 0 0 0 0 1 1 0 1 1 0 0 0 1 0 1 1 0 1 0 1 1 0 0
## [1666] 1 1 0 1 1 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 1 1 1 1 1 1 0 1 1 0 0 0 0 1 1 1 1
## [1703] 1 0 0 0 1 0 1 1 1 0 0 1 1 1 1 1 1 0 0 0 0 0 1 0 1 1 0 0 1 0 1 0 0 0 1 0
## [1740] 0 0 0 0 1 1 1 0 1 0 1 1 0 1 0 1 1 0 0 0 1 0 0 0 1 1 1 0 0 0 1 0 1 0 0 0 0
## [1777] 0 1 0 1 1 1 1 0 1 1 0 0 1 0 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 0 1 0 1 0 0 1 1
## [1814] 0 0 1 0 1 0 0 1 0 1 1 0 1 0 0 0 1 0 0 0 0 0 0 1 1 0 0 1 1 0 1 1 1 1 1 0 0
## [1851] 0 0 1 0 1 0 1 1 0 1 0 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 1 0 0 1 0 0 1 0 1 0
## [1888] 1 1 0 0 1 1 0 0 0 0 1 0 1 0 1 1 1 1 0 0 1 0 1 1 0 1 1 1 0 0 0 1 1 0 0 0 0
## [1925] 1 0 0 0 0 0 0 0 0 1 0 0 1 1 0 1 0 0 0 1 1 1 1 1 1 0 0 0 0 1 0 1 1 0 0 0 0
## [1962] 1 0 0 0 1 0 0 0 0 1 0 1 1 1 0 1 0 0 0 0 1 0 0 1 0 1 0 0 1 1 0 1 0 1 0 0 1
## [1999] 0 0 1 0 0 1 0 1 1 0 0 0 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 0 1 0 1 0 0 0 1 0 1
## [2036] 0 0 0 0 0 0 0 1 1 0 1 0 1 1 1 1 1 1 0 1 1 1 0 0 1 0 0 0 0 1 1 1 1 1 0 0 0
## [2073] 1 0 0 1 1 0 0 0 0 0 0 0 1 0 1 0 0 1 0 0 1 1 0 1 0 0 0 0 0 0 1 0 0 1 0 0 0
## [2110] 1 1 1 1 0 1 0 0 1 0 0 1 1 0 0 1 1 0 1 0 1 1 0 0 0 1 0 1 0 0 0 0 0 0 0 0 0
## [2147] 0 1 1 0 0 1 0 0 0 0 0 0 0 1 0 1 1 0 0 1 1 0 1 0 0 0 1 0 1 1 1 1 1 1 0 1 1
## [2184] 1 1 0 0 0 1 1 0 1 1 1 0 0 1 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 0 0 0 0 0 1 1 1
## [2221] 1 0 0 1 1 1 0 1 1 0 1 0 1 1 0 1 0 0 0 1 1 1 0 1 1 1 1 1 0 1 1 1 0 0 0 1 0
## [2258] 0 0 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 0 1 0 0 0 0 0 0 0 1 0 1 1 0 1 1 0 1
## [2295] 0 0 0 1 0 0 1 0 0 1 1 1 0 1 0 0 0 1 1 0 0 0 1 1 0 1 1 1 1 0 1 1 1 1 0 0 1
## [2332] 1 0 1 0 1 1 1 0 1 0 0 1 0 1 1 1 1 1 0 0 1 0 1 0 0 1 1 0 0 0 0 1 1 1 0 1 0
## [2369] 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 1 1 0 0 0 1 0 0 1 0 0 0 0 0 0 0 0 1 1 0 0 0
## [2406] 1 0 1 1 1 0 1 1 0 1 1 0 0 1 1 1 0 1 0 0 0 0 1 1 0 1 0 1 0 1 0 1 1 1 1 1 0
## [2443] 1 0 0 1 0 1 1 0 0 0 1 0 1 0 0 0 1 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 1 0 0
## [2480] 1 0 1 1 1 1 1 0 1 0 1 1 1 1 0 1 1 1 0 1 0 1 1 0 1 1 0 1 0 1 1 1 0 0 1 1 1
## [2517] 0 1 0 1 0 0 1 0 0 0 0 0 0 0 1 0 1 0 0 0 0 0 0 1 0 1 1 1 1 1 0 0 1 1 1 1
## [2554] 1 0 0 1 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 1 0 0 0 0 0 1 0 0 0 1 1 1 1 1 0 0 1
## [2591] 0 0 0 0 1 0 0 0 1 1 0 1 0 0 1 0 0 0 1 0 1 1 1 0 0 0 1 0 0 1 1 0 0 0 0 1 0
```

```
## [2628] 1 0 0 0 0 0 0 1 0 0 1 0 1 1 0 1 0 0 1 0 1 0 0 0 0 0 1 1 1 0 1 1 0 1 0 0 0
## [2665] 0 0 1 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 0 0 1 0 0 1 1 0 0 0 0 0 0 0 1 1
## [2702] 1 0 0 0 1 0 1 1 0 0 0 0 1 0 0 0 0 1 1 0 0 0 0 1 0 1 0 0 1 1 1 0 1 0 0 0 0
## [2739] 0 1 1 1 1 1 0 0 0 0 0 0 1 1 1 0 1 1 1 0 0 1 0 1 0 1 0 0 1 0 1 1 0 1 1 0 1
## [2776] 0 0 0 1 0 0 1 1 0 0 1 0 1 0 0 1 1 0 0 1 0 0 0 0 1 1 1 0 0 1 1 0 1 0 1 1 0
## [2813] 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 1 1 0 1 0 0 0 0 1 0 1 0 1 1
## [2850] 1 0 1 1 1 1 0 0 1 0 0 1 0 1 0 0 1 0 1 1 1 0 0 1 1 1 0 0 1 0 0 1 0 1 1 0 1
## [2887] 1 1 1 0 0 1 0 0 0 0 0 1 0 1 1 0 1 1 0 1 0 0 1 1 0 0 0 0 1 0 1 0 1 1 0 1 0
## [2924] 1 1 0 0 1 1 1 0 0 0 0 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 0 0 0 1 1 1 1 0 1 1 1
## [2961] 0 0 0 0 0 1 1 1 1 1 0 0 0 0 0 0 1 0 0 0 1 0 1 0 1 1 1 0 1 1 1 1 1 0 1 0 1
## [2998] 0 0 1
## Levels: 0 1
```