

Stabilization Analyses for Strings

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Load libraries

If the libraries are not installed yet, you need to install them using, for example, the command: `install.packages("ggplot2")`. For the Hrate package this is different, since it comes from github. The devtools library needs to be installed, and then the `install_github()` function is used.

```
library(stringr)
library(ggplot2)
library(plyr)
library(entropy)
library(ggExtra)
library(gsubfn)
```

```
## Loading required package: proto
```

```
# library(devtools)
# install_github("dimalik/Hrate")
library(Hrate)
```

List files

Create list with all the files in the directory “corpus”.

```
file.list <- list.files(path = "/home/chris/Github/StringBase/corpus",
                        recursive = T, full.names = T)
#print(file.list)
length(file.list)
```

```
## [1] 251
```

Stabilization analysis per file

```
# set counter
counter = 0
# set the maximal number of units (n), and the stepsize for stabilization analysis
# (i.e. in steps of how many units are values calculated?)
n = 100
stepsize = 10
# initialize dataframe to append results to
stabilization.df <- data.frame(filename = character(0), subcorpus = character(0),
                               code = character(0), huni.strings = numeric(0),
```

```

        hrate.strings = numeric(0), ttr.strings = numeric(0),
        units = numeric(0))

# start time
start_time <- Sys.time()
for (file in file.list)
{
  # basic processing
  # loading textfile
  textfile <- scan(file, what = "char", quote = "", comment.char = "",
    encoding = "UTF-8", sep = " " , skip = 7)
  # remove tabs and parentheses
  textfile <- gsubfn(".", list("\t" = "", "(" = "", ")" = "", "]" = "",
    "[" = "", "}" = "", "{" = ""), textfile)
  # remove annotations marked by '<>'
  textfile <- gsub("<.*>", "", textfile)
  # print(head(textfile))
  # get filename
  filename <- basename(file)
  # print(filename) # for visual inspection
  # get subcorpus category
  subcorpus <- sub("_.*", "", filename)
  # print(subcorpus) # for visual inspection
  # get the three letter identification code + the running number
  code <- substring(substring(filename, regexpr("_", filename) + 1), 1, 8)
  # print(code) # for visual inspection
  # split the textfile into strings delimited by white spaces. The output of strsplit()
  # is a list, so it needs to be "unlisted" to get a vector.
  strings <- unlist(strsplit(textfile, " "))
  strings <- strings[1:n] # use only maximally n units
  strings <- strings[!is.na(strings)] # remove NAs for vectors which are already
  # shorter than n
  # define the number of units (i.e. strings) used for analyses (note that k is always
  # either equal to or smaller than n)
  k = length(strings)
  for (i in 1:(k/stepsize))
  {
    # unigram entropy estimation
    # calculate unigram entropy for white space delimited strings
    # (Maximum Likelihood method)
    strings.df <- as.data.frame(table(strings[1:(i*stepsize)]))
    # print(units.df)
    huni.strings <- entropy(strings.df$Freq, method = "ML", unit = "log2")

    # entropy rate estimation
    # note: the values chosen for max.length and every.word will crucially
    # impact processing time.
    hrate.strings <- get.estimate(text = strings[1:(i*stepsize)], every.word = 1,
      max.length = 100)

    # calculate type-token ratio (ttr)
    ttr.strings <- nrow(strings.df)/sum(strings.df$Freq)
    # append results to dataframe
    local.df <- data.frame(filename, subcorpus, code, huni.strings,

```

```

        hrate.strings, ttr.strings, units = i*stepsize)
stabilization.df <- rbind(stabilization.df, local.df)
}
# counter
counter <- counter + 1
# print(counter)
}
end_time <- Sys.time()
end_time - start_time

```

Time difference of 8.796448 mins

stabilization.df

##	filename	subcorpus	code	huni.strings	hrate.strings
## 1	animal_bhg_0001.txt	animal	bhg_0001	3.3219281	0.4432150
## 2	animal_bhg_0001.txt	animal	bhg_0001	3.8841837	0.7723489
## 3	animal_bhg_0001.txt	animal	bhg_0001	3.8565648	0.9272178
## 4	animal_bhg_0001.txt	animal	bhg_0001	4.0184540	1.1645393
## 5	animal_bhg_0001.txt	animal	bhg_0001	4.0377809	1.2415940
## 6	animal_bhg_0001.txt	animal	bhg_0001	4.0233951	1.3616545
## 7	animal_bhg_0001.txt	animal	bhg_0001	4.0329641	1.4489707
## 8	animal_bhg_0001.txt	animal	bhg_0001	4.0207504	1.5513746
## 9	animal_bhg_0001.txt	animal	bhg_0001	4.0286012	1.5720342
## 10	animal_bhg_0001.txt	animal	bhg_0001	4.0179224	1.5120346
## 11	animal_bhg_0002.txt	animal	bhg_0002	3.3219281	0.4432150
## 12	animal_bhg_0002.txt	animal	bhg_0002	4.0219281	0.7961035
## 13	animal_bhg_0002.txt	animal	bhg_0002	4.1232314	1.0664736
## 14	animal_bhg_0002.txt	animal	bhg_0002	4.1939427	1.3045560
## 15	animal_bhg_0002.txt	animal	bhg_0002	4.3761746	1.5577415
## 16	animal_bhg_0002.txt	animal	bhg_0002	4.4045745	1.6782545
## 17	animal_bhg_0002.txt	animal	bhg_0002	4.4433792	1.7504869
## 18	animal_bhg_0002.txt	animal	bhg_0002	4.4376490	1.8363088
## 19	animal_bhg_0002.txt	animal	bhg_0002	4.4879424	2.0219656
## 20	animal_bhg_0003.txt	animal	bhg_0003	3.3219281	0.4432150
## 21	animal_bhg_0003.txt	animal	bhg_0003	3.5219281	0.6321644
## 22	animal_bhg_0003.txt	animal	bhg_0003	4.0980685	1.0292557
## 23	animal_bhg_0003.txt	animal	bhg_0003	4.2775672	1.2608113
## 24	animal_bhg_0003.txt	animal	bhg_0003	4.3487584	1.5273797
## 25	animal_bhg_0003.txt	animal	bhg_0003	4.2968346	1.7418255
## 26	animal_bhg_0003.txt	animal	bhg_0003	4.2797827	1.8830855
## 27	animal_bhg_0003.txt	animal	bhg_0003	4.3273670	2.0529808
## 28	animal_bhg_0003.txt	animal	bhg_0003	4.3647205	2.1856167
## 29	animal_bhg_0003.txt	animal	bhg_0003	4.3309521	2.1719603
## 30	animal_bhg_0004.txt	animal	bhg_0004	2.3219281	0.3854725
## 31	animal_bhg_0004.txt	animal	bhg_0004	3.4219281	0.6964063
## 32	animal_bhg_0004.txt	animal	bhg_0004	3.4845228	0.9233448
## 33	animal_bhg_0004.txt	animal	bhg_0004	3.5709506	1.1231295
## 34	animal_bhg_0004.txt	animal	bhg_0004	3.8623902	1.4893627
## 35	animal_bhg_0004.txt	animal	bhg_0004	3.7630708	1.6586513
## 36	animal_bhg_0004.txt	animal	bhg_0004	3.8810375	1.9542600
## 37	animal_bhg_0004.txt	animal	bhg_0004	3.9644164	2.1494005
## 38	animal_bhg_0004.txt	animal	bhg_0004	4.0190565	2.3378687
## 39	animal_bhg_0004.txt	animal	bhg_0004	4.0057908	2.3787317
## 40	animal_bhg_0005.txt	animal	bhg_0005	3.3219281	0.4432150

## 41	animal_bhg_0005.txt	animal bhg_0005	3.6219281	0.6933736
## 42	animal_bhg_0005.txt	animal bhg_0005	4.0402239	1.0651827
## 43	animal_bhg_0005.txt	animal bhg_0005	4.3316871	1.4112162
## 44	animal_bhg_0005.txt	animal bhg_0005	4.3104355	1.6329092
## 45	animal_bhg_0005.txt	animal bhg_0005	4.3215670	1.8314740
## 46	animal_bhg_0006.txt	animal bhg_0006	3.3219281	0.4432150
## 47	animal_bhg_0006.txt	animal bhg_0006	3.4464393	0.6543366
## 48	animal_bhg_0006.txt	animal bhg_0006	3.7232314	0.9143725
## 49	animal_bhg_0006.txt	animal bhg_0006	3.7240244	1.0763311
## 50	animal_bhg_0006.txt	animal bhg_0006	4.0480472	1.4060202
## 51	animal_bhg_0006.txt	animal bhg_0006	4.1968346	1.7575697
## 52	animal_bhg_0006.txt	animal bhg_0006	4.3321065	2.0546719
## 53	animal_bhg_0006.txt	animal bhg_0006	4.3548769	2.2712083
## 54	animal_bhg_0006.txt	animal bhg_0006	4.3466577	2.4238208
## 55	animal_bhg_0006.txt	animal bhg_0006	4.3554343	2.4289625
## 56	animal_bhg_0007.txt	animal bhg_0007	3.1219281	0.4332150
## 57	animal_bhg_0007.txt	animal bhg_0007	4.2219281	0.8493551
## 58	animal_bhg_0007.txt	animal bhg_0007	4.6817277	1.2750568
## 59	animal_bhg_0007.txt	animal bhg_0007	4.9341837	1.6920923
## 60	animal_bhg_0007.txt	animal bhg_0007	5.1985629	2.1612540
## 61	animal_bhg_0007.txt	animal bhg_0007	5.2150610	2.4454824
## 62	animal_bhg_0007.txt	animal bhg_0007	5.3540736	2.8328142
## 63	animal_bhg_0007.txt	animal bhg_0007	5.4058754	3.1923464
## 64	animal_bhg_0007.txt	animal bhg_0007	5.4415273	3.4709927
## 65	animal_bhg_0007.txt	animal bhg_0007	5.4651132	3.6081115
## 66	animal_bhg_0008.txt	animal bhg_0008	2.9219281	0.4133286
## 67	animal_bhg_0008.txt	animal bhg_0008	4.0219281	0.8082290
## 68	animal_bhg_0008.txt	animal bhg_0008	4.3898981	1.1825054
## 69	animal_bhg_0008.txt	animal bhg_0008	4.7153115	1.5918147
## 70	animal_bhg_0008.txt	animal bhg_0008	4.8732697	1.9947592
## 71	animal_bhg_0008.txt	animal bhg_0008	4.9045745	2.1216800
## 72	animal_bhg_0008.txt	animal bhg_0008	4.9217212	2.4020496
## 73	animal_bhg_0008.txt	animal bhg_0008	5.0500705	2.7756332
## 74	animal_bhg_0008.txt	animal bhg_0008	5.1819607	3.1748139
## 75	animal_bhg_0008.txt	animal bhg_0008	5.2413078	3.3284878
## 76	animal_bhg_0009.txt	animal bhg_0009	3.1219281	0.4266053
## 77	animal_bhg_0009.txt	animal bhg_0009	3.2464393	0.6555812
## 78	animal_bhg_0009.txt	animal bhg_0009	3.4892464	0.9190261
## 79	animal_bhg_0009.txt	animal bhg_0009	3.3429652	1.1172292
## 80	animal_bhg_0009.txt	animal bhg_0009	3.4679764	1.4368217
## 81	animal_bhg_0009.txt	animal bhg_0009	3.5382408	1.6057312
## 82	animal_bhg_0009.txt	animal bhg_0009	3.6254642	1.7990924
## 83	animal_bhg_0010.txt	animal bhg_0010	2.6464393	0.3957557
## 84	animal_bhg_0010.txt	animal bhg_0010	3.1841837	0.6218564
## 85	animal_bhg_0010.txt	animal bhg_0010	3.7735573	0.9938589
## 86	animal_bhg_0010.txt	animal bhg_0010	4.1316871	1.3765024
## 87	animal_bhg_0010.txt	animal bhg_0010	4.3263701	1.6362054
## 88	animal_bhg_0010.txt	animal bhg_0010	4.5012457	1.9581716
## 89	animal_bhg_0010.txt	animal bhg_0010	4.5270690	2.1751840
## 90	animal_bhg_0010.txt	animal bhg_0010	4.5243473	2.2798729
## 91	animal_bhg_0010.txt	animal bhg_0010	4.5261898	2.4020284
## 92	animal_bhg_0010.txt	animal bhg_0010	4.4892060	2.4297576
## 93	animal_cad_0001.txt	animal cad_0001	2.4464393	0.3924107
## 94	animal_cad_0002.txt	animal cad_0002	3.3219281	0.4432150

## 95	animal_cav_0001.txt	animal cav_0001	3.1219281	0.4273654
## 96	animal_cav_0001.txt	animal cav_0001	3.8219281	0.7592444
## 97	animal_cav_0001.txt	animal cav_0001	4.3735573	1.1473538
## 98	animal_cav_0001.txt	animal cav_0001	4.4316871	1.4529215
## 99	animal_cav_0001.txt	animal cav_0001	4.7716634	1.8938487
## 100	animal_cav_0001.txt	animal cav_0001	4.9549003	2.2430969
## 101	animal_cav_0001.txt	animal cav_0001	5.1596501	2.6641038
## 102	animal_cav_0001.txt	animal cav_0001	5.2546271	3.0299568
## 103	animal_cav_0001.txt	animal cav_0001	5.2152547	3.2473257
## 104	animal_cav_0001.txt	animal cav_0001	5.1135006	3.2416322
## 105	animal_cav_0002.txt	animal cav_0002	2.3219281	0.3687941
## 106	animal_cav_0002.txt	animal cav_0002	3.3841837	0.6988139
## 107	animal_cav_0002.txt	animal cav_0002	3.5110805	0.9498274
## 108	animal_cav_0002.txt	animal cav_0002	4.0750705	1.3583964
## 109	animal_cav_0002.txt	animal cav_0002	4.4312724	1.7629274
## 110	animal_cav_0002.txt	animal cav_0002	4.6630708	2.1304449
## 111	animal_cav_0002.txt	animal cav_0002	4.8523676	2.4964166
## 112	animal_cav_0002.txt	animal cav_0002	5.0439427	2.9265843
## 113	animal_cav_0002.txt	animal cav_0002	5.0456867	3.2186918
## 114	animal_cav_0002.txt	animal cav_0002	4.9849805	3.2629824
## 115	animal_cav_0003.txt	animal cav_0003	2.7219281	0.4062534
## 116	animal_cav_0003.txt	animal cav_0003	3.3841837	0.7030793
## 117	animal_cav_0003.txt	animal cav_0003	3.8314018	1.0553031
## 118	animal_cav_0003.txt	animal cav_0003	3.7337834	1.2710623
## 119	animal_cav_0003.txt	animal cav_0003	3.5300445	1.4376679
## 120	animal_cav_0004.txt	animal cav_0004	2.7500000	0.3569256
## 121	animal_cav_0005.txt	animal cav_0005	1.4854753	0.3288890
## 122	animal_cav_0005.txt	animal cav_0005	1.8464393	0.5021315
## 123	animal_cav_0005.txt	animal cav_0005	2.1950000	0.7397512
## 124	animal_cav_0005.txt	animal cav_0005	3.0002658	1.1201079
## 125	animal_cav_0005.txt	animal cav_0005	3.5465264	1.4961429
## 126	animal_cav_0006.txt	animal cav_0006	1.6854753	0.3605861
## 127	animal_cav_0006.txt	animal cav_0006	1.7822287	0.5327806
## 128	animal_cav_0006.txt	animal cav_0006	1.8892464	0.6684917
## 129	animal_cav_0007.txt	animal cav_0007	2.2464393	0.3725477
## 130	animal_cav_0008.txt	animal cav_0008	3.3219281	0.4432150
## 131	animal_cav_0008.txt	animal cav_0008	3.1086950	0.6327772
## 132	animal_cav_0008.txt	animal cav_0008	3.4980685	0.8867568
## 133	animal_cav_0008.txt	animal cav_0008	3.8184540	1.2100830
## 134	animal_cav_0008.txt	animal cav_0008	4.3459791	1.7047832
## 135	animal_cav_0009.txt	animal cav_0009	3.3219281	0.4432150
## 136	animal_cav_0009.txt	animal cav_0009	4.0219281	0.7887063
## 137	animal_cav_0009.txt	animal cav_0009	4.0565648	1.0221257
## 138	animal_cth_0001.txt	animal cth_0001	2.1709506	0.3846438
## 139	animal_cth_0001.txt	animal cth_0001	2.2709506	0.5531226
## 140	animal_cth_0001.txt	animal cth_0001	2.6225798	0.7977456
## 141	animal_cth_0001.txt	animal cth_0001	2.7124146	0.9909791
## 142	animal_cth_0001.txt	animal cth_0001	2.8140247	1.1522096
## 143	animal_cth_0001.txt	animal cth_0001	3.0049075	1.4093615
## 144	animal_cth_0001.txt	animal cth_0001	3.0039009	1.5572216
## 145	animal_cth_0002.txt	animal cth_0002	2.9219281	0.4125686
## 146	animal_cth_0002.txt	animal cth_0002	3.5414461	0.7465769
## 147	animal_cth_0002.txt	animal cth_0002	3.8266782	1.0673986
## 148	animal_cth_0002.txt	animal cth_0002	3.6639678	1.2678698

## 149	animal_cth_0002.txt	animal cth_0002	3.5461206	1.4452742
## 150	animal_cth_0002.txt	animal cth_0002	3.5362434	1.6029046
## 151	animal_cth_0002.txt	animal cth_0002	3.7171460	1.9412698
## 152	animal_cth_0002.txt	animal cth_0002	3.7769667	2.2304720
## 153	animal_cth_0002.txt	animal cth_0002	3.7272966	2.4288435
## 154	animal_cth_0002.txt	animal cth_0002	3.7503565	2.4583080
## 155	animal_cth_0003.txt	animal cth_0003	2.4464393	0.3907557
## 156	animal_cth_0003.txt	animal cth_0003	3.4464393	0.7265721
## 157	animal_cth_0003.txt	animal cth_0003	3.4565648	0.9688096
## 158	animal_cth_0003.txt	animal cth_0003	3.4439427	1.1644638
## 159	animal_cth_0003.txt	animal cth_0003	3.4525584	1.3176338
## 160	animal_cth_0003.txt	animal cth_0003	3.4419545	1.4937029
## 161	animal_cth_0003.txt	animal cth_0003	3.4357338	1.6449591
## 162	animal_cth_0003.txt	animal cth_0003	3.4476445	1.8399602
## 163	animal_cth_0003.txt	animal cth_0003	3.4553405	1.9753915
## 164	animal_cth_0004.txt	animal cth_0004	2.7219281	0.3925477
## 165	animal_cth_0004.txt	animal cth_0004	2.8709506	0.5995622
## 166	animal_cth_0004.txt	animal cth_0004	2.8037711	0.8020485
## 167	animal_cth_0004.txt	animal cth_0004	2.7481354	0.9775588
## 168	animal_cth_0004.txt	animal cth_0004	3.0159399	1.2756346
## 169	animal_cth_0004.txt	animal cth_0004	2.9841556	1.4708286
## 170	animal_cth_0004.txt	animal cth_0004	3.1296246	1.7325718
## 171	animal_cth_0004.txt	animal cth_0004	3.1383743	1.9392769
## 172	animal_cth_0004.txt	animal cth_0004	3.1499008	2.1161683
## 173	animal_cth_0004.txt	animal cth_0004	3.2464991	2.1427511
## 174	animal_cth_0005.txt	animal cth_0005	2.4464393	0.3910960
## 175	animal_cth_0005.txt	animal cth_0005	3.1086950	0.6508883
## 176	animal_cth_0005.txt	animal cth_0005	3.7395723	1.0188148
## 177	animal_cth_0005.txt	animal cth_0005	3.8495818	1.2479646
## 178	animal_cth_0005.txt	animal cth_0005	4.2239818	1.6450914
## 179	animal_cth_0005.txt	animal cth_0005	4.3746879	1.9972936
## 180	animal_cth_0005.txt	animal cth_0005	4.4801125	2.2223596
## 181	animal_cth_0005.txt	animal cth_0005	4.6493473	2.5672525
## 182	animal_cth_0005.txt	animal cth_0005	4.8538964	3.0085859
## 183	animal_cth_0005.txt	animal cth_0005	4.8570132	3.0610274
## 184	animal_cth_0006.txt	animal cth_0006	1.8464393	0.3669813
## 185	animal_cth_0006.txt	animal cth_0006	2.7464393	0.6235783
## 186	animal_cth_0006.txt	animal cth_0006	3.3898981	0.9278610
## 187	animal_cth_0006.txt	animal cth_0006	3.8775672	1.3358961
## 188	animal_cth_0006.txt	animal cth_0006	4.2581719	1.7226905
## 189	animal_cth_0006.txt	animal cth_0006	4.5188204	2.0648604
## 190	animal_cth_0006.txt	animal cth_0006	4.5896482	2.3705692
## 191	animal_cth_0006.txt	animal cth_0006	4.6701910	2.6311601
## 192	animal_cth_0006.txt	animal cth_0006	4.6375861	2.7891230
## 193	animal_cth_0006.txt	animal cth_0006	4.6362728	2.8191248
## 194	animal_cth_0007.txt	animal cth_0007	2.4464393	0.3835109
## 195	animal_cth_0007.txt	animal cth_0007	3.3841837	0.7229476
## 196	animal_cth_0007.txt	animal cth_0007	3.8565648	1.0762665
## 197	animal_cth_0007.txt	animal cth_0007	4.1964393	1.4324317
## 198	animal_cth_0007.txt	animal cth_0007	4.3839818	1.7877136
## 199	animal_cth_0007.txt	animal cth_0007	4.3611395	2.0074450
## 200	animal_cth_0007.txt	animal cth_0007	4.4918634	2.3140553
## 201	animal_cth_0007.txt	animal cth_0007	4.7108777	2.7201572
## 202	animal_cth_0007.txt	animal cth_0007	4.8514206	3.0916099

## 203	animal_cth_0007.txt	animal cth_0007	4.8417553	3.1410194
## 204	animal_cth_0008.txt	animal cth_0008	1.9709506	0.3473696
## 205	animal_cth_0008.txt	animal cth_0008	3.1219281	0.6808451
## 206	animal_cth_0008.txt	animal cth_0008	3.5735573	0.9700305
## 207	animal_cth_0008.txt	animal cth_0008	4.0841837	1.3860090
## 208	animal_cth_0008.txt	animal cth_0008	4.1104355	1.6193595
## 209	animal_cth_0008.txt	animal cth_0008	4.0348486	1.7725211
## 210	animal_cth_0008.txt	animal cth_0008	4.1999748	2.1114888
## 211	animal_cth_0008.txt	animal cth_0008	4.5493473	2.6219893
## 212	animal_cth_0008.txt	animal cth_0008	4.6928939	2.9520052
## 213	animal_cth_0008.txt	animal cth_0008	4.7190812	2.9572547
## 214	animal_cth_0009.txt	animal cth_0009	0.4689956	0.3164887
## 215	animal_cth_0009.txt	animal cth_0009	2.5954618	0.6712773
## 216	animal_cth_0009.txt	animal cth_0009	3.4389206	1.0554748
## 217	animal_cth_0009.txt	animal cth_0009	3.7307096	1.3528621
## 218	animal_cth_0009.txt	animal cth_0009	4.1957836	1.7939252
## 219	animal_cth_0009.txt	animal cth_0009	4.4750005	2.1746709
## 220	animal_cth_0009.txt	animal cth_0009	4.5553107	2.4641593
## 221	animal_cth_0009.txt	animal cth_0009	4.6651457	2.7879149
## 222	animal_cth_0009.txt	animal cth_0009	4.8096604	3.1447554
## 223	animal_cth_0009.txt	animal cth_0009	4.9023339	3.3259938
## 224	animal_cth_0010.txt	animal cth_0010	1.9709506	0.3321280
## 225	animal_cth_0010.txt	animal cth_0010	2.7954618	0.5932812
## 226	animal_cth_0010.txt	animal cth_0010	3.4355917	0.9411296
## 227	animal_cth_0010.txt	animal cth_0010	3.9307096	1.3154842
## 228	animal_cth_0010.txt	animal cth_0010	4.0712724	1.5957193
## 229	animal_cth_0010.txt	animal cth_0010	4.1984990	1.8905832
## 230	animal_cth_0010.txt	animal cth_0010	4.1748544	2.0815445
## 231	animal_cth_0010.txt	animal cth_0010	4.1834948	2.2958399
## 232	animal_cth_0010.txt	animal cth_0010	4.1701979	2.4514101
## 233	animal_cth_0010.txt	animal cth_0010	4.1307229	2.3795656
## 234	animal_cth_0011.txt	animal cth_0011	2.0464393	0.3773514
## 235	animal_cth_0011.txt	animal cth_0011	3.2464393	0.7084982
## 236	animal_cth_0011.txt	animal cth_0011	3.6980685	1.0099542
## 237	animal_cth_0011.txt	animal cth_0011	4.0153115	1.3417444
## 238	animal_cth_0011.txt	animal cth_0011	4.3585629	1.7460293
## 239	animal_cth_0011.txt	animal cth_0011	4.3439833	1.9652056
## 240	animal_cth_0011.txt	animal cth_0011	4.3395086	2.1797906
## 241	animal_cth_0011.txt	animal cth_0011	4.5370033	2.5493132
## 242	animal_cth_0011.txt	animal cth_0011	4.7052532	2.8588705
## 243	animal_cth_0011.txt	animal cth_0011	4.6603365	2.8996348
## 244	animal_zfi_0001.txt	animal zfi_0001	2.9219281	0.4107557
## 245	natural_dna_0001.txt	natural dna_0001	3.3219281	0.4432150
## 246	natural_dna_0001.txt	natural dna_0001	4.3219281	0.8593551
## 247	natural_dna_0001.txt	natural dna_0001	4.9068906	1.3374042
## 248	natural_dna_0001.txt	natural dna_0001	5.3219281	1.8571330
## 249	natural_dna_0001.txt	natural dna_0001	5.6438562	2.4078316
## 250	natural_dna_0001.txt	natural dna_0001	5.9068906	2.9823942
## 251	natural_dna_0001.txt	natural dna_0001	6.1292830	3.5750022
## 252	natural_dna_0001.txt	natural dna_0001	6.3219281	4.1791088
## 253	natural_dna_0001.txt	natural dna_0001	6.4918531	4.7816731
## 254	natural_dna_0001.txt	natural dna_0001	6.6438562	5.2476499
## 255	natural_dna_0002.txt	natural dna_0002	3.3219281	0.4432150
## 256	natural_dna_0002.txt	natural dna_0002	4.3219281	0.8593551

## 257	natural_dna_0002.txt	natural dna_0002	4.9068906	1.3374042
## 258	natural_dna_0002.txt	natural dna_0002	5.3219281	1.8571330
## 259	natural_dna_0002.txt	natural dna_0002	5.6438562	2.4078316
## 260	natural_dna_0002.txt	natural dna_0002	5.9068906	2.9823942
## 261	natural_dna_0002.txt	natural dna_0002	6.1292830	3.5750022
## 262	natural_dna_0002.txt	natural dna_0002	6.3219281	4.1791088
## 263	natural_dna_0002.txt	natural dna_0002	6.4918531	4.7816731
## 264	natural_dna_0002.txt	natural dna_0002	6.6438562	5.2476499
## 265	natural_dna_0003.txt	natural dna_0003	2.5219281	0.3965745
## 266	natural_dna_0003.txt	natural dna_0003	3.9219281	0.8127146
## 267	natural_dna_0003.txt	natural dna_0003	4.6402239	1.2907636
## 268	natural_dna_0003.txt	natural dna_0003	5.1219281	1.8104925
## 269	natural_dna_0003.txt	natural dna_0003	5.4838562	2.3611911
## 270	natural_dna_0003.txt	natural dna_0003	5.7735573	2.9357537
## 271	natural_dna_0003.txt	natural dna_0003	5.7864259	3.3628071
## 272	natural_dna_0003.txt	natural dna_0003	5.4533422	3.5489062
## 273	natural_dna_0003.txt	natural dna_0003	5.6578681	4.0987499
## 274	natural_dna_0003.txt	natural dna_0003	5.8932697	4.5647268
## 275	natural_dna_0004.txt	natural dna_0004	3.3219281	0.4432150
## 276	natural_dna_0004.txt	natural dna_0004	4.3219281	0.8593551
## 277	natural_dna_0004.txt	natural dna_0004	4.9068906	1.3374042
## 278	natural_dna_0004.txt	natural dna_0004	5.3219281	1.8571330
## 279	natural_dna_0004.txt	natural dna_0004	5.6438562	2.4078316
## 280	natural_dna_0004.txt	natural dna_0004	5.9068906	2.9823942
## 281	natural_dna_0004.txt	natural dna_0004	6.1292830	3.5750022
## 282	natural_dna_0004.txt	natural dna_0004	6.3219281	4.1791088
## 283	natural_dna_0004.txt	natural dna_0004	6.4918531	4.7816731
## 284	natural_dna_0004.txt	natural dna_0004	6.6438562	5.2476499
## 285	natural_dna_0005.txt	natural dna_0005	3.3219281	0.4432150
## 286	natural_dna_0005.txt	natural dna_0005	4.3219281	0.8593551
## 287	natural_dna_0005.txt	natural dna_0005	4.9068906	1.3374042
## 288	natural_dna_0005.txt	natural dna_0005	5.3219281	1.8571330
## 289	natural_dna_0005.txt	natural dna_0005	5.6438562	2.4078316
## 290	natural_dna_0005.txt	natural dna_0005	5.9068906	2.9823942
## 291	natural_dna_0005.txt	natural dna_0005	6.1292830	3.5750022
## 292	natural_dna_0005.txt	natural dna_0005	6.3219281	4.1791088
## 293	natural_dna_0005.txt	natural dna_0005	6.4918531	4.7816731
## 294	natural_dna_0005.txt	natural dna_0005	6.6438562	5.2476499
## 295	natural_dna_0006.txt	natural dna_0006	3.3219281	0.4432150
## 296	natural_dna_0006.txt	natural dna_0006	4.3219281	0.8593551
## 297	natural_dna_0006.txt	natural dna_0006	4.9068906	1.3374042
## 298	natural_dna_0006.txt	natural dna_0006	5.3219281	1.8571330
## 299	natural_dna_0006.txt	natural dna_0006	5.6438562	2.4078316
## 300	natural_dna_0006.txt	natural dna_0006	5.9068906	2.9823942
## 301	natural_dna_0006.txt	natural dna_0006	6.1292830	3.5750022
## 302	natural_dna_0006.txt	natural dna_0006	6.3219281	4.1791088
## 303	natural_dna_0006.txt	natural dna_0006	6.4918531	4.7816731
## 304	natural_dna_0006.txt	natural dna_0006	6.6438562	5.2476499
## 305	natural_dna_0007.txt	natural dna_0007	3.3219281	0.4432150
## 306	natural_dna_0007.txt	natural dna_0007	4.3219281	0.8593551
## 307	natural_dna_0007.txt	natural dna_0007	4.9068906	1.3374042
## 308	natural_dna_0007.txt	natural dna_0007	5.3219281	1.8571330
## 309	natural_dna_0007.txt	natural dna_0007	5.6438562	2.4078316
## 310	natural_dna_0007.txt	natural dna_0007	5.9068906	2.9823942

## 311	natural_dna_0007.txt	natural dna_0007	6.1292830	3.5750022
## 312	natural_dna_0007.txt	natural dna_0007	6.3219281	4.1791088
## 313	natural_dna_0007.txt	natural dna_0007	6.4918531	4.7816731
## 314	natural_dna_0007.txt	natural dna_0007	6.6438562	5.2476499
## 315	natural_dna_0008.txt	natural dna_0008	3.3219281	0.4432150
## 316	natural_dna_0008.txt	natural dna_0008	4.3219281	0.8593551
## 317	natural_dna_0008.txt	natural dna_0008	4.9068906	1.3374042
## 318	natural_dna_0008.txt	natural dna_0008	5.3219281	1.8571330
## 319	natural_dna_0008.txt	natural dna_0008	5.6438562	2.4078316
## 320	natural_dna_0008.txt	natural dna_0008	5.9068906	2.9823942
## 321	natural_dna_0008.txt	natural dna_0008	6.1292830	3.5750022
## 322	natural_dna_0008.txt	natural dna_0008	6.3219281	4.1791088
## 323	natural_dna_0008.txt	natural dna_0008	6.4918531	4.7816731
## 324	natural_dna_0008.txt	natural dna_0008	6.6438562	5.2476499
## 325	natural_dna_0009.txt	natural dna_0009	3.3219281	0.4432150
## 326	natural_dna_0009.txt	natural dna_0009	4.3219281	0.8593551
## 327	natural_dna_0009.txt	natural dna_0009	4.9068906	1.3374042
## 328	natural_dna_0009.txt	natural dna_0009	5.3219281	1.8571330
## 329	natural_dna_0009.txt	natural dna_0009	5.6438562	2.4078316
## 330	natural_dna_0009.txt	natural dna_0009	5.9068906	2.9823942
## 331	natural_dna_0009.txt	natural dna_0009	6.1292830	3.5750022
## 332	natural_dna_0009.txt	natural dna_0009	6.3219281	4.1791088
## 333	natural_dna_0009.txt	natural dna_0009	6.4918531	4.7816731
## 334	natural_dna_0009.txt	natural dna_0009	6.6438562	5.2476499
## 335	natural_dna_0010.txt	natural dna_0010	3.3219281	0.4432150
## 336	natural_dna_0010.txt	natural dna_0010	4.3219281	0.8593551
## 337	natural_dna_0010.txt	natural dna_0010	4.9068906	1.3374042
## 338	natural_dna_0010.txt	natural dna_0010	5.3219281	1.8571330
## 339	natural_dna_0010.txt	natural dna_0010	5.6438562	2.4078316
## 340	natural_dna_0010.txt	natural dna_0010	5.9068906	2.9823942
## 341	natural_dna_0010.txt	natural dna_0010	6.1292830	3.5750022
## 342	natural_dna_0010.txt	natural dna_0010	6.3219281	4.1791088
## 343	natural_dna_0010.txt	natural dna_0010	6.4918531	4.7816731
## 344	natural_dna_0010.txt	natural dna_0010	6.6438562	5.2476499
## 345	natural_dna_0011.txt	natural dna_0011	3.3219281	0.4432150
## 346	natural_dna_0011.txt	natural dna_0011	4.3219281	0.8593551
## 347	natural_dna_0011.txt	natural dna_0011	4.9068906	1.3374042
## 348	natural_dna_0011.txt	natural dna_0011	5.3219281	1.8571330
## 349	natural_dna_0011.txt	natural dna_0011	5.6438562	2.4078316
## 350	natural_dna_0011.txt	natural dna_0011	5.9068906	2.9823942
## 351	natural_dna_0011.txt	natural dna_0011	6.1292830	3.5750022
## 352	natural_dna_0011.txt	natural dna_0011	6.3219281	4.1791088
## 353	natural_dna_0011.txt	natural dna_0011	6.4918531	4.7816731
## 354	natural_dna_0011.txt	natural dna_0011	6.6238562	5.2147251
## 355	natural_dna_0012.txt	natural dna_0012	3.3219281	0.4432150
## 356	natural_dna_0012.txt	natural dna_0012	4.3219281	0.8593551
## 357	natural_dna_0012.txt	natural dna_0012	4.9068906	1.3374042
## 358	natural_dna_0012.txt	natural dna_0012	5.3219281	1.8571330
## 359	natural_dna_0012.txt	natural dna_0012	5.6438562	2.4078316
## 360	natural_dna_0012.txt	natural dna_0012	5.9068906	2.9823942
## 361	natural_dna_0012.txt	natural dna_0012	6.1292830	3.5750022
## 362	natural_dna_0012.txt	natural dna_0012	6.3219281	4.1791088
## 363	natural_dna_0012.txt	natural dna_0012	6.4918531	4.7816731
## 364	natural_dna_0012.txt	natural dna_0012	6.6438562	5.2476499

## 365	natural_dna_0013.txt	natural dna_0013	3.3219281	0.4432150
## 366	natural_dna_0013.txt	natural dna_0013	4.3219281	0.8593551
## 367	natural_dna_0013.txt	natural dna_0013	4.9068906	1.3374042
## 368	natural_dna_0013.txt	natural dna_0013	5.3219281	1.8571330
## 369	natural_dna_0013.txt	natural dna_0013	5.6438562	2.4078316
## 370	natural_dna_0013.txt	natural dna_0013	5.9068906	2.9823942
## 371	natural_dna_0013.txt	natural dna_0013	6.1292830	3.5750022
## 372	natural_dna_0013.txt	natural dna_0013	6.3219281	4.1791088
## 373	natural_dna_0013.txt	natural dna_0013	6.4918531	4.7816731
## 374	natural_dna_0013.txt	natural dna_0013	6.6438562	5.2476499
## 375	natural_dna_0014.txt	natural dna_0014	3.3219281	0.4432150
## 376	natural_dna_0014.txt	natural dna_0014	4.3219281	0.8593551
## 377	natural_dna_0014.txt	natural dna_0014	4.9068906	1.3374042
## 378	natural_dna_0014.txt	natural dna_0014	5.3219281	1.8571330
## 379	natural_dna_0014.txt	natural dna_0014	5.6438562	2.4078316
## 380	natural_dna_0014.txt	natural dna_0014	5.9068906	2.9823942
## 381	natural_dna_0014.txt	natural dna_0014	6.1292830	3.5750022
## 382	natural_dna_0014.txt	natural dna_0014	6.3219281	4.1791088
## 383	natural_dna_0014.txt	natural dna_0014	6.4918531	4.7816731
## 384	natural_dna_0014.txt	natural dna_0014	6.6438562	5.2476499
## 385	natural_dna_0015.txt	natural dna_0015	3.3219281	0.4432150
## 386	natural_dna_0015.txt	natural dna_0015	4.3219281	0.8593551
## 387	natural_dna_0015.txt	natural dna_0015	4.9068906	1.3374042
## 388	natural_dna_0015.txt	natural dna_0015	5.3219281	1.8571330
## 389	natural_dna_0015.txt	natural dna_0015	5.6438562	2.4078316
## 390	natural_dna_0015.txt	natural dna_0015	5.9068906	2.9823942
## 391	natural_dna_0015.txt	natural dna_0015	6.1292830	3.5750022
## 392	natural_dna_0015.txt	natural dna_0015	6.3219281	4.1791088
## 393	natural_dna_0015.txt	natural dna_0015	6.4918531	4.7816731
## 394	natural_dna_0015.txt	natural dna_0015	6.6438562	5.2476499
## 395	natural_dna_0016.txt	natural dna_0016	3.3219281	0.4432150
## 396	natural_dna_0016.txt	natural dna_0016	4.3219281	0.8593551
## 397	natural_dna_0016.txt	natural dna_0016	4.9068906	1.3374042
## 398	natural_dna_0016.txt	natural dna_0016	5.3219281	1.8571330
## 399	natural_dna_0016.txt	natural dna_0016	5.6438562	2.4078316
## 400	natural_dna_0016.txt	natural dna_0016	5.9068906	2.9823942
## 401	natural_dna_0016.txt	natural dna_0016	6.1292830	3.5750022
## 402	natural_dna_0016.txt	natural dna_0016	6.3219281	4.1791088
## 403	natural_dna_0016.txt	natural dna_0016	6.4918531	4.7816731
## 404	natural_dna_0016.txt	natural dna_0016	6.6438562	5.2476499
## 405	natural_dna_0017.txt	natural dna_0017	3.3219281	0.4432150
## 406	natural_dna_0017.txt	natural dna_0017	4.3219281	0.8593551
## 407	natural_dna_0017.txt	natural dna_0017	4.9068906	1.3374042
## 408	natural_dna_0017.txt	natural dna_0017	5.3219281	1.8571330
## 409	natural_dna_0017.txt	natural dna_0017	5.6438562	2.4078316
## 410	natural_dna_0017.txt	natural dna_0017	5.9068906	2.9823942
## 411	natural_dna_0017.txt	natural dna_0017	6.1292830	3.5750022
## 412	natural_dna_0017.txt	natural dna_0017	6.3219281	4.1791088
## 413	natural_dna_0017.txt	natural dna_0017	6.4918531	4.7816731
## 414	natural_dna_0017.txt	natural dna_0017	6.6438562	5.2476499
## 415	natural_dna_0018.txt	natural dna_0018	3.3219281	0.4432150
## 416	natural_dna_0018.txt	natural dna_0018	4.3219281	0.8593551
## 417	natural_dna_0018.txt	natural dna_0018	4.9068906	1.3374042
## 418	natural_dna_0018.txt	natural dna_0018	5.3219281	1.8571330

## 419	natural_dna_0018.txt	natural dna_0018	5.6438562	2.4078316
## 420	natural_dna_0018.txt	natural dna_0018	5.9068906	2.9823942
## 421	natural_dna_0018.txt	natural dna_0018	6.1292830	3.5750022
## 422	natural_dna_0018.txt	natural dna_0018	6.3219281	4.1791088
## 423	natural_dna_0018.txt	natural dna_0018	6.4918531	4.7816731
## 424	natural_dna_0018.txt	natural dna_0018	6.6438562	5.2476499
## 425	natural_dna_0019.txt	natural dna_0019	3.3219281	0.4432150
## 426	natural_dna_0019.txt	natural dna_0019	4.3219281	0.8593551
## 427	natural_dna_0019.txt	natural dna_0019	4.9068906	1.3374042
## 428	natural_dna_0019.txt	natural dna_0019	5.3219281	1.8571330
## 429	natural_dna_0019.txt	natural dna_0019	5.6438562	2.4078316
## 430	natural_dna_0019.txt	natural dna_0019	5.9068906	2.9823942
## 431	natural_dna_0019.txt	natural dna_0019	6.1292830	3.5750022
## 432	natural_dna_0019.txt	natural dna_0019	6.3219281	4.1791088
## 433	natural_dna_0019.txt	natural dna_0019	6.4918531	4.7816731
## 434	natural_dna_0019.txt	natural dna_0019	6.6438562	5.2476499
## 435	natural_dna_0020.txt	natural dna_0020	3.3219281	0.4432150
## 436	natural_dna_0020.txt	natural dna_0020	4.3219281	0.8593551
## 437	natural_dna_0020.txt	natural dna_0020	4.9068906	1.3374042
## 438	natural_dna_0020.txt	natural dna_0020	5.3219281	1.8571330
## 439	natural_dna_0020.txt	natural dna_0020	5.6038562	2.3797581
## 440	natural_dna_0020.txt	natural dna_0020	5.8402239	2.9247862
## 441	natural_dna_0020.txt	natural dna_0020	6.0721402	3.5173942
## 442	natural_dna_0020.txt	natural dna_0020	6.2719281	4.1215008
## 443	natural_dna_0020.txt	natural dna_0020	6.4474087	4.7240651
## 444	natural_dna_0020.txt	natural dna_0020	6.6038562	5.1900419
## 445	natural_dna_0021.txt	natural dna_0021	3.3219281	0.4432150
## 446	natural_dna_0021.txt	natural dna_0021	4.3219281	0.8593551
## 447	natural_dna_0021.txt	natural dna_0021	4.9068906	1.3374042
## 448	natural_dna_0021.txt	natural dna_0021	5.3219281	1.8571330
## 449	natural_dna_0021.txt	natural dna_0021	5.6438562	2.4078316
## 450	natural_dna_0021.txt	natural dna_0021	5.9068906	2.9823942
## 451	natural_dna_0021.txt	natural dna_0021	6.1292830	3.5750022
## 452	natural_dna_0021.txt	natural dna_0021	6.3219281	4.1791088
## 453	natural_dna_0021.txt	natural dna_0021	6.4918531	4.7816731
## 454	natural_dna_0021.txt	natural dna_0021	6.6438562	5.2476499
## 455	natural_dna_0022.txt	natural dna_0022	3.3219281	0.4432150
## 456	natural_dna_0022.txt	natural dna_0022	3.9219281	0.7912557
## 457	natural_dna_0022.txt	natural dna_0022	4.6402239	1.2693048
## 458	natural_dna_0022.txt	natural dna_0022	5.1219281	1.7890337
## 459	natural_dna_0022.txt	natural dna_0022	5.4838562	2.3397323
## 460	natural_dna_0022.txt	natural dna_0022	5.7735573	2.9142949
## 461	natural_dna_0022.txt	natural dna_0022	6.0149973	3.5069028
## 462	natural_dna_0022.txt	natural dna_0022	6.2219281	4.1110094
## 463	natural_dna_0022.txt	natural dna_0022	6.4029642	4.7135737
## 464	natural_dna_0022.txt	natural dna_0022	6.5638562	5.1795506
## 465	natural_dna_0023.txt	natural dna_0023	3.3219281	0.4432150
## 466	natural_dna_0023.txt	natural dna_0023	4.3219281	0.8593551
## 467	natural_dna_0023.txt	natural dna_0023	4.9068906	1.3374042
## 468	natural_dna_0023.txt	natural dna_0023	5.3219281	1.8571330
## 469	natural_dna_0023.txt	natural dna_0023	4.9794706	2.0618101
## 470	natural_dna_0023.txt	natural dna_0023	4.4662479	2.1297241
## 471	natural_dna_0023.txt	natural dna_0023	4.7277474	2.6143964
## 472	natural_dna_0023.txt	natural dna_0023	4.8707230	3.0977275

## 473	natural_dna_0023.txt	natural dna_0023	5.1339483	3.6496602
## 474	natural_dna_0023.txt	natural dna_0023	5.4217419	4.1156371
## 475	natural_dna_0024.txt	natural dna_0024	3.3219281	0.4432150
## 476	natural_dna_0024.txt	natural dna_0024	4.3219281	0.8593551
## 477	natural_dna_0024.txt	natural dna_0024	4.9068906	1.3374042
## 478	natural_dna_0024.txt	natural dna_0024	5.3219281	1.8571330
## 479	natural_dna_0024.txt	natural dna_0024	5.6438562	2.4078316
## 480	natural_dna_0024.txt	natural dna_0024	5.9068906	2.9823942
## 481	natural_dna_0024.txt	natural dna_0024	6.1292830	3.5750022
## 482	natural_dna_0024.txt	natural dna_0024	6.3219281	4.1791088
## 483	natural_dna_0024.txt	natural dna_0024	6.4918531	4.7816731
## 484	natural_dna_0024.txt	natural dna_0024	6.6438562	5.2476499
## 485	natural_dna_0025.txt	natural dna_0025	3.3219281	0.4432150
## 486	natural_dna_0025.txt	natural dna_0025	4.3219281	0.8593551
## 487	natural_dna_0025.txt	natural dna_0025	4.9068906	1.3374042
## 488	natural_dna_0025.txt	natural dna_0025	5.3219281	1.8571330
## 489	natural_dna_0025.txt	natural dna_0025	5.6438562	2.4078316
## 490	natural_dna_0025.txt	natural dna_0025	5.9068906	2.9823942
## 491	natural_dna_0025.txt	natural dna_0025	6.1292830	3.5750022
## 492	natural_dna_0025.txt	natural dna_0025	6.3219281	4.1791088
## 493	natural_dna_0025.txt	natural dna_0025	6.4918531	4.7816731
## 494	natural_dna_0025.txt	natural dna_0025	6.6438562	5.2476499
## 495	natural_dna_0026.txt	natural dna_0026	3.3219281	0.4432150
## 496	natural_dna_0026.txt	natural dna_0026	4.3219281	0.8593551
## 497	natural_dna_0026.txt	natural dna_0026	4.9068906	1.3374042
## 498	natural_dna_0026.txt	natural dna_0026	5.3219281	1.8571330
## 499	natural_dna_0026.txt	natural dna_0026	5.6438562	2.4078316
## 500	natural_dna_0026.txt	natural dna_0026	5.9068906	2.9823942
## 501	natural_dna_0026.txt	natural dna_0026	6.1292830	3.5750022
## 502	natural_dna_0026.txt	natural dna_0026	6.3219281	4.1791088
## 503	natural_dna_0026.txt	natural dna_0026	6.4918531	4.7816731
## 504	natural_dna_0026.txt	natural dna_0026	6.6438562	5.2476499
## 505	natural_dna_0027.txt	natural dna_0027	3.3219281	0.4432150
## 506	natural_dna_0027.txt	natural dna_0027	4.3219281	0.8593551
## 507	natural_dna_0027.txt	natural dna_0027	4.9068906	1.3374042
## 508	natural_dna_0027.txt	natural dna_0027	5.3219281	1.8571330
## 509	natural_dna_0027.txt	natural dna_0027	5.6438562	2.4078316
## 510	natural_dna_0027.txt	natural dna_0027	5.9068906	2.9823942
## 511	natural_dna_0027.txt	natural dna_0027	6.1292830	3.5750022
## 512	natural_dna_0027.txt	natural dna_0027	6.3219281	4.1791088
## 513	natural_dna_0027.txt	natural dna_0027	6.4918531	4.7816731
## 514	natural_dna_0027.txt	natural dna_0027	6.6438562	5.2476499
## 515	natural_dna_0028.txt	natural dna_0028	3.3219281	0.4432150
## 516	natural_dna_0028.txt	natural dna_0028	4.3219281	0.8593551
## 517	natural_dna_0028.txt	natural dna_0028	4.9068906	1.3374042
## 518	natural_dna_0028.txt	natural dna_0028	5.3219281	1.8571330
## 519	natural_dna_0028.txt	natural dna_0028	5.6438562	2.4078316
## 520	natural_dna_0028.txt	natural dna_0028	5.9068906	2.9823942
## 521	natural_dna_0028.txt	natural dna_0028	6.1292830	3.5750022
## 522	natural_dna_0028.txt	natural dna_0028	6.3219281	4.1791088
## 523	natural_dna_0028.txt	natural dna_0028	6.4918531	4.7816731
## 524	natural_dna_0028.txt	natural dna_0028	6.6438562	5.2476499
## 525	natural_dna_0029.txt	natural dna_0029	3.3219281	0.4432150
## 526	natural_dna_0029.txt	natural dna_0029	4.3219281	0.8593551

## 527	natural_dna_0029.txt	natural dna_0029	4.9068906	1.3374042
## 528	natural_dna_0029.txt	natural dna_0029	5.3219281	1.8571330
## 529	natural_dna_0029.txt	natural dna_0029	5.6438562	2.4078316
## 530	natural_dna_0029.txt	natural dna_0029	5.9068906	2.9823942
## 531	natural_dna_0029.txt	natural dna_0029	6.1292830	3.5750022
## 532	natural_dna_0029.txt	natural dna_0029	6.3219281	4.1791088
## 533	natural_dna_0029.txt	natural dna_0029	6.4918531	4.7816731
## 534	natural_dna_0029.txt	natural dna_0029	6.6438562	5.2476499
## 535	natural_dna_0030.txt	natural dna_0030	3.3219281	0.4432150
## 536	natural_dna_0030.txt	natural dna_0030	4.3219281	0.8593551
## 537	natural_dna_0030.txt	natural dna_0030	4.9068906	1.3374042
## 538	natural_dna_0030.txt	natural dna_0030	5.3219281	1.8571330
## 539	natural_dna_0030.txt	natural dna_0030	5.6438562	2.4078316
## 540	natural_dna_0030.txt	natural dna_0030	5.9068906	2.9823942
## 541	natural_dna_0030.txt	natural dna_0030	6.1292830	3.5750022
## 542	natural_dna_0030.txt	natural dna_0030	6.3219281	4.1791088
## 543	natural_dna_0030.txt	natural dna_0030	6.4918531	4.7816731
## 544	natural_dna_0030.txt	natural dna_0030	6.6438562	5.2476499
## 545	nonwriting_moc_0001.txt	nonwriting moc_0001	2.7219281	0.3928896
## 546	nonwriting_moc_0001.txt	nonwriting moc_0001	3.3841837	0.6976224
## 547	nonwriting_moc_0001.txt	nonwriting moc_0001	3.6729056	1.0278058
## 548	nonwriting_moc_0001.txt	nonwriting moc_0001	3.8051522	1.3341013
## 549	nonwriting_moc_0001.txt	nonwriting moc_0001	3.7655881	1.5913168
## 550	nonwriting_moc_0001.txt	nonwriting moc_0001	3.8737666	1.8957558
## 551	nonwriting_moc_0001.txt	nonwriting moc_0001	3.9189682	2.2176860
## 552	nonwriting_moc_0001.txt	nonwriting moc_0001	3.9556021	2.5101590
## 553	nonwriting_moc_0001.txt	nonwriting moc_0001	3.9476199	2.6713638
## 554	nonwriting_moc_0001.txt	nonwriting moc_0001	4.0062117	2.7756067
## 555	nonwriting_moc_0002.txt	nonwriting moc_0002	3.1219281	0.4273654
## 556	nonwriting_moc_0002.txt	nonwriting moc_0002	3.0841837	0.6369421
## 557	nonwriting_moc_0002.txt	nonwriting moc_0002	3.5777472	0.9668072
## 558	nonwriting_moc_0002.txt	nonwriting moc_0002	3.7037017	1.2287605
## 559	nonwriting_moc_0002.txt	nonwriting moc_0002	3.7889548	1.5229325
## 560	nonwriting_moc_0002.txt	nonwriting moc_0002	3.8546335	1.8474379
## 561	nonwriting_moc_0002.txt	nonwriting moc_0002	3.8825452	2.0980422
## 562	nonwriting_moc_0002.txt	nonwriting moc_0002	3.9308494	2.3588283
## 563	nonwriting_moc_0002.txt	nonwriting moc_0002	3.9544485	2.6192639
## 564	nonwriting_moc_0002.txt	nonwriting moc_0002	3.9998562	2.6906843
## 565	nonwriting_pal_0001.txt	nonwriting pal_0001	2.6464393	0.4028309
## 566	nonwriting_pal_0001.txt	nonwriting pal_0001	3.1414461	0.6838732
## 567	nonwriting_pal_0001.txt	nonwriting pal_0001	3.6062389	1.0226653
## 568	nonwriting_pal_0001.txt	nonwriting pal_0001	3.6020784	1.3113548
## 569	nonwriting_pal_0001.txt	nonwriting pal_0001	4.0357836	1.7508323
## 570	nonwriting_pal_0001.txt	nonwriting pal_0001	4.5001635	2.2672072
## 571	nonwriting_pal_0001.txt	nonwriting pal_0001	4.7984471	2.7390665
## 572	nonwriting_tsl_0001.txt	nonwriting tsl_0001	3.1219281	0.4332150
## 573	nonwriting_tsl_0001.txt	nonwriting tsl_0001	4.1219281	0.8090787
## 574	nonwriting_tsl_0001.txt	nonwriting tsl_0001	4.5735573	1.2409836
## 575	nonwriting_wsy_0001.txt	nonwriting wsy_0001	1.1567796	0.3297224
## 576	nonwriting_wsy_0001.txt	nonwriting wsy_0001	1.6788979	0.5650082
## 577	nonwriting_wsy_0001.txt	nonwriting wsy_0001	2.2646581	0.7914408
## 578	nonwriting_wsy_0001.txt	nonwriting wsy_0001	2.5056518	1.0445703
## 579	nonwriting_wsy_0001.txt	nonwriting wsy_0001	2.8560576	1.3576151
## 580	nonwriting_wsy_0001.txt	nonwriting wsy_0001	3.0977499	1.6961815

## 581	nonwriting_wsy_0001.txt	nonwriting_wsy_0001	3.2203618	1.9417889
## 582	nonwriting_wsy_0001.txt	nonwriting_wsy_0001	3.2262948	2.1979790
## 583	nonwriting_wsy_0001.txt	nonwriting_wsy_0001	3.2547282	2.4231563
## 584	nonwriting_wsy_0001.txt	nonwriting_wsy_0001	3.1754684	2.3517762
## 585	random_ran_10	random_ran_10	3.3219281	0.4432150
## 586	random_ran_10	random_ran_10	4.3219281	0.8593551
## 587	random_ran_10	random_ran_10	4.9068906	1.3374042
## 588	random_ran_10	random_ran_10	5.3219281	1.8571330
## 589	random_ran_10	random_ran_10	5.6038562	2.3805345
## 590	random_ran_10	random_ran_10	5.8735573	2.9550971
## 591	random_ran_10	random_ran_10	6.1007116	3.5477051
## 592	random_ran_10	random_ran_10	6.2969281	4.1518116
## 593	random_ran_10	random_ran_10	6.4390210	4.7219166
## 594	random_ran_10	random_ran_10	6.5963073	5.1878935
## 595	random_ran_11	random_ran_11	3.3219281	0.4432150
## 596	random_ran_11	random_ran_11	4.3219281	0.8593551
## 597	random_ran_11	random_ran_11	4.9068906	1.3374042
## 598	random_ran_11	random_ran_11	5.3219281	1.8571330
## 599	random_ran_11	random_ran_11	5.6438562	2.4078316
## 600	random_ran_11	random_ran_11	5.9068906	2.9823942
## 601	random_ran_11	random_ran_11	6.1292830	3.5750022
## 602	random_ran_11	random_ran_11	6.2969281	4.1474991
## 603	random_ran_11	random_ran_11	6.4696309	4.7500634
## 604	random_ran_11	random_ran_11	6.5763073	5.1505018
## 605	random_ran_12	random_ran_12	3.3219281	0.4432150
## 606	random_ran_12	random_ran_12	4.3219281	0.8593551
## 607	random_ran_12	random_ran_12	4.9068906	1.3374042
## 608	random_ran_12	random_ran_12	5.3219281	1.8571330
## 609	random_ran_12	random_ran_12	5.6438562	2.4078316
## 610	random_ran_12	random_ran_12	5.9068906	2.9823942
## 611	random_ran_12	random_ran_12	6.1292830	3.5750022
## 612	random_ran_12	random_ran_12	6.2969281	4.1475899
## 613	random_ran_12	random_ran_12	6.4474087	4.7182790
## 614	random_ran_12	random_ran_12	6.6038562	5.1842558
## 615	random_ran_13	random_ran_13	3.3219281	0.4432150
## 616	random_ran_13	random_ran_13	4.3219281	0.8593551
## 617	random_ran_13	random_ran_13	4.9068906	1.3374042
## 618	random_ran_13	random_ran_13	5.3219281	1.8571330
## 619	random_ran_13	random_ran_13	5.6438562	2.4078316
## 620	random_ran_13	random_ran_13	5.9068906	2.9823942
## 621	random_ran_13	random_ran_13	6.1292830	3.5750022
## 622	random_ran_13	random_ran_13	6.3219281	4.1791088
## 623	random_ran_13	random_ran_13	6.4918531	4.7816731
## 624	random_ran_13	random_ran_13	6.6438562	5.2476499
## 625	random_ran_14	random_ran_14	3.3219281	0.4432150
## 626	random_ran_14	random_ran_14	4.3219281	0.8593551
## 627	random_ran_14	random_ran_14	4.9068906	1.3374042
## 628	random_ran_14	random_ran_14	5.3219281	1.8571330
## 629	random_ran_14	random_ran_14	5.6438562	2.4078316
## 630	random_ran_14	random_ran_14	5.9068906	2.9823942
## 631	random_ran_14	random_ran_14	6.1292830	3.5750022
## 632	random_ran_14	random_ran_14	6.3219281	4.1791088
## 633	random_ran_14	random_ran_14	6.4918531	4.7816731
## 634	random_ran_14	random_ran_14	6.6238562	5.2144307

## 635	random_ran_15	random	ran_15	3.3219281	0.4432150
## 636	random_ran_15	random	ran_15	4.3219281	0.8593551
## 637	random_ran_15	random	ran_15	4.9068906	1.3374042
## 638	random_ran_15	random	ran_15	5.3219281	1.8571330
## 639	random_ran_15	random	ran_15	5.6438562	2.4078316
## 640	random_ran_15	random	ran_15	5.9068906	2.9823942
## 641	random_ran_15	random	ran_15	6.1292830	3.5750022
## 642	random_ran_15	random	ran_15	6.3219281	4.1791088
## 643	random_ran_15	random	ran_15	6.4918531	4.7816731
## 644	random_ran_15	random	ran_15	6.6438562	5.2476499
## 645	random_ran_16	random	ran_16	3.3219281	0.4432150
## 646	random_ran_16	random	ran_16	4.3219281	0.8593551
## 647	random_ran_16	random	ran_16	4.9068906	1.3374042
## 648	random_ran_16	random	ran_16	5.3219281	1.8571330
## 649	random_ran_16	random	ran_16	5.6438562	2.4078316
## 650	random_ran_16	random	ran_16	5.9068906	2.9823942
## 651	random_ran_16	random	ran_16	6.1292830	3.5750022
## 652	random_ran_16	random	ran_16	6.3219281	4.1791088
## 653	random_ran_16	random	ran_16	6.4918531	4.7816731
## 654	random_ran_16	random	ran_16	6.6438562	5.2476499
## 655	random_ran_17	random	ran_17	3.3219281	0.4432150
## 656	random_ran_17	random	ran_17	4.3219281	0.8593551
## 657	random_ran_17	random	ran_17	4.9068906	1.3374042
## 658	random_ran_17	random	ran_17	5.3219281	1.8571330
## 659	random_ran_17	random	ran_17	5.6438562	2.4078316
## 660	random_ran_17	random	ran_17	5.9068906	2.9823942
## 661	random_ran_17	random	ran_17	6.1292830	3.5750022
## 662	random_ran_17	random	ran_17	6.3219281	4.1791088
## 663	random_ran_17	random	ran_17	6.4918531	4.7816731
## 664	random_ran_17	random	ran_17	6.6438562	5.2476499
## 665	random_ran_18	random	ran_18	3.3219281	0.4432150
## 666	random_ran_18	random	ran_18	4.3219281	0.8593551
## 667	random_ran_18	random	ran_18	4.9068906	1.3374042
## 668	random_ran_18	random	ran_18	5.3219281	1.8571330
## 669	random_ran_18	random	ran_18	5.6438562	2.4078316
## 670	random_ran_18	random	ran_18	5.9068906	2.9823942
## 671	random_ran_18	random	ran_18	6.1292830	3.5750022
## 672	random_ran_18	random	ran_18	6.3219281	4.1791088
## 673	random_ran_18	random	ran_18	6.4918531	4.7816731
## 674	random_ran_18	random	ran_18	6.6438562	5.2476499
## 675	random_ran_19	random	ran_19	3.3219281	0.4432150
## 676	random_ran_19	random	ran_19	4.3219281	0.8593551
## 677	random_ran_19	random	ran_19	4.9068906	1.3374042
## 678	random_ran_19	random	ran_19	5.3219281	1.8571330
## 679	random_ran_19	random	ran_19	5.6438562	2.4078316
## 680	random_ran_19	random	ran_19	5.9068906	2.9823942
## 681	random_ran_19	random	ran_19	6.1292830	3.5750022
## 682	random_ran_19	random	ran_19	6.3219281	4.1791088
## 683	random_ran_19	random	ran_19	6.4918531	4.7816731
## 684	random_ran_19	random	ran_19	6.6438562	5.2476499
## 685	random_ran_2	random	ran_2	1.5709506	0.3472224
## 686	random_ran_2	random	ran_2	1.2567796	0.4583798
## 687	random_ran_2	random	ran_2	1.5719505	0.6986051
## 688	random_ran_2	random	ran_2	1.6695180	0.8738919

## 689	random_ran_2	random	ran_2	1.8267438	1.0631125
## 690	random_ran_2	random	ran_2	1.7865590	1.2309346
## 691	random_ran_2	random	ran_2	1.7668604	1.3548982
## 692	random_ran_2	random	ran_2	2.0123343	1.6477663
## 693	random_ran_2	random	ran_2	1.9881759	1.8034449
## 694	random_ran_2	random	ran_2	2.0160705	1.7993480
## 695	random_ran_20	random	ran_20	3.3219281	0.4432150
## 696	random_ran_20	random	ran_20	4.3219281	0.8593551
## 697	random_ran_20	random	ran_20	4.9068906	1.3374042
## 698	random_ran_20	random	ran_20	5.3219281	1.8571330
## 699	random_ran_20	random	ran_20	5.6438562	2.4078316
## 700	random_ran_20	random	ran_20	5.9068906	2.9823942
## 701	random_ran_20	random	ran_20	6.1007116	3.5450022
## 702	random_ran_20	random	ran_20	6.2969281	4.1491088
## 703	random_ran_20	random	ran_20	6.4474087	4.7193759
## 704	random_ran_20	random	ran_20	6.6038562	5.1853528
## 705	random_ran_21	random	ran_21	3.3219281	0.4432150
## 706	random_ran_21	random	ran_21	4.3219281	0.8593551
## 707	random_ran_21	random	ran_21	4.9068906	1.3374042
## 708	random_ran_21	random	ran_21	5.3219281	1.8571330
## 709	random_ran_21	random	ran_21	5.6438562	2.4078316
## 710	random_ran_21	random	ran_21	5.9068906	2.9823942
## 711	random_ran_21	random	ran_21	6.1292830	3.5750022
## 712	random_ran_21	random	ran_21	6.3219281	4.1791088
## 713	random_ran_21	random	ran_21	6.4918531	4.7816731
## 714	random_ran_21	random	ran_21	6.6438562	5.2476499
## 715	random_ran_22	random	ran_22	3.3219281	0.4432150
## 716	random_ran_22	random	ran_22	4.3219281	0.8593551
## 717	random_ran_22	random	ran_22	4.9068906	1.3374042
## 718	random_ran_22	random	ran_22	5.3219281	1.8571330
## 719	random_ran_22	random	ran_22	5.6438562	2.4078316
## 720	random_ran_22	random	ran_22	5.9068906	2.9823942
## 721	random_ran_22	random	ran_22	6.1292830	3.5750022
## 722	random_ran_22	random	ran_22	6.2969281	4.1483600
## 723	random_ran_22	random	ran_22	6.4696309	4.7509243
## 724	random_ran_22	random	ran_22	6.6238562	5.2169012
## 725	random_ran_23	random	ran_23	3.3219281	0.4432150
## 726	random_ran_23	random	ran_23	4.3219281	0.8593551
## 727	random_ran_23	random	ran_23	4.9068906	1.3374042
## 728	random_ran_23	random	ran_23	5.3219281	1.8571330
## 729	random_ran_23	random	ran_23	5.6438562	2.4078316
## 730	random_ran_23	random	ran_23	5.9068906	2.9823942
## 731	random_ran_23	random	ran_23	6.1292830	3.5750022
## 732	random_ran_23	random	ran_23	6.3219281	4.1791088
## 733	random_ran_23	random	ran_23	6.4918531	4.7816731
## 734	random_ran_23	random	ran_23	6.6438562	5.2476499
## 735	random_ran_24	random	ran_24	3.3219281	0.4432150
## 736	random_ran_24	random	ran_24	4.3219281	0.8593551
## 737	random_ran_24	random	ran_24	4.9068906	1.3374042
## 738	random_ran_24	random	ran_24	5.3219281	1.8571330
## 739	random_ran_24	random	ran_24	5.6438562	2.4078316
## 740	random_ran_24	random	ran_24	5.9068906	2.9823942
## 741	random_ran_24	random	ran_24	6.1292830	3.5750022
## 742	random_ran_24	random	ran_24	6.3219281	4.1791088

## 743	random_ran_24	random	ran_24	6.4918531	4.7816731
## 744	random_ran_24	random	ran_24	6.6438562	5.2476499
## 745	random_ran_25	random	ran_25	3.3219281	0.4432150
## 746	random_ran_25	random	ran_25	4.3219281	0.8593551
## 747	random_ran_25	random	ran_25	4.9068906	1.3374042
## 748	random_ran_25	random	ran_25	5.3219281	1.8571330
## 749	random_ran_25	random	ran_25	5.6438562	2.4078316
## 750	random_ran_25	random	ran_25	5.9068906	2.9823942
## 751	random_ran_25	random	ran_25	6.1292830	3.5750022
## 752	random_ran_25	random	ran_25	6.3219281	4.1791088
## 753	random_ran_25	random	ran_25	6.4918531	4.7816731
## 754	random_ran_25	random	ran_25	6.6438562	5.2476499
## 755	random_ran_26	random	ran_26	3.3219281	0.4432150
## 756	random_ran_26	random	ran_26	4.3219281	0.8593551
## 757	random_ran_26	random	ran_26	4.8402239	1.3128697
## 758	random_ran_26	random	ran_26	5.2719281	1.8325986
## 759	random_ran_26	random	ran_26	5.6038562	2.3832972
## 760	random_ran_26	random	ran_26	5.8735573	2.9578598
## 761	random_ran_26	random	ran_26	6.1007116	3.5504678
## 762	random_ran_26	random	ran_26	6.2969281	4.1545743
## 763	random_ran_26	random	ran_26	6.4696309	4.7571386
## 764	random_ran_26	random	ran_26	6.6238562	5.2231155
## 765	random_ran_27	random	ran_27	3.3219281	0.4432150
## 766	random_ran_27	random	ran_27	4.3219281	0.8593551
## 767	random_ran_27	random	ran_27	4.9068906	1.3374042
## 768	random_ran_27	random	ran_27	5.3219281	1.8571330
## 769	random_ran_27	random	ran_27	5.6438562	2.4078316
## 770	random_ran_27	random	ran_27	5.9068906	2.9823942
## 771	random_ran_27	random	ran_27	6.1292830	3.5750022
## 772	random_ran_27	random	ran_27	6.3219281	4.1791088
## 773	random_ran_27	random	ran_27	6.4918531	4.7816731
## 774	random_ran_27	random	ran_27	6.6438562	5.2476499
## 775	random_ran_28	random	ran_28	3.3219281	0.4432150
## 776	random_ran_28	random	ran_28	4.3219281	0.8593551
## 777	random_ran_28	random	ran_28	4.9068906	1.3374042
## 778	random_ran_28	random	ran_28	5.3219281	1.8571330
## 779	random_ran_28	random	ran_28	5.6438562	2.4078316
## 780	random_ran_28	random	ran_28	5.9068906	2.9823942
## 781	random_ran_28	random	ran_28	6.1292830	3.5750022
## 782	random_ran_28	random	ran_28	6.3219281	4.1791088
## 783	random_ran_28	random	ran_28	6.4918531	4.7816731
## 784	random_ran_28	random	ran_28	6.6438562	5.2476499
## 785	random_ran_29	random	ran_29	3.3219281	0.4432150
## 786	random_ran_29	random	ran_29	4.3219281	0.8593551
## 787	random_ran_29	random	ran_29	4.9068906	1.3374042
## 788	random_ran_29	random	ran_29	5.3219281	1.8571330
## 789	random_ran_29	random	ran_29	5.6438562	2.4078316
## 790	random_ran_29	random	ran_29	5.9068906	2.9823942
## 791	random_ran_29	random	ran_29	6.1292830	3.5750022
## 792	random_ran_29	random	ran_29	6.3219281	4.1791088
## 793	random_ran_29	random	ran_29	6.4918531	4.7816731
## 794	random_ran_29	random	ran_29	6.6438562	5.2476499
## 795	random_ran_3	random	ran_3	2.8464393	0.4125686
## 796	random_ran_3	random	ran_3	3.6414461	0.7718771

## 797	random_ran_3	random	ran_3	3.8933449	1.1077741
## 798	random_ran_3	random	ran_3	4.0715278	1.4477517
## 799	random_ran_3	random	ran_3	4.2455333	1.8531076
## 800	random_ran_3	random	ran_3	4.3695767	2.2156866
## 801	random_ran_3	random	ran_3	4.3104155	2.5226236
## 802	random_ran_3	random	ran_3	4.3125050	2.8569006
## 803	random_ran_3	random	ran_3	4.3908761	3.1924428
## 804	random_ran_3	random	ran_3	4.4312740	3.3819195
## 805	random_ran_30	random	ran_30	3.3219281	0.4432150
## 806	random_ran_30	random	ran_30	4.3219281	0.8593551
## 807	random_ran_30	random	ran_30	4.9068906	1.3374042
## 808	random_ran_30	random	ran_30	5.3219281	1.8571330
## 809	random_ran_30	random	ran_30	5.6438562	2.4078316
## 810	random_ran_30	random	ran_30	5.9068906	2.9823942
## 811	random_ran_30	random	ran_30	6.1292830	3.5750022
## 812	random_ran_30	random	ran_30	6.3219281	4.1791088
## 813	random_ran_30	random	ran_30	6.4918531	4.7816731
## 814	random_ran_30	random	ran_30	6.6438562	5.2476499
## 815	random_ran_31	random	ran_31	3.3219281	0.4432150
## 816	random_ran_31	random	ran_31	4.3219281	0.8593551
## 817	random_ran_31	random	ran_31	4.9068906	1.3374042
## 818	random_ran_31	random	ran_31	5.3219281	1.8571330
## 819	random_ran_31	random	ran_31	5.6438562	2.4078316
## 820	random_ran_31	random	ran_31	5.9068906	2.9823942
## 821	random_ran_31	random	ran_31	6.1292830	3.5750022
## 822	random_ran_31	random	ran_31	6.3219281	4.1791088
## 823	random_ran_31	random	ran_31	6.4918531	4.7816731
## 824	random_ran_31	random	ran_31	6.6438562	5.2476499
## 825	random_ran_32	random	ran_32	3.3219281	0.4432150
## 826	random_ran_32	random	ran_32	4.3219281	0.8593551
## 827	random_ran_32	random	ran_32	4.9068906	1.3374042
## 828	random_ran_32	random	ran_32	5.3219281	1.8571330
## 829	random_ran_32	random	ran_32	5.6438562	2.4078316
## 830	random_ran_32	random	ran_32	5.9068906	2.9823942
## 831	random_ran_32	random	ran_32	6.1292830	3.5750022
## 832	random_ran_32	random	ran_32	6.3219281	4.1791088
## 833	random_ran_32	random	ran_32	6.4918531	4.7816731
## 834	random_ran_32	random	ran_32	6.6438562	5.2476499
## 835	random_ran_33	random	ran_33	3.3219281	0.4432150
## 836	random_ran_33	random	ran_33	4.3219281	0.8593551
## 837	random_ran_33	random	ran_33	4.9068906	1.3374042
## 838	random_ran_33	random	ran_33	5.3219281	1.8571330
## 839	random_ran_33	random	ran_33	5.6438562	2.4078316
## 840	random_ran_33	random	ran_33	5.9068906	2.9823942
## 841	random_ran_33	random	ran_33	6.1292830	3.5750022
## 842	random_ran_33	random	ran_33	6.3219281	4.1791088
## 843	random_ran_33	random	ran_33	6.4696309	4.7499738
## 844	random_ran_33	random	ran_33	6.6238562	5.2159507
## 845	random_ran_34	random	ran_34	3.3219281	0.4432150
## 846	random_ran_34	random	ran_34	4.3219281	0.8593551
## 847	random_ran_34	random	ran_34	4.9068906	1.3374042
## 848	random_ran_34	random	ran_34	5.3219281	1.8571330
## 849	random_ran_34	random	ran_34	5.6438562	2.4078316
## 850	random_ran_34	random	ran_34	5.9068906	2.9823942

## 851	random_ran_34	random	ran_34	6.1292830	3.5750022
## 852	random_ran_34	random	ran_34	6.3219281	4.1791088
## 853	random_ran_34	random	ran_34	6.4918531	4.7816731
## 854	random_ran_34	random	ran_34	6.6438562	5.2476499
## 855	random_ran_35	random	ran_35	3.3219281	0.4432150
## 856	random_ran_35	random	ran_35	4.3219281	0.8593551
## 857	random_ran_35	random	ran_35	4.9068906	1.3374042
## 858	random_ran_35	random	ran_35	5.3219281	1.8571330
## 859	random_ran_35	random	ran_35	5.6438562	2.4078316
## 860	random_ran_35	random	ran_35	5.9068906	2.9823942
## 861	random_ran_35	random	ran_35	6.1292830	3.5750022
## 862	random_ran_35	random	ran_35	6.3219281	4.1791088
## 863	random_ran_35	random	ran_35	6.4696309	4.7495417
## 864	random_ran_35	random	ran_35	6.6238562	5.2155186
## 865	random_ran_36	random	ran_36	3.3219281	0.4432150
## 866	random_ran_36	random	ran_36	4.3219281	0.8593551
## 867	random_ran_36	random	ran_36	4.9068906	1.3374042
## 868	random_ran_36	random	ran_36	5.3219281	1.8571330
## 869	random_ran_36	random	ran_36	5.6438562	2.4078316
## 870	random_ran_36	random	ran_36	5.9068906	2.9823942
## 871	random_ran_36	random	ran_36	6.1292830	3.5750022
## 872	random_ran_36	random	ran_36	6.3219281	4.1791088
## 873	random_ran_36	random	ran_36	6.4918531	4.7816731
## 874	random_ran_36	random	ran_36	6.6438562	5.2476499
## 875	random_ran_37	random	ran_37	3.3219281	0.4432150
## 876	random_ran_37	random	ran_37	4.3219281	0.8593551
## 877	random_ran_37	random	ran_37	4.9068906	1.3374042
## 878	random_ran_37	random	ran_37	5.3219281	1.8571330
## 879	random_ran_37	random	ran_37	5.6438562	2.4078316
## 880	random_ran_37	random	ran_37	5.9068906	2.9823942
## 881	random_ran_37	random	ran_37	6.1292830	3.5750022
## 882	random_ran_37	random	ran_37	6.3219281	4.1791088
## 883	random_ran_37	random	ran_37	6.4918531	4.7816731
## 884	random_ran_37	random	ran_37	6.6438562	5.2476499
## 885	random_ran_38	random	ran_38	3.3219281	0.4432150
## 886	random_ran_38	random	ran_38	4.3219281	0.8593551
## 887	random_ran_38	random	ran_38	4.9068906	1.3374042
## 888	random_ran_38	random	ran_38	5.3219281	1.8571330
## 889	random_ran_38	random	ran_38	5.6438562	2.4078316
## 890	random_ran_38	random	ran_38	5.9068906	2.9823942
## 891	random_ran_38	random	ran_38	6.1292830	3.5750022
## 892	random_ran_38	random	ran_38	6.3219281	4.1791088
## 893	random_ran_38	random	ran_38	6.4918531	4.7816731
## 894	random_ran_38	random	ran_38	6.6438562	5.2476499
## 895	random_ran_39	random	ran_39	3.3219281	0.4432150
## 896	random_ran_39	random	ran_39	4.3219281	0.8593551
## 897	random_ran_39	random	ran_39	4.9068906	1.3374042
## 898	random_ran_39	random	ran_39	5.3219281	1.8571330
## 899	random_ran_39	random	ran_39	5.6438562	2.4078316
## 900	random_ran_39	random	ran_39	5.9068906	2.9823942
## 901	random_ran_39	random	ran_39	6.1292830	3.5750022
## 902	random_ran_39	random	ran_39	6.3219281	4.1791088
## 903	random_ran_39	random	ran_39	6.4918531	4.7816731
## 904	random_ran_39	random	ran_39	6.6438562	5.2476499

## 905	random_ran_4	random	ran_4	3.1219281	0.4273654
## 906	random_ran_4	random	ran_4	3.5414461	0.7454946
## 907	random_ran_4	random	ran_4	4.1362434	1.1466618
## 908	random_ran_4	random	ran_4	4.5725739	1.6157314
## 909	random_ran_4	random	ran_4	4.8483674	2.0833494
## 910	random_ran_4	random	ran_4	5.0001177	2.5330728
## 911	random_ran_4	random	ran_4	5.1217212	2.9749419
## 912	random_ran_4	random	ran_4	5.2455139	3.4546788
## 913	random_ran_4	random	ran_4	5.4379894	3.9926498
## 914	random_ran_4	random	ran_4	5.4540914	4.2282180
## 915	random_ran_40	random	ran_40	3.3219281	0.4432150
## 916	random_ran_40	random	ran_40	4.3219281	0.8593551
## 917	random_ran_40	random	ran_40	4.9068906	1.3374042
## 918	random_ran_40	random	ran_40	5.3219281	1.8571330
## 919	random_ran_40	random	ran_40	5.6438562	2.4078316
## 920	random_ran_40	random	ran_40	5.9068906	2.9823942
## 921	random_ran_40	random	ran_40	6.1292830	3.5750022
## 922	random_ran_40	random	ran_40	6.3219281	4.1791088
## 923	random_ran_40	random	ran_40	6.4918531	4.7816731
## 924	random_ran_40	random	ran_40	6.6438562	5.2476499
## 925	random_ran_41	random	ran_41	3.3219281	0.4432150
## 926	random_ran_41	random	ran_41	4.3219281	0.8593551
## 927	random_ran_41	random	ran_41	4.9068906	1.3374042
## 928	random_ran_41	random	ran_41	5.3219281	1.8571330
## 929	random_ran_41	random	ran_41	5.6438562	2.4078316
## 930	random_ran_41	random	ran_41	5.9068906	2.9823942
## 931	random_ran_41	random	ran_41	6.1292830	3.5750022
## 932	random_ran_41	random	ran_41	6.3219281	4.1791088
## 933	random_ran_41	random	ran_41	6.4918531	4.7816731
## 934	random_ran_41	random	ran_41	6.6438562	5.2476499
## 935	random_ran_42	random	ran_42	3.3219281	0.4432150
## 936	random_ran_42	random	ran_42	4.3219281	0.8593551
## 937	random_ran_42	random	ran_42	4.9068906	1.3374042
## 938	random_ran_42	random	ran_42	5.3219281	1.8571330
## 939	random_ran_42	random	ran_42	5.6438562	2.4078316
## 940	random_ran_42	random	ran_42	5.9068906	2.9823942
## 941	random_ran_42	random	ran_42	6.1292830	3.5750022
## 942	random_ran_42	random	ran_42	6.3219281	4.1791088
## 943	random_ran_42	random	ran_42	6.4918531	4.7816731
## 944	random_ran_42	random	ran_42	6.6438562	5.2476499
## 945	random_ran_43	random	ran_43	3.3219281	0.4432150
## 946	random_ran_43	random	ran_43	4.3219281	0.8593551
## 947	random_ran_43	random	ran_43	4.9068906	1.3374042
## 948	random_ran_43	random	ran_43	5.3219281	1.8571330
## 949	random_ran_43	random	ran_43	5.6438562	2.4078316
## 950	random_ran_43	random	ran_43	5.9068906	2.9823942
## 951	random_ran_43	random	ran_43	6.1292830	3.5750022
## 952	random_ran_43	random	ran_43	6.3219281	4.1791088
## 953	random_ran_43	random	ran_43	6.4918531	4.7816731
## 954	random_ran_43	random	ran_43	6.6438562	5.2476499
## 955	random_ran_44	random	ran_44	3.3219281	0.4432150
## 956	random_ran_44	random	ran_44	4.3219281	0.8593551
## 957	random_ran_44	random	ran_44	4.9068906	1.3374042
## 958	random_ran_44	random	ran_44	5.3219281	1.8571330

## 959	random_ran_44	random	ran_44	5.6438562	2.4078316
## 960	random_ran_44	random	ran_44	5.9068906	2.9823942
## 961	random_ran_44	random	ran_44	6.1007116	3.5443558
## 962	random_ran_44	random	ran_44	6.2969281	4.1484624
## 963	random_ran_44	random	ran_44	6.4696309	4.7510267
## 964	random_ran_44	random	ran_44	6.6238562	5.2170035
## 965	random_ran_45	random	ran_45	3.3219281	0.4432150
## 966	random_ran_45	random	ran_45	4.3219281	0.8593551
## 967	random_ran_45	random	ran_45	4.9068906	1.3374042
## 968	random_ran_45	random	ran_45	5.3219281	1.8571330
## 969	random_ran_45	random	ran_45	5.6438562	2.4078316
## 970	random_ran_45	random	ran_45	5.9068906	2.9823942
## 971	random_ran_45	random	ran_45	6.1292830	3.5750022
## 972	random_ran_45	random	ran_45	6.3219281	4.1791088
## 973	random_ran_45	random	ran_45	6.4918531	4.7816731
## 974	random_ran_45	random	ran_45	6.6438562	5.2476499
## 975	random_ran_46	random	ran_46	3.3219281	0.4432150
## 976	random_ran_46	random	ran_46	4.3219281	0.8593551
## 977	random_ran_46	random	ran_46	4.9068906	1.3374042
## 978	random_ran_46	random	ran_46	5.3219281	1.8571330
## 979	random_ran_46	random	ran_46	5.6438562	2.4078316
## 980	random_ran_46	random	ran_46	5.9068906	2.9823942
## 981	random_ran_46	random	ran_46	6.1292830	3.5750022
## 982	random_ran_46	random	ran_46	6.3219281	4.1791088
## 983	random_ran_46	random	ran_46	6.4918531	4.7816731
## 984	random_ran_46	random	ran_46	6.6438562	5.2476499
## 985	random_ran_47	random	ran_47	3.3219281	0.4432150
## 986	random_ran_47	random	ran_47	4.3219281	0.8593551
## 987	random_ran_47	random	ran_47	4.9068906	1.3374042
## 988	random_ran_47	random	ran_47	5.3219281	1.8571330
## 989	random_ran_47	random	ran_47	5.6438562	2.4078316
## 990	random_ran_47	random	ran_47	5.9068906	2.9823942
## 991	random_ran_47	random	ran_47	6.1292830	3.5750022
## 992	random_ran_47	random	ran_47	6.3219281	4.1791088
## 993	random_ran_47	random	ran_47	6.4918531	4.7816731
## 994	random_ran_47	random	ran_47	6.6438562	5.2476499
## 995	random_ran_48	random	ran_48	3.3219281	0.4432150
## 996	random_ran_48	random	ran_48	4.3219281	0.8593551
## 997	random_ran_48	random	ran_48	4.9068906	1.3374042
## 998	random_ran_48	random	ran_48	5.3219281	1.8571330
## 999	random_ran_48	random	ran_48	5.6438562	2.4078316
## 1000	random_ran_48	random	ran_48	5.9068906	2.9823942
## 1001	random_ran_48	random	ran_48	6.1292830	3.5750022
## 1002	random_ran_48	random	ran_48	6.3219281	4.1791088
## 1003	random_ran_48	random	ran_48	6.4918531	4.7816731
## 1004	random_ran_48	random	ran_48	6.6438562	5.2476499
## 1005	random_ran_5	random	ran_5	3.1219281	0.4291782
## 1006	random_ran_5	random	ran_5	4.2219281	0.8453183
## 1007	random_ran_5	random	ran_5	4.8402239	1.3233674
## 1008	random_ran_5	random	ran_5	5.1719281	1.7918270
## 1009	random_ran_5	random	ran_5	5.4287584	2.2874555
## 1010	random_ran_5	random	ran_5	5.5276425	2.7453825
## 1011	random_ran_5	random	ran_5	5.5975790	3.1870176
## 1012	random_ran_5	random	ran_5	5.7591837	3.7287658

## 1013	random_ran_5	random	ran_5	5.7803075	4.1279150
## 1014	random_ran_5	random	ran_5	5.8204692	4.3968925
## 1015	random_ran_6	random	ran_6	3.3219281	0.4432150
## 1016	random_ran_6	random	ran_6	4.3219281	0.8593551
## 1017	random_ran_6	random	ran_6	4.9068906	1.3374042
## 1018	random_ran_6	random	ran_6	5.2719281	1.8319111
## 1019	random_ran_6	random	ran_6	5.5087584	2.3270932
## 1020	random_ran_6	random	ran_6	5.6735573	2.8147124
## 1021	random_ran_6	random	ran_6	5.9292830	3.4073204
## 1022	random_ran_6	random	ran_6	6.0874920	3.9492433
## 1023	random_ran_6	random	ran_6	6.2612432	4.5194290
## 1024	random_ran_6	random	ran_6	6.3563073	4.8865677
## 1025	random_ran_7	random	ran_7	3.3219281	0.4432150
## 1026	random_ran_7	random	ran_7	4.3219281	0.8593551
## 1027	random_ran_7	random	ran_7	4.9068906	1.3374042
## 1028	random_ran_7	random	ran_7	5.3219281	1.8571330
## 1029	random_ran_7	random	ran_7	5.5487584	2.3524609
## 1030	random_ran_7	random	ran_7	5.8276425	2.9270235
## 1031	random_ran_7	random	ran_7	5.9934291	3.4593179
## 1032	random_ran_7	random	ran_7	6.1374920	4.0012409
## 1033	random_ran_7	random	ran_7	6.3279099	4.6038052
## 1034	random_ran_7	random	ran_7	6.4438562	5.0037860
## 1035	random_ran_8	random	ran_8	3.3219281	0.4432150
## 1036	random_ran_8	random	ran_8	4.3219281	0.8593551
## 1037	random_ran_8	random	ran_8	4.9068906	1.3374042
## 1038	random_ran_8	random	ran_8	5.3219281	1.8571330
## 1039	random_ran_8	random	ran_8	5.6038562	2.3808700
## 1040	random_ran_8	random	ran_8	5.8402239	2.9262682
## 1041	random_ran_8	random	ran_8	6.0327846	3.4885457
## 1042	random_ran_8	random	ran_8	6.1374920	3.9889125
## 1043	random_ran_8	random	ran_8	6.3056877	4.5592621
## 1044	random_ran_8	random	ran_8	6.4238562	4.9591658
## 1045	random_ran_9	random	ran_9	3.3219281	0.4432150
## 1046	random_ran_9	random	ran_9	4.3219281	0.8593551
## 1047	random_ran_9	random	ran_9	4.9068906	1.3374042
## 1048	random_ran_9	random	ran_9	5.3219281	1.8571330
## 1049	random_ran_9	random	ran_9	5.6038562	2.3803724
## 1050	random_ran_9	random	ran_9	5.8735573	2.9549350
## 1051	random_ran_9	random	ran_9	6.1007116	3.5475429
## 1052	random_ran_9	random	ran_9	6.2719281	4.1209008
## 1053	random_ran_9	random	ran_9	6.4474087	4.7234651
## 1054	random_ran_9	random	ran_9	6.5838562	5.1562227
## 1055	shuffled_aii_0001	shuffled	aii_0001	3.3219281	0.4302902
## 1056	shuffled_akk_0001	shuffled	akk_0001	3.3219281	0.4266053
## 1057	shuffled_akk_0002	shuffled	akk_0002	3.3219281	0.4352902
## 1058	shuffled_arb_0001	shuffled	arb_0001	3.3219281	0.4432150
## 1059	shuffled_azj_0001	shuffled	azj_0001	3.3219281	0.4123654
## 1060	shuffled_azj_0002	shuffled	azj_0002	3.3219281	0.4291782
## 1061	shuffled_ben_0001	shuffled	ben_0001	3.3219281	0.4432150
## 1062	shuffled_bla_0001	shuffled	bla_0001	3.3219281	0.4432150
## 1063	shuffled_bla_0002	shuffled	bla_0002	3.3219281	0.4432150
## 1064	shuffled_blt_0001	shuffled	blt_0001	3.3219281	0.4316053
## 1065	shuffled_blt_0001	shuffled	blt_0001	4.3219281	0.7874690
## 1066	shuffled_bod_0001	shuffled	bod_0001	1.5849625	0.2159606

## 1067	shuffled_bos_0001	shuffled bos_0001	3.3219281	0.4432150
## 1068	shuffled_bos_0002	shuffled bos_0002	3.3219281	0.4432150
## 1069	shuffled_chr_0001	shuffled chr_0001	3.3219281	0.4432150
## 1070	shuffled_cmn_0001	shuffled cmn_0001	0.0000000	0.1695981
## 1071	shuffled_cmn_0002	shuffled cmn_0002	0.0000000	0.1695981
## 1072	shuffled_cre_0001	shuffled cre_0001	1.0000000	0.1911978
## 1073	shuffled_cre_0002	shuffled cre_0002	1.5849625	0.2159606
## 1074	shuffled_csw_0001	shuffled csw_0001	3.3219281	0.4144405
## 1075	shuffled_div_0001	shuffled div_0001	2.8073549	0.3367115
## 1076	shuffled_ela_0001	shuffled ela_0001	3.3219281	0.4432150
## 1077	shuffled_ela_0002	shuffled ela_0002	3.3219281	0.4432150
## 1078	shuffled_ell_0001	shuffled ell_0001	3.3219281	0.4432150
## 1079	shuffled_eng_0001	shuffled eng_0001	3.3219281	0.4432150
## 1080	shuffled_epo_0001	shuffled epo_0001	3.3219281	0.4432150
## 1081	shuffled_eus_0001	shuffled eus_0001	3.3219281	0.4432150
## 1082	shuffled_gaz_0001	shuffled gaz_0001	3.0000000	0.3709624
## 1083	shuffled_guj_0001	shuffled guj_0001	3.1699250	0.3865013
## 1084	shuffled_heb_0001	shuffled heb_0001	3.3219281	0.4432150
## 1085	shuffled_hin_0001	shuffled hin_0001	3.3219281	0.4382150
## 1086	shuffled_hye_0001	shuffled hye_0001	3.3219281	0.4432150
## 1087	shuffled_ibt_0001	shuffled ibt_0001	3.3219281	0.4432150
## 1088	shuffled_iii_0001	shuffled iii_0001	0.0000000	0.1695981
## 1089	shuffled_ike_0001	shuffled ike_0001	3.1699250	0.4065013
## 1090	shuffled_jav_0001	shuffled jav_0001	0.0000000	0.1695981
## 1091	shuffled_jav_0002	shuffled jav_0002	3.3219281	0.4432150
## 1092	shuffled_jpn_0001	shuffled jpn_0001	0.0000000	0.1695981
## 1093	shuffled_kal_0001	shuffled kal_0001	2.8073549	0.3367115
## 1094	shuffled_kan_0001	shuffled kan_0001	3.3219281	0.4302902
## 1095	shuffled_kat_0001	shuffled kat_0001	3.1699250	0.3965013
## 1096	shuffled_khm_0001	shuffled khm_0001	2.3219281	0.2726603
## 1097	shuffled_kkh_0001	shuffled kkh_0001	1.5849625	0.2159606
## 1098	shuffled_kor_0001	shuffled kor_0001	3.3219281	0.4149957
## 1099	shuffled_lao_0001	shuffled lao_0001	2.0000000	0.2432532
## 1100	shuffled_lug_0001	shuffled lug_0001	2.8073549	0.3367115
## 1101	shuffled_mal_0001	shuffled mal_0001	3.1699250	0.4065013
## 1102	shuffled_mya_0001	shuffled mya_0001	2.5849625	0.3038868
## 1103	shuffled_pan_0001	shuffled pan_0001	3.3219281	0.4432150
## 1104	shuffled_pra_0001	shuffled pra_0001	3.3219281	0.4432150
## 1105	shuffled_rus_0001	shuffled rus_0001	3.3219281	0.4282150
## 1106	shuffled_sin_0001	shuffled sin_0001	3.3219281	0.4273654
## 1107	shuffled_sum_0001	shuffled sum_0001	3.1219281	0.4252902
## 1108	shuffled_sum_0002	shuffled sum_0002	3.3219281	0.4186506
## 1109	shuffled_sum_0003	shuffled sum_0003	3.1219281	0.4282150
## 1110	shuffled_sum_0004	shuffled sum_0004	3.1219281	0.3980156
## 1111	shuffled_sum_0005	shuffled sum_0005	3.3219281	0.4266053
## 1112	shuffled_sum_0006	shuffled sum_0006	3.3219281	0.4432150
## 1113	shuffled_sum_0007	shuffled sum_0007	3.3219281	0.4273654
## 1114	shuffled_tam_0001	shuffled tam_0001	2.9477028	0.3906517
## 1115	shuffled_tel_0001	shuffled tel_0001	2.5849625	0.3038868
## 1116	shuffled_tgl_0001	shuffled tgl_0001	3.3219281	0.4432150
## 1117	shuffled_tha_0001	shuffled tha_0001	2.0000000	0.2432532
## 1118	shuffled_tir_0001	shuffled tir_0001	3.3219281	0.4291782
## 1119	shuffled_vai_0001	shuffled vai_0001	3.3219281	0.4432150
## 1120	shuffled_vai_0001	shuffled vai_0001	4.1219281	0.8593551

## 1121	shuffled_zgh_0001	shuffled zgh_0001	3.3219281	0.4007557
## 1122	shuffled_zul_0001	shuffled zul_0001	3.0000000	0.3709624
## 1123	unclassified_pic_0001.txt	unclassified pic_0001	3.1219281	0.4273654
## 1124	unclassified_pic_0001.txt	unclassified pic_0001	3.8841837	0.7834914
## 1125	unclassified_pic_0001.txt	unclassified pic_0001	4.2150610	1.1571649
## 1126	unclassified_pic_0001.txt	unclassified pic_0001	4.3653115	1.5725879
## 1127	unclassified_pic_0001.txt	unclassified pic_0001	4.3210769	1.9764356
## 1128	unclassified_pic_0001.txt	unclassified pic_0001	4.3453809	2.3478076
## 1129	unclassified_pic_0001.txt	unclassified pic_0001	4.3622747	2.6541528
## 1130	unclassified_pic_0001.txt	unclassified pic_0001	4.3602662	3.0610173
## 1131	unclassified_pic_0001.txt	unclassified pic_0001	4.3158065	3.4174769
## 1132	unclassified_pic_0001.txt	unclassified pic_0001	4.3338845	3.6649628
## 1133	unclassified_rrg_0001.txt	unclassified rrg_0001	2.3219281	0.3924107
## 1134	unclassified_rrg_0001.txt	unclassified rrg_0001	3.5841837	0.7660915
## 1135	unclassified_rrg_0001.txt	unclassified rrg_0001	3.9185078	1.0984702
## 1136	unclassified_rrg_0001.txt	unclassified rrg_0001	4.1414461	1.4560349
## 1137	unclassified_rrg_0001.txt	unclassified rrg_0001	4.4427812	1.8611871
## 1138	unclassified_rrg_0001.txt	unclassified rrg_0001	4.7474985	2.3204441
## 1139	unclassified_rrg_0001.txt	unclassified rrg_0001	5.0783755	2.8218630
## 1140	unclassified_rrg_0001.txt	unclassified rrg_0001	5.3179480	3.3010275
## 1141	unclassified_rrg_0001.txt	unclassified rrg_0001	5.5994263	3.9035918
## 1142	unclassified_rrg_0001.txt	unclassified rrg_0001	5.8006721	4.3037961
## 1143	unclassified_rrg_0002.txt	unclassified rrg_0002	2.9219281	0.3742027
## 1144	unclassified_rrg_0002.txt	unclassified rrg_0002	3.7841837	0.7274935
## 1145	unclassified_rrg_0002.txt	unclassified rrg_0002	4.0817277	1.0412591
## 1146	unclassified_rrg_0002.txt	unclassified rrg_0002	4.3153115	1.4141039
## 1147	unclassified_rrg_0002.txt	unclassified rrg_0002	4.6757288	1.8829367
## 1148	unclassified_rrg_0002.txt	unclassified rrg_0002	4.8793659	2.3117108
## 1149	unclassified_rrg_0002.txt	unclassified rrg_0002	4.8967019	2.6324233
## 1150	unclassified_rrg_0002.txt	unclassified rrg_0002	5.0898769	3.1020895
## 1151	unclassified_rrg_0002.txt	unclassified rrg_0002	5.2427155	3.4857581
## 1152	unclassified_rrg_0002.txt	unclassified rrg_0002	5.5196323	3.8855909
## 1153	unclassified_voy_0001.txt	unclassified voy_0001	3.3219281	0.4432150
## 1154	unclassified_voy_0001.txt	unclassified voy_0001	4.1219281	0.8187087
## 1155	unclassified_voy_0001.txt	unclassified voy_0001	4.7068906	1.2738329
## 1156	unclassified_voy_0001.txt	unclassified voy_0001	5.1030559	1.7416758
## 1157	unclassified_voy_0001.txt	unclassified voy_0001	5.3487584	2.2095944
## 1158	unclassified_voy_0001.txt	unclassified voy_0001	5.6276425	2.7557948
## 1159	unclassified_voy_0001.txt	unclassified voy_0001	5.8327846	3.2874260
## 1160	unclassified_voy_0001.txt	unclassified voy_0001	5.9874920	3.7983095
## 1161	unclassified_voy_0001.txt	unclassified voy_0001	6.1417445	4.3361998
## 1162	unclassified_voy_0001.txt	unclassified voy_0001	6.3012096	4.7689574
## 1163	writing_akk_0001.txt	writing akk_0001	3.3219281	0.4432150
## 1164	writing_akk_0001.txt	writing akk_0001	3.9219281	0.7483795
## 1165	writing_akk_0001.txt	writing akk_0001	4.4817277	1.1801771
## 1166	writing_akk_0001.txt	writing akk_0001	4.8219281	1.6230200
## 1167	writing_akk_0001.txt	writing akk_0001	4.9736607	2.0010586
## 1168	writing_akk_0001.txt	writing akk_0001	5.1756522	2.4421257
## 1169	writing_akk_0001.txt	writing akk_0001	5.3610768	2.9046100
## 1170	writing_akk_0001.txt	writing akk_0001	5.5041041	3.3017031
## 1171	writing_akk_0001.txt	writing akk_0001	5.6943593	3.8406065
## 1172	writing_akk_0001.txt	writing akk_0001	5.8661118	4.2075855
## 1173	writing_akk_0002.txt	writing akk_0002	2.9219281	0.4119451
## 1174	writing_akk_0002.txt	writing akk_0002	3.0219281	0.6577965

## 1175	writing_akk_0002.txt	writing akk_0002	4.0402239	1.0895941
## 1176	writing_akk_0002.txt	writing akk_0002	4.6719281	1.5841010
## 1177	writing_akk_0002.txt	writing akk_0002	5.0038562	2.0234490
## 1178	writing_akk_0002.txt	writing akk_0002	5.3735573	2.4808939
## 1179	writing_akk_0002.txt	writing akk_0002	5.4899275	2.8806418
## 1180	writing_akk_0002.txt	writing akk_0002	5.6374920	3.3592343
## 1181	writing_akk_0002.txt	writing akk_0002	5.7555791	3.8327938
## 1182	writing_akk_0002.txt	writing akk_0002	5.9012096	4.1771177
## 1183	writing_cre_0001.txt	writing cre_0001	3.1219281	0.4107557
## 1184	writing_cre_0001.txt	writing cre_0001	4.0841837	0.7889710
## 1185	writing_cre_0002.txt	writing cre_0002	3.3219281	0.4432150
## 1186	writing_cre_0002.txt	writing cre_0002	4.3219281	0.8593551
## 1187	writing_cre_0002.txt	writing cre_0002	4.9068906	1.3374042
## 1188	writing_cre_0002.txt	writing cre_0002	5.2719281	1.7811224
## 1189	writing_cre_0002.txt	writing cre_0002	5.6038562	2.3318210
## 1190	writing_cre_0002.txt	writing cre_0002	5.8735573	2.8769704
## 1191	writing_cre_0002.txt	writing cre_0002	6.1007116	3.4393564
## 1192	writing_cre_0002.txt	writing cre_0002	6.2624920	4.0119441
## 1193	writing_cre_0002.txt	writing cre_0002	6.4167988	4.5182929
## 1194	writing_cre_0002.txt	writing cre_0002	6.5438562	4.9190350
## 1195	writing_ela_0001.txt	writing ela_0001	3.3219281	0.4432150
## 1196	writing_ela_0001.txt	writing ela_0001	3.7841837	0.7656591
## 1197	writing_ela_0001.txt	writing ela_0001	4.2150610	1.1744906
## 1198	writing_ela_0001.txt	writing ela_0001	4.3939427	1.5225827
## 1199	writing_ela_0001.txt	writing ela_0001	4.7892751	1.9908032
## 1200	writing_ela_0001.txt	writing ela_0001	4.9147941	2.4112457
## 1201	writing_ela_0001.txt	writing ela_0001	4.9427309	2.7822294
## 1202	writing_ela_0001.txt	writing ela_0001	5.0707675	3.1883883
## 1203	writing_ela_0002.txt	writing ela_0002	3.3219281	0.4432150
## 1204	writing_ela_0002.txt	writing ela_0002	4.1219281	0.8209930
## 1205	writing_ela_0002.txt	writing ela_0002	4.3483943	1.1234426
## 1206	writing_ela_0002.txt	writing ela_0002	4.3464393	1.4019952
## 1207	writing_ela_0002.txt	writing ela_0002	4.4634652	1.7134249
## 1208	writing_ela_0002.txt	writing ela_0002	4.4536664	2.0656536
## 1209	writing_ela_0002.txt	writing ela_0002	4.5065736	2.3729522
## 1210	writing_ela_0002.txt	writing ela_0002	4.4607549	2.5886142
## 1211	writing_ela_0002.txt	writing ela_0002	4.4831365	2.9081247
## 1212	writing_ela_0002.txt	writing ela_0002	4.5576641	3.0774200
## 1213	writing_pra_0001.txt	writing pra_0001	3.3219281	0.4432150
## 1214	writing_pra_0001.txt	writing pra_0001	4.2219281	0.8393551
## 1215	writing_pra_0001.txt	writing pra_0001	4.8402239	1.3174042
## 1216	writing_pra_0001.txt	writing pra_0001	5.1719281	1.7752874
## 1217	writing_pra_0001.txt	writing pra_0001	5.4838562	2.2859238
## 1218	writing_pra_0001.txt	writing pra_0001	5.7402239	2.8319842
## 1219	writing_pra_0001.txt	writing pra_0001	5.7934291	3.2444081
## 1220	writing_pra_0001.txt	writing pra_0001	5.8841837	3.6980630
## 1221	writing_pra_0001.txt	writing pra_0001	6.1027470	4.3006273
## 1222	writing_pra_0001.txt	writing pra_0001	6.2336607	4.6674620
## 1223	writing_sum_0001.txt	writing sum_0001	3.1219281	0.4036235
## 1224	writing_sum_0001.txt	writing sum_0001	3.7841837	0.5782775
## 1225	writing_sum_0001.txt	writing sum_0001	4.2980685	0.8863547
## 1226	writing_sum_0001.txt	writing sum_0001	4.4530559	1.0747219
## 1227	writing_sum_0001.txt	writing sum_0001	4.6883674	1.4262696
## 1228	writing_sum_0001.txt	writing sum_0001	4.9171560	1.7713106

## 1229	writing_sum_0001.txt	writing sum_0001	4.9900172	2.0054685
## 1230	writing_sum_0001.txt	writing sum_0001	5.0437426	2.2415367
## 1231	writing_sum_0001.txt	writing sum_0001	5.1250783	2.5243825
## 1232	writing_sum_0001.txt	writing sum_0001	5.2062100	2.7487303
## 1233	writing_sum_0002.txt	writing sum_0002	3.1219281	0.4266053
## 1234	writing_sum_0002.txt	writing sum_0002	3.9841837	0.7548549
## 1235	writing_sum_0002.txt	writing sum_0002	4.3483943	1.0763546
## 1236	writing_sum_0002.txt	writing sum_0002	4.5464393	1.3847359
## 1237	writing_sum_0002.txt	writing sum_0002	4.9034652	1.8250464
## 1238	writing_sum_0002.txt	writing sum_0002	5.1773166	2.1686960
## 1239	writing_sum_0003.txt	writing sum_0003	2.7219281	0.4012534
## 1240	writing_sum_0003.txt	writing sum_0003	3.6219281	0.7601246
## 1241	writing_sum_0003.txt	writing sum_0003	4.1199026	1.1363236
## 1242	writing_sum_0004.txt	writing sum_0004	3.1219281	0.4020410
## 1243	writing_sum_0004.txt	writing sum_0004	3.8841837	0.6984785
## 1244	writing_sum_0004.txt	writing sum_0004	4.3483943	1.0723300
## 1245	writing_sum_0005.txt	writing sum_0005	3.1219281	0.4020410
## 1246	writing_sum_0005.txt	writing sum_0005	3.8841837	0.6984785
## 1247	writing_sum_0005.txt	writing sum_0005	4.3483943	1.0723300
## 1248	writing_sum_0006.txt	writing sum_0006	2.4464393	0.3866624
## 1249	writing_sum_0006.txt	writing sum_0006	3.0016095	0.6638989
## 1250	writing_sum_0006.txt	writing sum_0006	3.6532359	1.0663813
## 1251	writing_sum_0006.txt	writing sum_0006	3.9823329	1.4311796
## 1252	writing_sum_0006.txt	writing sum_0006	3.9954085	1.7238051
## 1253	writing_sum_0006.txt	writing sum_0006	4.1872694	2.0767054
## 1254	writing_sum_0006.txt	writing sum_0006	4.3510307	2.4673297
## 1255	writing_sum_0006.txt	writing sum_0006	4.4102662	2.7702426
## 1256	writing_sum_0006.txt	writing sum_0006	4.4516004	3.1104747
## 1257	writing_sum_0006.txt	writing sum_0006	4.6409731	3.3905253
## 1258	writing_sum_0007.txt	writing sum_0007	3.1219281	0.4332150
## 1259	writing_sum_0007.txt	writing sum_0007	4.2219281	0.8493551
## 1260	writing_sum_0007.txt	writing sum_0007	4.3068906	1.0772957
## 1261	writing_sum_0007.txt	writing sum_0007	4.4219281	1.2278564
## 1262	writing_bla_0001.txt	writing bla_0001	3.1219281	0.4302902
## 1263	writing_bla_0001.txt	writing bla_0001	4.1219281	0.8464303
## 1264	writing_bla_0001.txt	writing bla_0001	4.4565648	1.2524059
## 1265	writing_bla_0001.txt	writing bla_0001	4.8030559	1.7217174
## 1266	writing_bla_0001.txt	writing bla_0001	5.0614679	2.1902324
## 1267	writing_bla_0001.txt	writing bla_0001	5.3341485	2.7065983
## 1268	writing_bla_0001.txt	writing bla_0001	5.4683593	3.1789080
## 1269	writing_bla_0001.txt	writing bla_0001	5.6247476	3.6586500
## 1270	writing_bla_0001.txt	writing bla_0001	5.6315651	4.0105572
## 1271	writing_bla_0001.txt	writing bla_0001	5.6273688	4.2790844
## 1272	writing_bla_0002.txt	writing bla_0002	3.1219281	0.4302902
## 1273	writing_bla_0002.txt	writing bla_0002	3.8219281	0.7843410
## 1274	writing_bla_0002.txt	writing bla_0002	4.5068906	1.2153964
## 1275	writing_bla_0002.txt	writing bla_0002	4.7128149	1.5976541
## 1276	writing_bla_0002.txt	writing bla_0002	4.8206310	1.9641120
## 1277	writing_bla_0002.txt	writing bla_0002	4.9232314	2.3347640
## 1278	writing_bla_0002.txt	writing bla_0002	5.0045822	2.7655665
## 1279	writing_bla_0002.txt	writing bla_0002	5.1521305	3.2450214
## 1280	writing_bla_0002.txt	writing bla_0002	5.1171556	3.5267015
## 1281	writing_bla_0002.txt	writing bla_0002	5.1563470	3.6993431
## 1282	writing_aii_0001.txt	writing aii_0001	3.3219281	0.4432150

## 1283	writing_aii_0001.txt	writing aii_0001	4.3219281	0.8593551
## 1284	writing_aii_0001.txt	writing aii_0001	4.7735573	1.3151070
## 1285	writing_aii_0001.txt	writing aii_0001	5.2219281	1.8093986
## 1286	writing_aii_0001.txt	writing aii_0001	5.5638562	2.3324793
## 1287	writing_aii_0001.txt	writing aii_0001	5.7483943	2.8776287
## 1288	writing_aii_0001.txt	writing aii_0001	5.9077148	3.3789263
## 1289	writing_aii_0001.txt	writing aii_0001	6.0469281	3.9517932
## 1290	writing_aii_0001.txt	writing aii_0001	6.1501321	4.3947307
## 1291	writing_aii_0001.txt	writing aii_0001	6.2763073	4.7847044
## 1292	writing_arb_0001.txt	writing arb_0001	3.3219281	0.4432150
## 1293	writing_arb_0001.txt	writing arb_0001	4.2219281	0.8377454
## 1294	writing_arb_0001.txt	writing arb_0001	4.7735573	1.2931767
## 1295	writing_arb_0001.txt	writing arb_0001	5.2219281	1.8129056
## 1296	writing_arb_0001.txt	writing arb_0001	5.5638562	2.3636042
## 1297	writing_arb_0001.txt	writing arb_0001	5.7276425	2.8414232
## 1298	writing_arb_0001.txt	writing arb_0001	5.8899275	3.3335362
## 1299	writing_arb_0001.txt	writing arb_0001	6.0530559	3.8748890
## 1300	writing_arb_0001.txt	writing arb_0001	6.1610260	4.3814068
## 1301	writing_arb_0001.txt	writing arb_0001	6.2661118	4.7489203
## 1302	writing_azj_0001.txt	writing azj_0001	3.3219281	0.4432150
## 1303	writing_azj_0001.txt	writing azj_0001	4.0841837	0.8196132
## 1304	writing_azj_0001.txt	writing azj_0001	4.6402239	1.2733724
## 1305	writing_azj_0001.txt	writing azj_0001	4.9816871	1.7408144
## 1306	writing_azj_0001.txt	writing azj_0001	5.2108265	2.2371074
## 1307	writing_azj_0001.txt	writing azj_0001	5.4334511	2.7437899
## 1308	writing_azj_0001.txt	writing azj_0001	5.6613561	3.3063978
## 1309	writing_azj_0001.txt	writing azj_0001	5.8624920	3.8483130
## 1310	writing_azj_0001.txt	writing azj_0001	6.0222457	4.4190896
## 1311	writing_azj_0001.txt	writing azj_0001	6.1287584	4.8193807
## 1312	writing_azj_0002.txt	writing azj_0002	3.3219281	0.4432150
## 1313	writing_azj_0002.txt	writing azj_0002	4.0841837	0.8196132
## 1314	writing_azj_0002.txt	writing azj_0002	4.6402239	1.2733724
## 1315	writing_azj_0002.txt	writing azj_0002	4.9816871	1.7408144
## 1316	writing_azj_0002.txt	writing azj_0002	5.2108265	2.2371074
## 1317	writing_azj_0002.txt	writing azj_0002	5.4334511	2.7437899
## 1318	writing_azj_0002.txt	writing azj_0002	5.6613561	3.3063978
## 1319	writing_azj_0002.txt	writing azj_0002	5.8624920	3.8483130
## 1320	writing_azj_0002.txt	writing azj_0002	6.0222457	4.4190896
## 1321	writing_azj_0002.txt	writing azj_0002	6.1287584	4.8193807
## 1322	writing_ben_0001.txt	writing ben_0001	3.3219281	0.4432150
## 1323	writing_ben_0001.txt	writing ben_0001	4.2219281	0.8381154
## 1324	writing_ben_0001.txt	writing ben_0001	4.6150610	1.2400427
## 1325	writing_ben_0001.txt	writing ben_0001	5.1030559	1.7597716
## 1326	writing_ben_0001.txt	writing ben_0001	5.3087584	2.2295895
## 1327	writing_ben_0001.txt	writing ben_0001	5.5341485	2.7457021
## 1328	writing_ben_0001.txt	writing ben_0001	5.6969307	3.2484345
## 1329	writing_ben_0001.txt	writing ben_0001	5.8436198	3.7597986
## 1330	writing_ben_0001.txt	writing ben_0001	6.0666902	4.3303159
## 1331	writing_ben_0001.txt	writing ben_0001	6.2051132	4.7308257
## 1332	writing_blt_0001.txt	writing blt_0001	3.3219281	0.4432150
## 1333	writing_blt_0001.txt	writing blt_0001	4.2219281	0.8381154
## 1334	writing_blt_0001.txt	writing blt_0001	4.7068906	1.2681279
## 1335	writing_blt_0001.txt	writing blt_0001	4.8841837	1.6436375
## 1336	writing_blt_0001.txt	writing blt_0001	5.2136607	2.1388033

## 1337	writing_blt_0001.txt	writing blt_0001	5.3483943	2.5279958
## 1338	writing_blt_0001.txt	writing blt_0001	5.5077148	2.9594848
## 1339	writing_blt_0001.txt	writing blt_0001	5.6686198	3.3708045
## 1340	writing_blt_0001.txt	writing blt_0001	5.7293065	3.7223387
## 1341	writing_blt_0001.txt	writing blt_0001	5.8424665	4.0128946
## 1342	writing_bod_0001.txt	writing bod_0001	3.3219281	0.4432150
## 1343	writing_bod_0001.txt	writing bod_0001	4.3219281	0.8593551
## 1344	writing_bod_0001.txt	writing bod_0001	4.9068906	1.3374042
## 1345	writing_bod_0001.txt	writing bod_0001	5.3219281	1.8571330
## 1346	writing_bod_0001.txt	writing bod_0001	5.6438562	2.4078316
## 1347	writing_bod_0001.txt	writing bod_0001	5.9068906	2.9823942
## 1348	writing_bod_0001.txt	writing bod_0001	6.1292830	3.5750022
## 1349	writing_bod_0001.txt	writing bod_0001	6.3219281	4.1791088
## 1350	writing_bod_0001.txt	writing bod_0001	6.4918531	4.7816731
## 1351	writing_bod_0001.txt	writing bod_0001	6.6438562	5.2476499
## 1352	writing_bos_0001.txt	writing bos_0001	3.1219281	0.4266053
## 1353	writing_bos_0001.txt	writing bos_0001	4.0841837	0.8211358
## 1354	writing_bos_0001.txt	writing bos_0001	4.3735573	1.1617652
## 1355	writing_bos_0001.txt	writing bos_0001	4.8530559	1.6554468
## 1356	writing_bos_0001.txt	writing bos_0001	5.1014679	2.1239618
## 1357	writing_bos_0001.txt	writing bos_0001	5.2875363	2.6107845
## 1358	writing_bos_0001.txt	writing bos_0001	5.5362862	3.1736215
## 1359	writing_bos_0001.txt	writing bos_0001	5.5984993	3.5605170
## 1360	writing_bos_0001.txt	writing bos_0001	5.7372292	4.0667816
## 1361	writing_bos_0001.txt	writing bos_0001	5.7959163	4.3200846
## 1362	writing_bos_0002.txt	writing bos_0002	3.1219281	0.4266053
## 1363	writing_bos_0002.txt	writing bos_0002	4.0841837	0.8211358
## 1364	writing_bos_0002.txt	writing bos_0002	4.3735573	1.1617652
## 1365	writing_bos_0002.txt	writing bos_0002	4.8530559	1.6554468
## 1366	writing_bos_0002.txt	writing bos_0002	5.1014679	2.1239618
## 1367	writing_bos_0002.txt	writing bos_0002	5.2875363	2.6107845
## 1368	writing_bos_0002.txt	writing bos_0002	5.5362862	3.1736215
## 1369	writing_bos_0002.txt	writing bos_0002	5.5984993	3.5605170
## 1370	writing_bos_0002.txt	writing bos_0002	5.7372292	4.0667816
## 1371	writing_bos_0002.txt	writing bos_0002	5.7959163	4.3200846
## 1372	writing_chr_0001.txt	writing chr_0001	3.1219281	0.4352902
## 1373	writing_chr_0001.txt	writing chr_0001	3.9219281	0.7937490
## 1374	writing_chr_0001.txt	writing chr_0001	4.5483943	1.2477613
## 1375	writing_chr_0001.txt	writing chr_0001	4.8030559	1.6644062
## 1376	writing_chr_0001.txt	writing chr_0001	5.1087584	2.1591125
## 1377	writing_chr_0001.txt	writing chr_0001	5.2614063	2.5783739
## 1378	writing_chr_0001.txt	writing chr_0001	5.3646289	2.9788810
## 1379	writing_chr_0001.txt	writing chr_0001	5.4979763	3.4893794
## 1380	writing_chr_0001.txt	writing chr_0001	5.6276927	3.9956497
## 1381	writing_chr_0001.txt	writing chr_0001	5.8208186	4.4285531
## 1382	writing_cmn_0001.txt	writing cmn_0001	3.3219281	0.4432150
## 1383	writing_cmn_0001.txt	writing cmn_0001	4.3219281	0.8593551
## 1384	writing_cmn_0001.txt	writing cmn_0001	4.9068906	1.3374042
## 1385	writing_cmn_0001.txt	writing cmn_0001	5.2719281	1.8571330
## 1386	writing_cmn_0001.txt	writing cmn_0001	5.3887584	2.4078316
## 1387	writing_cmn_0001.txt	writing cmn_0001	5.5199026	2.9823942
## 1388	writing_cmn_0001.txt	writing cmn_0001	5.6269793	3.5750022
## 1389	writing_cmn_0001.txt	writing cmn_0001	5.6969281	4.1791088
## 1390	writing_cmn_0001.txt	writing cmn_0001	5.8050360	4.7816731

## 1391	writing_cm_n_0001.txt	writing cmn_0001	5.8835770	5.2476499
## 1392	writing_cm_n_0002.txt	writing cmn_0002	3.3219281	0.4432150
## 1393	writing_cm_n_0002.txt	writing cmn_0002	4.3219281	0.8593551
## 1394	writing_cm_n_0002.txt	writing cmn_0002	4.9068906	1.3374042
## 1395	writing_cm_n_0002.txt	writing cmn_0002	5.2719281	1.8571330
## 1396	writing_cm_n_0002.txt	writing cmn_0002	5.3887584	2.4078316
## 1397	writing_cm_n_0002.txt	writing cmn_0002	5.5199026	2.9823942
## 1398	writing_cm_n_0002.txt	writing cmn_0002	5.6861466	3.5750022
## 1399	writing_cm_n_0002.txt	writing cmn_0002	5.6969281	4.1791088
## 1400	writing_cm_n_0002.txt	writing cmn_0002	5.8050360	4.7816731
## 1401	writing_cm_n_0002.txt	writing cmn_0002	5.9319217	5.2476499
## 1402	writing_csw_0001.txt	writing csw_0001	3.3219281	0.4432150
## 1403	writing_csw_0001.txt	writing csw_0001	3.9841837	0.7909237
## 1404	writing_csw_0001.txt	writing csw_0001	4.4402239	1.1981044
## 1405	writing_csw_0001.txt	writing csw_0001	4.7719281	1.6327949
## 1406	writing_csw_0001.txt	writing csw_0001	4.9716634	2.0730393
## 1407	writing_csw_0001.txt	writing csw_0001	5.0542029	2.4936549
## 1408	writing_csw_0001.txt	writing csw_0001	5.2791434	2.9656391
## 1409	writing_csw_0001.txt	writing csw_0001	5.3120033	3.3821467
## 1410	writing_csw_0001.txt	writing csw_0001	5.3627097	3.7923696
## 1411	writing_csw_0001.txt	writing csw_0001	5.4641847	4.0939634
## 1412	writing_div_0001.txt	writing div_0001	3.3219281	0.4432150
## 1413	writing_div_0001.txt	writing div_0001	4.3219281	0.8593551
## 1414	writing_div_0001.txt	writing div_0001	4.8402239	1.3374042
## 1415	writing_div_0001.txt	writing div_0001	5.1530559	1.8053014
## 1416	writing_div_0001.txt	writing div_0001	5.4287584	2.3012874
## 1417	writing_div_0001.txt	writing div_0001	5.6943091	2.8758500
## 1418	writing_div_0001.txt	writing div_0001	5.9077148	3.4684580
## 1419	writing_div_0001.txt	writing div_0001	6.1280559	4.0725646
## 1420	writing_div_0001.txt	writing div_0001	6.2834655	4.6432537
## 1421	writing_div_0001.txt	writing div_0001	6.4038562	5.0766127
## 1422	writing_ell_0001.txt	writing ell_0001	3.3219281	0.4432150
## 1423	writing_ell_0001.txt	writing ell_0001	4.2219281	0.8403183
## 1424	writing_ell_0001.txt	writing ell_0001	4.5735573	1.2478346
## 1425	writing_ell_0001.txt	writing ell_0001	4.7316871	1.6297625
## 1426	writing_ell_0001.txt	writing ell_0001	4.9965656	2.0713200
## 1427	writing_ell_0001.txt	writing ell_0001	5.2199026	2.5496404
## 1428	writing_ell_0001.txt	writing ell_0001	5.4275771	3.0509475
## 1429	writing_ell_0001.txt	writing ell_0001	5.6311640	3.5924805
## 1430	writing_ell_0001.txt	writing ell_0001	5.7626792	4.0235247
## 1431	writing_ell_0001.txt	writing ell_0001	5.9200508	4.3911112
## 1432	writing_eng_0001.txt	writing eng_0001	2.9219281	0.4054725
## 1433	writing_eng_0001.txt	writing eng_0001	3.5841837	0.7351142
## 1434	writing_eng_0001.txt	writing eng_0001	4.0947397	1.1432894
## 1435	writing_eng_0001.txt	writing eng_0001	4.3914461	1.5347123
## 1436	writing_eng_0001.txt	writing eng_0001	4.6634652	1.9746874
## 1437	writing_eng_0001.txt	writing eng_0001	4.7665175	2.3457994
## 1438	writing_eng_0001.txt	writing eng_0001	4.9462438	2.7867760
## 1439	writing_eng_0001.txt	writing eng_0001	5.1780559	3.3284145
## 1440	writing_eng_0001.txt	writing eng_0001	5.3215941	3.7922915
## 1441	writing_eng_0001.txt	writing eng_0001	5.4955253	4.1263581
## 1442	writing_epo_0001.txt	writing epo_0001	3.3219281	0.4432150
## 1443	writing_epo_0001.txt	writing epo_0001	3.7219281	0.7572837
## 1444	writing_epo_0001.txt	writing epo_0001	4.0947397	1.1346398

## 1445	writing_epo_0001.txt	writing epo_0001	4.3914461	1.5510260
## 1446	writing_epo_0001.txt	writing epo_0001	4.7034652	2.0117488
## 1447	writing_epo_0001.txt	writing epo_0001	4.6586597	2.3739631
## 1448	writing_epo_0001.txt	writing epo_0001	4.8705240	2.8760303
## 1449	writing_epo_0001.txt	writing epo_0001	4.9820100	3.3142050
## 1450	writing_epo_0001.txt	writing epo_0001	5.1627723	3.8202201
## 1451	writing_epo_0001.txt	writing epo_0001	5.3180255	4.1766798
## 1452	writing_eus_0001.txt	writing eus_0001	3.3219281	0.4432150
## 1453	writing_eus_0001.txt	writing eus_0001	4.2219281	0.8381154
## 1454	writing_eus_0001.txt	writing eus_0001	4.5483943	1.2147199
## 1455	writing_eus_0001.txt	writing eus_0001	4.9030559	1.6838023
## 1456	writing_eus_0001.txt	writing eus_0001	5.1185629	2.1794308
## 1457	writing_eus_0001.txt	writing eus_0001	5.4001177	2.6965794
## 1458	writing_eus_0001.txt	writing eus_0001	5.5126936	3.1170091
## 1459	writing_eus_0001.txt	writing eus_0001	5.7280559	3.6898760
## 1460	writing_eus_0001.txt	writing eus_0001	5.8474087	4.1362324
## 1461	writing_eus_0001.txt	writing eus_0001	5.9916634	4.5247943
## 1462	writing_gaz_0001.txt	writing gaz_0001	3.3219281	0.4432150
## 1463	writing_gaz_0001.txt	writing gaz_0001	4.2219281	0.8389178
## 1464	writing_gaz_0001.txt	writing gaz_0001	4.8402239	1.3169668
## 1465	writing_gaz_0001.txt	writing gaz_0001	5.1219281	1.7583924
## 1466	writing_gaz_0001.txt	writing gaz_0001	5.3736607	2.2265868
## 1467	writing_gaz_0001.txt	writing gaz_0001	5.5609758	2.7138228
## 1468	writing_gaz_0001.txt	writing gaz_0001	5.6453644	3.1762887
## 1469	writing_gaz_0001.txt	writing gaz_0001	5.8153115	3.7184069
## 1470	writing_gaz_0001.txt	writing gaz_0001	5.8859717	4.1931351
## 1471	writing_gaz_0001.txt	writing gaz_0001	5.9000508	4.4668227
## 1472	writing_guj_0001.txt	writing guj_0001	3.3219281	0.4432150
## 1473	writing_guj_0001.txt	writing guj_0001	4.0841837	0.8204483
## 1474	writing_guj_0001.txt	writing guj_0001	4.5068906	1.2204218
## 1475	writing_guj_0001.txt	writing guj_0001	4.9530559	1.6882537
## 1476	writing_guj_0001.txt	writing guj_0001	5.2365656	2.1845239
## 1477	writing_guj_0001.txt	writing guj_0001	5.5341485	2.7590865
## 1478	writing_guj_0001.txt	writing guj_0001	5.6949063	3.2620425
## 1479	writing_guj_0001.txt	writing guj_0001	5.7874920	3.7314483
## 1480	writing_guj_0001.txt	writing guj_0001	5.9945766	4.2699277
## 1481	writing_guj_0001.txt	writing guj_0001	6.0877598	4.5928673
## 1482	writing_heb_0001.txt	writing heb_0001	3.3219281	0.4432150
## 1483	writing_heb_0001.txt	writing heb_0001	4.3219281	0.8593551
## 1484	writing_heb_0001.txt	writing heb_0001	4.8402239	1.2925178
## 1485	writing_heb_0001.txt	writing heb_0001	5.2719281	1.8122466
## 1486	writing_heb_0001.txt	writing heb_0001	5.6038562	2.3629452
## 1487	writing_heb_0001.txt	writing heb_0001	5.6943091	2.7932914
## 1488	writing_heb_0001.txt	writing heb_0001	5.8613561	3.3254621
## 1489	writing_heb_0001.txt	writing heb_0001	6.0280559	3.8559338
## 1490	writing_heb_0001.txt	writing heb_0001	6.1195223	4.2961419
## 1491	writing_heb_0001.txt	writing heb_0001	6.2487584	4.6635112
## 1492	writing_hin_0001.txt	writing hin_0001	3.1219281	0.4282150
## 1493	writing_hin_0001.txt	writing hin_0001	4.2219281	0.8443551
## 1494	writing_hin_0001.txt	writing hin_0001	4.4817277	1.1984241
## 1495	writing_hin_0001.txt	writing hin_0001	4.8030559	1.6418661
## 1496	writing_hin_0001.txt	writing hin_0001	5.1185629	2.1373598
## 1497	writing_hin_0001.txt	writing hin_0001	5.3817277	2.6538696
## 1498	writing_hin_0001.txt	writing hin_0001	5.5010806	3.1264952

## 1499	writing_hin_0001.txt	writing hin_0001	5.6771305	3.6262311
## 1500	writing_hin_0001.txt	writing hin_0001	5.7431411	4.0572036
## 1501	writing_hin_0001.txt	writing hin_0001	5.9010494	4.4576354
## 1502	writing_hye_0001.txt	writing hye_0001	3.3219281	0.4432150
## 1503	writing_hye_0001.txt	writing hye_0001	4.2219281	0.8389178
## 1504	writing_hye_0001.txt	writing hye_0001	4.6817277	1.2472131
## 1505	writing_hye_0001.txt	writing hye_0001	5.0530559	1.7148686
## 1506	writing_hye_0001.txt	writing hye_0001	5.3087584	2.2101831
## 1507	writing_hye_0001.txt	writing hye_0001	5.5215670	2.7267091
## 1508	writing_hye_0001.txt	writing hye_0001	5.7704342	3.2892052
## 1509	writing_hye_0001.txt	writing hye_0001	5.8936198	3.7993260
## 1510	writing_hye_0001.txt	writing hye_0001	6.0265831	4.2796534
## 1511	writing_hye_0001.txt	writing hye_0001	6.1575643	4.6470197
## 1512	writing_ibt_0001.txt	writing ibt_0001	3.1219281	0.4273654
## 1513	writing_ibt_0001.txt	writing ibt_0001	3.9841837	0.8077061
## 1514	writing_ibt_0001.txt	writing ibt_0001	4.6817277	1.2857552
## 1515	writing_ibt_0001.txt	writing ibt_0001	5.0530559	1.7302758
## 1516	writing_ibt_0001.txt	writing ibt_0001	5.1736607	2.0764782
## 1517	writing_ibt_0001.txt	writing ibt_0001	5.3358129	2.4864213
## 1518	writing_ibt_0001.txt	writing ibt_0001	5.4167930	2.9143119
## 1519	writing_ibt_0001.txt	writing ibt_0001	5.6484993	3.4553818
## 1520	writing_ibt_0001.txt	writing ibt_0001	5.7179782	3.7994174
## 1521	writing_ibt_0001.txt	writing ibt_0001	5.7351760	4.0244517
## 1522	writing_iii_0001.txt	writing iii_0001	3.3219281	0.4432150
## 1523	writing_iii_0001.txt	writing iii_0001	4.3219281	0.8593551
## 1524	writing_iii_0001.txt	writing iii_0001	4.9068906	1.3374042
## 1525	writing_iii_0001.txt	writing iii_0001	5.3219281	1.8571330
## 1526	writing_iii_0001.txt	writing iii_0001	5.4536607	2.4078316
## 1527	writing_iii_0001.txt	writing iii_0001	5.5199026	2.9823942
## 1528	writing_iii_0001.txt	writing iii_0001	5.6861466	3.5750022
## 1529	writing_iii_0001.txt	writing iii_0001	5.7762845	4.1791088
## 1530	writing_iii_0001.txt	writing iii_0001	5.8859717	4.7816731
## 1531	writing_iii_0001.txt	writing iii_0001	6.0257208	5.2476499
## 1532	writing_ike_0001.txt	writing ike_0001	3.1219281	0.4273654
## 1533	writing_ike_0001.txt	writing ike_0001	4.0841837	0.8218958
## 1534	writing_ike_0001.txt	writing ike_0001	4.5735573	1.2541078
## 1535	writing_ike_0001.txt	writing ike_0001	4.9316871	1.7223521
## 1536	writing_ike_0001.txt	writing ike_0001	5.0438562	2.1541391
## 1537	writing_ike_0001.txt	writing ike_0001	5.3609758	2.6995372
## 1538	writing_ike_0001.txt	writing ike_0001	5.5966514	3.2620334
## 1539	writing_ike_0001.txt	writing ike_0001	5.7701910	3.8036719
## 1540	writing_ike_0001.txt	writing ike_0001	6.0014201	4.4062362
## 1541	writing_ike_0001.txt	writing ike_0001	6.0575643	4.7733732
## 1542	writing_jav_0001.txt	writing jav_0001	3.3219281	0.4432150
## 1543	writing_jav_0001.txt	writing jav_0001	4.3219281	0.8593551
## 1544	writing_jav_0001.txt	writing jav_0001	4.9068906	1.3374042
## 1545	writing_jav_0001.txt	writing jav_0001	5.3219281	1.8571330
## 1546	writing_jav_0001.txt	writing jav_0001	5.6438562	2.4078316
## 1547	writing_jav_0001.txt	writing jav_0001	5.8735573	2.9823942
## 1548	writing_jav_0001.txt	writing jav_0001	5.9470703	3.5750022
## 1549	writing_jav_0001.txt	writing jav_0001	6.0316871	4.1791088
## 1550	writing_jav_0001.txt	writing jav_0001	6.1471914	4.7816731
## 1551	writing_jav_0001.txt	writing jav_0001	6.1638562	5.2476499
## 1552	writing_jav_0002.txt	writing jav_0002	3.3219281	0.4432150

## 1553	writing_jav_0002.txt	writing jav_0002	4.3219281	0.8593551
## 1554	writing_jav_0002.txt	writing jav_0002	4.7735573	1.2896120
## 1555	writing_jav_0002.txt	writing jav_0002	5.0719281	1.6981811
## 1556	writing_jav_0002.txt	writing jav_0002	5.2936607	2.1660698
## 1557	writing_jav_0002.txt	writing jav_0002	5.4068906	2.5711427
## 1558	writing_jav_0002.txt	writing jav_0002	5.5648577	3.0733292
## 1559	writing_jav_0002.txt	writing jav_0002	5.6762845	3.5529731
## 1560	writing_jav_0002.txt	writing jav_0002	5.7943987	4.0160719
## 1561	writing_jav_0002.txt	writing jav_0002	5.8895970	4.3228156
## 1562	writing_jpn_0001.txt	writing jpn_0001	3.3219281	0.4432150
## 1563	writing_jpn_0001.txt	writing jpn_0001	4.3219281	0.8593551
## 1564	writing_jpn_0001.txt	writing jpn_0001	4.9068906	1.3374042
## 1565	writing_jpn_0001.txt	writing jpn_0001	5.2719281	1.8571330
## 1566	writing_jpn_0001.txt	writing jpn_0001	5.3887584	2.4078316
## 1567	writing_jpn_0001.txt	writing jpn_0001	5.5199026	2.9823942
## 1568	writing_jpn_0001.txt	writing jpn_0001	5.6269793	3.5750022
## 1569	writing_jpn_0001.txt	writing jpn_0001	5.6969281	4.1791088
## 1570	writing_jpn_0001.txt	writing jpn_0001	5.8050360	4.7816731
## 1571	writing_jpn_0001.txt	writing jpn_0001	5.8835770	5.2476499
## 1572	writing_kal_0001.txt	writing kal_0001	3.3219281	0.4432150
## 1573	writing_kal_0001.txt	writing kal_0001	4.3219281	0.8593551
## 1574	writing_kal_0001.txt	writing kal_0001	4.9068906	1.3374042
## 1575	writing_kal_0001.txt	writing kal_0001	5.2719281	1.8323621
## 1576	writing_kal_0001.txt	writing kal_0001	5.5238562	2.3551358
## 1577	writing_kal_0001.txt	writing kal_0001	5.7276425	2.8624257
## 1578	writing_kal_0001.txt	writing kal_0001	5.9756418	3.4550337
## 1579	writing_kal_0001.txt	writing kal_0001	6.0530559	3.8933015
## 1580	writing_kal_0001.txt	writing kal_0001	6.2000235	4.4314402
## 1581	writing_kal_0001.txt	writing kal_0001	6.2687584	4.7218313
## 1582	writing_kan_0001.txt	writing kan_0001	3.1219281	0.4302902
## 1583	writing_kan_0001.txt	writing kan_0001	4.2219281	0.8464303
## 1584	writing_kan_0001.txt	writing kan_0001	4.7483943	1.3025178
## 1585	writing_kan_0001.txt	writing kan_0001	5.1030559	1.7704150
## 1586	writing_kan_0001.txt	writing kan_0001	5.3736607	2.2583247
## 1587	writing_kan_0001.txt	writing kan_0001	5.6276425	2.8043851
## 1588	writing_kan_0001.txt	writing kan_0001	5.8505719	3.3669930
## 1589	writing_kan_0001.txt	writing kan_0001	6.0780559	3.9710996
## 1590	writing_kan_0001.txt	writing kan_0001	6.1322472	4.4022004
## 1591	writing_kan_0001.txt	writing kan_0001	6.2451132	4.7587364
## 1592	writing_kat_0001.txt	writing kat_0001	3.3219281	0.4432150
## 1593	writing_kat_0001.txt	writing kat_0001	4.0841837	0.8212083
## 1594	writing_kat_0001.txt	writing kat_0001	4.4532359	1.2305680
## 1595	writing_kat_0001.txt	writing kat_0001	4.8841837	1.7242496
## 1596	writing_kat_0001.txt	writing kat_0001	5.0838562	2.1910375
## 1597	writing_kat_0001.txt	writing kat_0001	5.3314018	2.7074125
## 1598	writing_kat_0001.txt	writing kat_0001	5.5296520	3.2304394
## 1599	writing_kat_0001.txt	writing kat_0001	5.7722510	3.8031190
## 1600	writing_kat_0001.txt	writing kat_0001	5.8360803	4.2507686
## 1601	writing_kat_0001.txt	writing kat_0001	5.9667026	4.6400216
## 1602	writing_khm_0001.txt	writing khm_0001	3.3219281	0.4432150
## 1603	writing_khm_0001.txt	writing khm_0001	4.2219281	0.8408529
## 1604	writing_khm_0001.txt	writing khm_0001	4.7483943	1.2948652
## 1605	writing_khm_0001.txt	writing khm_0001	4.9816871	1.7623380
## 1606	writing_khm_0001.txt	writing khm_0001	5.3716634	2.3130366

## 1607	writing_khm_0001.txt	writing khm_0001	5.5460325	2.8295464
## 1608	writing_khm_0001.txt	writing khm_0001	5.8199761	3.4221544
## 1609	writing_khm_0001.txt	writing khm_0001	6.0512845	4.0262609
## 1610	writing_khm_0001.txt	writing khm_0001	6.2512810	4.6288252
## 1611	writing_khm_0001.txt	writing khm_0001	6.4073413	5.0618025
## 1612	writing_kkh_0001.txt	writing kkh_0001	3.3219281	0.4432150
## 1613	writing_kkh_0001.txt	writing kkh_0001	4.3219281	0.8593551
## 1614	writing_kkh_0001.txt	writing kkh_0001	4.9068906	1.3374042
## 1615	writing_kkh_0001.txt	writing kkh_0001	5.3219281	1.8571330
## 1616	writing_kkh_0001.txt	writing kkh_0001	5.6438562	2.4078316
## 1617	writing_kkh_0001.txt	writing kkh_0001	5.9068906	2.9823942
## 1618	writing_kkh_0001.txt	writing kkh_0001	6.1007116	3.5750022
## 1619	writing_kkh_0001.txt	writing kkh_0001	6.2969281	4.1791088
## 1620	writing_kkh_0001.txt	writing kkh_0001	6.4696309	4.7816731
## 1621	writing_kkh_0001.txt	writing kkh_0001	6.5638562	5.2476499
## 1622	writing_kor_0001.txt	writing kor_0001	3.3219281	0.4432150
## 1623	writing_kor_0001.txt	writing kor_0001	4.3219281	0.8593551
## 1624	writing_kor_0001.txt	writing kor_0001	4.9068906	1.3374042
## 1625	writing_kor_0001.txt	writing kor_0001	5.2219281	1.8307060
## 1626	writing_kor_0001.txt	writing kor_0001	5.4438562	2.2994120
## 1627	writing_kor_0001.txt	writing kor_0001	5.7402239	2.8739746
## 1628	writing_kor_0001.txt	writing kor_0001	5.9578544	3.4363606
## 1629	writing_kor_0001.txt	writing kor_0001	6.0780559	3.9784734
## 1630	writing_kor_0001.txt	writing kor_0001	6.2306334	4.5167790
## 1631	writing_kor_0001.txt	writing kor_0001	6.3887584	4.9498310
## 1632	writing_lao_0001.txt	writing lao_0001	2.8464393	0.4136805
## 1633	writing_lao_0001.txt	writing lao_0001	3.4464393	0.7699342
## 1634	writing_lao_0001.txt	writing lao_0001	3.8648531	1.2260217
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## 1636	writing_lao_0001.txt	writing lao_0001	4.3904355	2.1642207
## 1637	writing_lao_0001.txt	writing lao_0001	4.4212514	2.5942971
## 1638	writing_lao_0001.txt	writing lao_0001	4.6137109	3.0962610
## 1639	writing_lao_0001.txt	writing lao_0001	4.8733012	3.6069559
## 1640	writing_lao_0001.txt	writing lao_0001	5.0751888	4.1131388
## 1641	writing_lao_0001.txt	writing lao_0001	5.2174058	4.4475022
## 1642	writing_lug_0001.txt	writing lug_0001	3.3219281	0.4432150
## 1643	writing_lug_0001.txt	writing lug_0001	4.3219281	0.8593551
## 1644	writing_lug_0001.txt	writing lug_0001	4.9068906	1.3374042
## 1645	writing_lug_0001.txt	writing lug_0001	5.2719281	1.8057524
## 1646	writing_lug_0001.txt	writing lug_0001	5.4687584	2.2736112
## 1647	writing_lug_0001.txt	writing lug_0001	5.5800633	2.7320805
## 1648	writing_lug_0001.txt	writing lug_0001	5.7648577	3.2538106
## 1649	writing_lug_0001.txt	writing lug_0001	5.9168484	3.7948805
## 1650	writing_lug_0001.txt	writing lug_0001	6.0789502	4.3225842
## 1651	writing_lug_0001.txt	writing lug_0001	6.1963073	4.6902496
## 1652	writing_mal_0001.txt	writing mal_0001	3.3219281	0.4432150
## 1653	writing_mal_0001.txt	writing mal_0001	4.3219281	0.8593551
## 1654	writing_mal_0001.txt	writing mal_0001	4.9068906	1.3374042
## 1655	writing_mal_0001.txt	writing mal_0001	5.2719281	1.8314866
## 1656	writing_mal_0001.txt	writing mal_0001	5.6038562	2.3821852
## 1657	writing_mal_0001.txt	writing mal_0001	5.8402239	2.9272134
## 1658	writing_mal_0001.txt	writing mal_0001	6.0435687	3.4891749
## 1659	writing_mal_0001.txt	writing mal_0001	6.2469281	4.0932815
## 1660	writing_mal_0001.txt	writing mal_0001	6.3501321	4.5997089

## 1661	writing_mal_0001.txt	writing mal_0001	6.4438562	4.9671411
## 1662	writing_my_a_0001.txt	writing mya_0001	2.8464393	0.4432150
## 1663	writing_my_a_0001.txt	writing mya_0001	3.9841837	0.8389178
## 1664	writing_my_a_0001.txt	writing mya_0001	4.6150610	1.2934646
## 1665	writing_my_a_0001.txt	writing mya_0001	5.1030559	1.8131935
## 1666	writing_my_a_0001.txt	writing mya_0001	5.4687584	2.3371044
## 1667	writing_my_a_0001.txt	writing mya_0001	5.7609758	2.9116670
## 1668	writing_my_a_0001.txt	writing mya_0001	5.9362862	3.5042749
## 1669	writing_my_a_0001.txt	writing mya_0001	5.9936198	4.0769545
## 1670	writing_my_a_0001.txt	writing mya_0001	6.2000235	4.6472216
## 1671	writing_my_a_0001.txt	writing mya_0001	6.3197925	5.0475007
## 1672	writing_pan_0001.txt	writing pan_0001	3.3219281	0.4432150
## 1673	writing_pan_0001.txt	writing pan_0001	4.3219281	0.8593551
## 1674	writing_pan_0001.txt	writing pan_0001	4.8402239	1.3131142
## 1675	writing_pan_0001.txt	writing pan_0001	5.0719281	1.7090891
## 1676	writing_pan_0001.txt	writing pan_0001	5.3887584	2.2329999
## 1677	writing_pan_0001.txt	writing pan_0001	5.5817277	2.7493749
## 1678	writing_pan_0001.txt	writing pan_0001	5.6721402	3.1913443
## 1679	writing_pan_0001.txt	writing pan_0001	5.8124920	3.6604027
## 1680	writing_pan_0001.txt	writing pan_0001	5.8626399	4.0917252
## 1681	writing_pan_0001.txt	writing pan_0001	5.9824665	4.4587915
## 1682	writing_rus_0001.txt	writing rus_0001	3.3219281	0.4432150
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## 1688	writing_rus_0001.txt	writing rus_0001	5.5395086	3.2363477
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## 1690	writing_rus_0001.txt	writing rus_0001	5.7948636	4.1980606
## 1691	writing_rus_0001.txt	writing rus_0001	5.9614679	4.5983421
## 1692	writing_sin_0001.txt	writing sin_0001	3.3219281	0.4432150
## 1693	writing_sin_0001.txt	writing sin_0001	4.3219281	0.8593551
## 1694	writing_sin_0001.txt	writing sin_0001	4.7735573	1.3128697
## 1695	writing_sin_0001.txt	writing sin_0001	5.1719281	1.8325986
## 1696	writing_sin_0001.txt	writing sin_0001	5.3887584	2.3832972
## 1697	writing_sin_0001.txt	writing sin_0001	5.5943091	2.8709113
## 1698	writing_sin_0001.txt	writing sin_0001	5.8613561	3.4635193
## 1699	writing_sin_0001.txt	writing sin_0001	5.9936198	4.0362919
## 1700	writing_sin_0001.txt	writing sin_0001	6.1376942	4.6070684
## 1701	writing_sin_0001.txt	writing sin_0001	6.2500154	5.0073595
## 1702	writing_tam_0001.txt	writing tam_0001	3.1219281	0.4432150
## 1703	writing_tam_0001.txt	writing tam_0001	4.2219281	0.8593551
## 1704	writing_tam_0001.txt	writing tam_0001	4.8402239	1.3374042
## 1705	writing_tam_0001.txt	writing tam_0001	5.1530559	1.8571330
## 1706	writing_tam_0001.txt	writing tam_0001	5.5087584	2.4078316
## 1707	writing_tam_0001.txt	writing tam_0001	5.7609758	2.9823942
## 1708	writing_tam_0001.txt	writing tam_0001	5.9470703	3.5444596
## 1709	writing_tam_0001.txt	writing tam_0001	6.1374920	4.1170472
## 1710	writing_tam_0001.txt	writing tam_0001	6.3056877	4.7196115
## 1711	writing_tam_0001.txt	writing tam_0001	6.4763073	5.1528926
## 1712	writing_tel_0001.txt	writing tel_0001	3.3219281	0.4432150
## 1713	writing_tel_0001.txt	writing tel_0001	4.3219281	0.8593551
## 1714	writing_tel_0001.txt	writing tel_0001	4.9068906	1.3374042

## 1715	writing_tel_0001.txt	writing tel_0001	5.3219281	1.8571330
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## 1717	writing_tel_0001.txt	writing tel_0001	5.9068906	2.9823942
## 1718	writing_tel_0001.txt	writing tel_0001	6.1007116	3.5444596
## 1719	writing_tel_0001.txt	writing tel_0001	6.2624920	4.1176170
## 1720	writing_tel_0001.txt	writing tel_0001	6.4390210	4.7201813
## 1721	writing_tel_0001.txt	writing tel_0001	6.5763073	5.1530114
## 1722	writing_tgl_0001.txt	writing tgl_0001	3.1219281	0.4273654
## 1723	writing_tgl_0001.txt	writing tgl_0001	3.8841837	0.7837490
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## 1725	writing_tgl_0001.txt	writing tgl_0001	4.4816871	1.5472742
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## 1727	writing_tgl_0001.txt	writing tgl_0001	4.7297374	2.2910978
## 1728	writing_tgl_0001.txt	writing tgl_0001	4.7856386	2.5922515
## 1729	writing_tgl_0001.txt	writing tgl_0001	4.8921713	3.0405624
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## 1732	writing_tha_0001.txt	writing tha_0001	3.3219281	0.4432150
## 1733	writing_tha_0001.txt	writing tha_0001	4.3219281	0.8593551
## 1734	writing_tha_0001.txt	writing tha_0001	4.9068906	1.3374042
## 1735	writing_tha_0001.txt	writing tha_0001	5.3219281	1.8571330
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## 1737	writing_tha_0001.txt	writing tha_0001	5.8402239	2.9254005
## 1738	writing_tha_0001.txt	writing tha_0001	5.9864259	3.4571354
## 1739	writing_tha_0001.txt	writing tha_0001	6.1173715	3.9985753
## 1740	writing_tha_0001.txt	writing tha_0001	6.1905263	4.5046738
## 1741	writing_tha_0001.txt	writing tha_0001	6.2308265	4.8283204
## 1742	writing_tir_0001.txt	writing tir_0001	3.3219281	0.4432150
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## 1744	writing_tir_0001.txt	writing tir_0001	4.8402239	1.3151070
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## 1746	writing_tir_0001.txt	writing tir_0001	5.5238562	2.3036163
## 1747	writing_tir_0001.txt	writing tir_0001	5.6735573	2.7540418
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## 1749	writing_tir_0001.txt	writing tir_0001	6.0124920	3.8290877
## 1750	writing_tir_0001.txt	writing tir_0001	6.0834655	4.2447641
## 1751	writing_tir_0001.txt	writing tir_0001	6.1687584	4.5792755
## 1752	writing_vai_0001.txt	writing vai_0001	3.3219281	0.4432150
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## 1754	writing_vai_0001.txt	writing vai_0001	4.7068906	1.2681659
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## 1757	writing_vai_0001.txt	writing vai_0001	5.2667844	2.5198212
## 1758	writing_vai_0001.txt	writing vai_0001	5.4733381	3.0115512
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## 1761	writing_vai_0001.txt	writing vai_0001	5.6574042	3.9752288
## 1762	writing_zgh_0001.txt	writing zgh_0001	3.1219281	0.4291782
## 1763	writing_zgh_0001.txt	writing zgh_0001	3.9219281	0.8045442
## 1764	writing_zgh_0001.txt	writing zgh_0001	4.2280730	1.1578736
## 1765	writing_zgh_0001.txt	writing zgh_0001	4.6117688	1.6269819
## 1766	writing_zgh_0001.txt	writing zgh_0001	4.8536607	2.0393426
## 1767	writing_zgh_0001.txt	writing zgh_0001	5.0854871	2.5271943
## 1768	writing_zgh_0001.txt	writing zgh_0001	5.1533057	2.9688358

## 1769	writing_zgh_0001.txt	writing zgh_0001	5.2172984	3.3751769
## 1770	writing_zgh_0001.txt	writing zgh_0001	5.3755839	3.8812855
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## 1772	writing_zul_0001.txt	writing zul_0001	3.3219281	0.4432150
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## 1776	writing_zul_0001.txt	writing zul_0001	5.5087584	2.3327820
## 1777	writing_zul_0001.txt	writing zul_0001	5.7943091	2.9073446
## 1778	writing_zul_0001.txt	writing zul_0001	5.9292830	3.3691179
## 1779	writing_zul_0001.txt	writing zul_0001	6.1018076	3.9108408
## 1780	writing_zul_0001.txt	writing zul_0001	6.2739682	4.4810264
## 1781	writing_zul_0001.txt	writing zul_0001	6.4277598	4.9143854
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## 1	1.00000000	10		
## 2	0.80000000	20		
## 3	0.53333333	30		
## 4	0.45000000	40		
## 5	0.36000000	50		
## 6	0.30000000	60		
## 7	0.25714286	70		
## 8	0.22500000	80		
## 9	0.20000000	90		
## 10	0.18000000	100		
## 11	1.00000000	10		
## 12	0.85000000	20		
## 13	0.66666667	30		
## 14	0.52500000	40		
## 15	0.46000000	50		
## 16	0.38333333	60		
## 17	0.32857143	70		
## 18	0.28750000	80		
## 19	0.26666667	90		
## 20	1.00000000	10		
## 21	0.60000000	20		
## 22	0.63333333	30		
## 23	0.52500000	40		
## 24	0.46000000	50		
## 25	0.38333333	60		
## 26	0.32857143	70		
## 27	0.30000000	80		
## 28	0.26666667	90		
## 29	0.24000000	100		
## 30	0.60000000	10		
## 31	0.60000000	20		
## 32	0.46666667	30		
## 33	0.37500000	40		
## 34	0.38000000	50		
## 35	0.31666667	60		
## 36	0.30000000	70		
## 37	0.27500000	80		
## 38	0.25555556	90		
## 39	0.23000000	100		
## 40	1.00000000	10		

## 41	0.65000000	20
## 42	0.63333333	30
## 43	0.57500000	40
## 44	0.48000000	50
## 45	0.41666667	60
## 46	1.00000000	10
## 47	0.60000000	20
## 48	0.50000000	30
## 49	0.37500000	40
## 50	0.38000000	50
## 51	0.36666667	60
## 52	0.34285714	70
## 53	0.31250000	80
## 54	0.27777778	90
## 55	0.26000000	100
## 56	0.90000000	10
## 57	0.95000000	20
## 58	0.90000000	30
## 59	0.82500000	40
## 60	0.80000000	50
## 61	0.68333333	60
## 62	0.64285714	70
## 63	0.60000000	80
## 64	0.55555556	90
## 65	0.51000000	100
## 66	0.80000000	10
## 67	0.85000000	20
## 68	0.76666667	30
## 69	0.72500000	40
## 70	0.68000000	50
## 71	0.56666667	60
## 72	0.50000000	70
## 73	0.48750000	80
## 74	0.47777778	90
## 75	0.45000000	100
## 76	0.90000000	10
## 77	0.55000000	20
## 78	0.43333333	30
## 79	0.32500000	40
## 80	0.32000000	50
## 81	0.26666667	60
## 82	0.24285714	70
## 83	0.70000000	10
## 84	0.50000000	20
## 85	0.53333333	30
## 86	0.52500000	40
## 87	0.46000000	50
## 88	0.43333333	60
## 89	0.38571429	70
## 90	0.33750000	80
## 91	0.30000000	90
## 92	0.27000000	100
## 93	0.60000000	10
## 94	1.00000000	10

## 95	0.90000000	10
## 96	0.75000000	20
## 97	0.73333333	30
## 98	0.60000000	40
## 99	0.60000000	50
## 100	0.56666667	60
## 101	0.55714286	70
## 102	0.52500000	80
## 103	0.46666667	90
## 104	0.42000000	100
## 105	0.50000000	10
## 106	0.55000000	20
## 107	0.43333333	30
## 108	0.47500000	40
## 109	0.48000000	50
## 110	0.46666667	60
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## 113	0.42222222	90
## 114	0.38000000	100
## 115	0.70000000	10
## 116	0.60000000	20
## 117	0.56666667	30
## 118	0.42500000	40
## 119	0.34000000	50
## 120	0.87500000	10
## 121	0.30000000	10
## 122	0.20000000	20
## 123	0.20000000	30
## 124	0.27500000	40
## 125	0.32000000	50
## 126	0.40000000	10
## 127	0.20000000	20
## 128	0.13333333	30
## 129	0.50000000	10
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## 143	0.16666667	60
## 144	0.14285714	70
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## 146	0.70000000	20
## 147	0.60000000	30
## 148	0.45000000	40

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## 150	0.30000000	60
## 151	0.30000000	70
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## 153	0.25555556	90
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## 163	0.14444444	90
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## 191	0.37500000	80
## 192	0.33333333	90
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## 869	1.00000000	50
## 870	1.00000000	60
## 871	1.00000000	70
## 872	1.00000000	80
## 873	1.00000000	90
## 874	1.00000000	100
## 875	1.00000000	10
## 876	1.00000000	20
## 877	1.00000000	30
## 878	1.00000000	40
## 879	1.00000000	50
## 880	1.00000000	60
## 881	1.00000000	70
## 882	1.00000000	80
## 883	1.00000000	90
## 884	1.00000000	100
## 885	1.00000000	10
## 886	1.00000000	20
## 887	1.00000000	30
## 888	1.00000000	40
## 889	1.00000000	50
## 890	1.00000000	60
## 891	1.00000000	70
## 892	1.00000000	80
## 893	1.00000000	90
## 894	1.00000000	100
## 895	1.00000000	10
## 896	1.00000000	20
## 897	1.00000000	30
## 898	1.00000000	40
## 899	1.00000000	50
## 900	1.00000000	60
## 901	1.00000000	70
## 902	1.00000000	80
## 903	1.00000000	90
## 904	1.00000000	100

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## 906	0.70000000	20
## 907	0.70000000	30
## 908	0.72500000	40
## 909	0.72000000	50
## 910	0.70000000	60
## 911	0.67142857	70
## 912	0.66250000	80
## 913	0.67777778	90
## 914	0.65000000	100
## 915	1.00000000	10
## 916	1.00000000	20
## 917	1.00000000	30
## 918	1.00000000	40
## 919	1.00000000	50
## 920	1.00000000	60
## 921	1.00000000	70
## 922	1.00000000	80
## 923	1.00000000	90
## 924	1.00000000	100
## 925	1.00000000	10
## 926	1.00000000	20
## 927	1.00000000	30
## 928	1.00000000	40
## 929	1.00000000	50
## 930	1.00000000	60
## 931	1.00000000	70
## 932	1.00000000	80
## 933	1.00000000	90
## 934	1.00000000	100
## 935	1.00000000	10
## 936	1.00000000	20
## 937	1.00000000	30
## 938	1.00000000	40
## 939	1.00000000	50
## 940	1.00000000	60
## 941	1.00000000	70
## 942	1.00000000	80
## 943	1.00000000	90
## 944	1.00000000	100
## 945	1.00000000	10
## 946	1.00000000	20
## 947	1.00000000	30
## 948	1.00000000	40
## 949	1.00000000	50
## 950	1.00000000	60
## 951	1.00000000	70
## 952	1.00000000	80
## 953	1.00000000	90
## 954	1.00000000	100
## 955	1.00000000	10
## 956	1.00000000	20
## 957	1.00000000	30
## 958	1.00000000	40

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## 960	1.00000000	60
## 961	0.98571429	70
## 962	0.98750000	80
## 963	0.98888889	90
## 964	0.99000000	100
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## 967	1.00000000	30
## 968	1.00000000	40
## 969	1.00000000	50
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## 971	1.00000000	70
## 972	1.00000000	80
## 973	1.00000000	90
## 974	1.00000000	100
## 975	1.00000000	10
## 976	1.00000000	20
## 977	1.00000000	30
## 978	1.00000000	40
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## 980	1.00000000	60
## 981	1.00000000	70
## 982	1.00000000	80
## 983	1.00000000	90
## 984	1.00000000	100
## 985	1.00000000	10
## 986	1.00000000	20
## 987	1.00000000	30
## 988	1.00000000	40
## 989	1.00000000	50
## 990	1.00000000	60
## 991	1.00000000	70
## 992	1.00000000	80
## 993	1.00000000	90
## 994	1.00000000	100
## 995	1.00000000	10
## 996	1.00000000	20
## 997	1.00000000	30
## 998	1.00000000	40
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## 1000	1.00000000	60
## 1001	1.00000000	70
## 1002	1.00000000	80
## 1003	1.00000000	90
## 1004	1.00000000	100
## 1005	0.90000000	10
## 1006	0.95000000	20
## 1007	0.96666667	30
## 1008	0.92500000	40
## 1009	0.90000000	50
## 1010	0.85000000	60
## 1011	0.80000000	70
## 1012	0.80000000	80

##	1013	0.75555556	90
##	1014	0.72000000	100
##	1015	1.00000000	10
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##	1018	0.97500000	40
##	1019	0.94000000	50
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##	1021	0.91428571	70
##	1022	0.90000000	80
##	1023	0.90000000	90
##	1024	0.88000000	100
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##	1027	1.00000000	30
##	1028	1.00000000	40
##	1029	0.96000000	50
##	1030	0.96666667	60
##	1031	0.94285714	70
##	1032	0.92500000	80
##	1033	0.93333333	90
##	1034	0.92000000	100
##	1035	1.00000000	10
##	1036	1.00000000	20
##	1037	1.00000000	30
##	1038	1.00000000	40
##	1039	0.98000000	50
##	1040	0.96666667	60
##	1041	0.95714286	70
##	1042	0.92500000	80
##	1043	0.92222222	90
##	1044	0.91000000	100
##	1045	1.00000000	10
##	1046	1.00000000	20
##	1047	1.00000000	30
##	1048	1.00000000	40
##	1049	0.98000000	50
##	1050	0.98333333	60
##	1051	0.98571429	70
##	1052	0.97500000	80
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##	1058	1.00000000	10
##	1059	1.00000000	10
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##	1061	1.00000000	10
##	1062	1.00000000	10
##	1063	1.00000000	10
##	1064	1.00000000	10
##	1065	1.00000000	20
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##	1074	1.00000000	10
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##	1077	1.00000000	10
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##	1079	1.00000000	10
##	1080	1.00000000	10
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##	1084	1.00000000	10
##	1085	1.00000000	10
##	1086	1.00000000	10
##	1087	1.00000000	10
##	1088	1.00000000	10
##	1089	1.00000000	10
##	1090	1.00000000	10
##	1091	1.00000000	10
##	1092	1.00000000	10
##	1093	1.00000000	10
##	1094	1.00000000	10
##	1095	1.00000000	10
##	1096	1.00000000	10
##	1097	1.00000000	10
##	1098	1.00000000	10
##	1099	1.00000000	10
##	1100	1.00000000	10
##	1101	1.00000000	10
##	1102	1.00000000	10
##	1103	1.00000000	10
##	1104	1.00000000	10
##	1105	1.00000000	10
##	1106	1.00000000	10
##	1107	0.90000000	10
##	1108	1.00000000	10
##	1109	0.90000000	10
##	1110	0.90000000	10
##	1111	1.00000000	10
##	1112	1.00000000	10
##	1113	1.00000000	10
##	1114	0.88888889	10
##	1115	1.00000000	10
##	1116	1.00000000	10
##	1117	1.00000000	10
##	1118	1.00000000	10
##	1119	1.00000000	10
##	1120	0.90000000	20

## 1121	1.00000000	10
## 1122	1.00000000	10
## 1123	0.90000000	10
## 1124	0.80000000	20
## 1125	0.70000000	30
## 1126	0.60000000	40
## 1127	0.50000000	50
## 1128	0.43333333	60
## 1129	0.38571429	70
## 1130	0.35000000	80
## 1131	0.31111111	90
## 1132	0.30000000	100
## 1133	0.60000000	10
## 1134	0.70000000	20
## 1135	0.66666667	30
## 1136	0.62500000	40
## 1137	0.62000000	50
## 1138	0.61666667	60
## 1139	0.64285714	70
## 1140	0.65000000	80
## 1141	0.68888889	90
## 1142	0.70000000	100
## 1143	0.80000000	10
## 1144	0.75000000	20
## 1145	0.66666667	30
## 1146	0.62500000	40
## 1147	0.64000000	50
## 1148	0.61666667	60
## 1149	0.57142857	70
## 1150	0.57500000	80
## 1151	0.56666667	90
## 1152	0.61000000	100
## 1153	1.00000000	10
## 1154	0.90000000	20
## 1155	0.90000000	30
## 1156	0.90000000	40
## 1157	0.88000000	50
## 1158	0.88333333	60
## 1159	0.87142857	70
## 1160	0.85000000	80
## 1161	0.84444444	90
## 1162	0.85000000	100
## 1163	1.00000000	10
## 1164	0.80000000	20
## 1165	0.80000000	30
## 1166	0.77500000	40
## 1167	0.70000000	50
## 1168	0.68333333	60
## 1169	0.68571429	70
## 1170	0.67500000	80
## 1171	0.68888889	90
## 1172	0.69000000	100
## 1173	0.80000000	10
## 1174	0.45000000	20

## 1175	0.63333333	30
## 1176	0.72500000	40
## 1177	0.72000000	50
## 1178	0.76666667	60
## 1179	0.72857143	70
## 1180	0.71250000	80
## 1181	0.68888889	90
## 1182	0.69000000	100
## 1183	0.90000000	10
## 1184	0.90000000	20
## 1185	1.00000000	10
## 1186	1.00000000	20
## 1187	1.00000000	30
## 1188	0.97500000	40
## 1189	0.98000000	50
## 1190	0.98333333	60
## 1191	0.98571429	70
## 1192	0.97500000	80
## 1193	0.96666667	90
## 1194	0.96000000	100
## 1195	1.00000000	10
## 1196	0.75000000	20
## 1197	0.70000000	30
## 1198	0.62500000	40
## 1199	0.66000000	50
## 1200	0.61666667	60
## 1201	0.55714286	70
## 1202	0.55000000	80
## 1203	1.00000000	10
## 1204	0.90000000	20
## 1205	0.73333333	30
## 1206	0.60000000	40
## 1207	0.56000000	50
## 1208	0.51666667	60
## 1209	0.48571429	70
## 1210	0.43750000	80
## 1211	0.42222222	90
## 1212	0.41000000	100
## 1213	1.00000000	10
## 1214	0.95000000	20
## 1215	0.96666667	30
## 1216	0.92500000	40
## 1217	0.92000000	50
## 1218	0.91666667	60
## 1219	0.84285714	70
## 1220	0.81250000	80
## 1221	0.83333333	90
## 1222	0.82000000	100
## 1223	0.90000000	10
## 1224	0.75000000	20
## 1225	0.73333333	30
## 1226	0.62500000	40
## 1227	0.62000000	50
## 1228	0.61666667	60

##	1229	0.57142857	70
##	1230	0.52500000	80
##	1231	0.48888889	90
##	1232	0.47000000	100
##	1233	0.90000000	10
##	1234	0.85000000	20
##	1235	0.76666667	30
##	1236	0.70000000	40
##	1237	0.72000000	50
##	1238	0.71666667	60
##	1239	0.70000000	10
##	1240	0.70000000	20
##	1241	0.66666667	30
##	1242	0.90000000	10
##	1243	0.80000000	20
##	1244	0.73333333	30
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##	1247	0.73333333	30
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##	1250	0.60000000	30
##	1251	0.57500000	40
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##	1253	0.45000000	60
##	1254	0.44285714	70
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##	1256	0.40000000	90
##	1257	0.42000000	100
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##	1259	0.95000000	20
##	1260	0.73333333	30
##	1261	0.57500000	40
##	1262	0.90000000	10
##	1263	0.90000000	20
##	1264	0.80000000	30
##	1265	0.77500000	40
##	1266	0.76000000	50
##	1267	0.76666667	60
##	1268	0.72857143	70
##	1269	0.71250000	80
##	1270	0.65555556	90
##	1271	0.61000000	100
##	1272	0.90000000	10
##	1273	0.80000000	20
##	1274	0.83333333	30
##	1275	0.75000000	40
##	1276	0.68000000	50
##	1277	0.63333333	60
##	1278	0.60000000	70
##	1279	0.58750000	80
##	1280	0.54444444	90
##	1281	0.51000000	100
##	1282	1.00000000	10

## 1283	1.00000000	20
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## 1285	0.95000000	40
## 1286	0.96000000	50
## 1287	0.93333333	60
## 1288	0.90000000	70
## 1289	0.88750000	80
## 1290	0.85555556	90
## 1291	0.85000000	100
## 1292	1.00000000	10
## 1293	0.95000000	20
## 1294	0.93333333	30
## 1295	0.95000000	40
## 1296	0.96000000	50
## 1297	0.91666667	60
## 1298	0.88571429	70
## 1299	0.87500000	80
## 1300	0.85555556	90
## 1301	0.84000000	100
## 1302	1.00000000	10
## 1303	0.90000000	20
## 1304	0.90000000	30
## 1305	0.87500000	40
## 1306	0.86000000	50
## 1307	0.83333333	60
## 1308	0.84285714	70
## 1309	0.83750000	80
## 1310	0.83333333	90
## 1311	0.82000000	100
## 1312	1.00000000	10
## 1313	0.90000000	20
## 1314	0.90000000	30
## 1315	0.87500000	40
## 1316	0.86000000	50
## 1317	0.83333333	60
## 1318	0.84285714	70
## 1319	0.83750000	80
## 1320	0.83333333	90
## 1321	0.82000000	100
## 1322	1.00000000	10
## 1323	0.95000000	20
## 1324	0.86666667	30
## 1325	0.90000000	40
## 1326	0.86000000	50
## 1327	0.85000000	60
## 1328	0.82857143	70
## 1329	0.81250000	80
## 1330	0.83333333	90
## 1331	0.83000000	100
## 1332	1.00000000	10
## 1333	0.95000000	20
## 1334	0.90000000	30
## 1335	0.80000000	40
## 1336	0.80000000	50

## 1337	0.75000000	60
## 1338	0.71428571	70
## 1339	0.70000000	80
## 1340	0.65555556	90
## 1341	0.64000000	100
## 1342	1.00000000	10
## 1343	1.00000000	20
## 1344	1.00000000	30
## 1345	1.00000000	40
## 1346	1.00000000	50
## 1347	1.00000000	60
## 1348	1.00000000	70
## 1349	1.00000000	80
## 1350	1.00000000	90
## 1351	1.00000000	100
## 1352	0.90000000	10
## 1353	0.90000000	20
## 1354	0.76666667	30
## 1355	0.80000000	40
## 1356	0.78000000	50
## 1357	0.76666667	60
## 1358	0.78571429	70
## 1359	0.73750000	80
## 1360	0.73333333	90
## 1361	0.71000000	100
## 1362	0.90000000	10
## 1363	0.90000000	20
## 1364	0.76666667	30
## 1365	0.80000000	40
## 1366	0.78000000	50
## 1367	0.76666667	60
## 1368	0.78571429	70
## 1369	0.73750000	80
## 1370	0.73333333	90
## 1371	0.71000000	100
## 1372	0.90000000	10
## 1373	0.80000000	20
## 1374	0.83333333	30
## 1375	0.77500000	40
## 1376	0.78000000	50
## 1377	0.75000000	60
## 1378	0.71428571	70
## 1379	0.71250000	80
## 1380	0.70000000	90
## 1381	0.72000000	100
## 1382	1.00000000	10
## 1383	1.00000000	20
## 1384	1.00000000	30
## 1385	0.97500000	40
## 1386	0.90000000	50
## 1387	0.86666667	60
## 1388	0.84285714	70
## 1389	0.81250000	80
## 1390	0.80000000	90

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##	1393	1.00000000	20
##	1394	1.00000000	30
##	1395	0.97500000	40
##	1396	0.90000000	50
##	1397	0.86666667	60
##	1398	0.85714286	70
##	1399	0.81250000	80
##	1400	0.80000000	90
##	1401	0.80000000	100
##	1402	1.00000000	10
##	1403	0.85000000	20
##	1404	0.80000000	30
##	1405	0.77500000	40
##	1406	0.74000000	50
##	1407	0.70000000	60
##	1408	0.70000000	70
##	1409	0.66250000	80
##	1410	0.63333333	90
##	1411	0.62000000	100
##	1412	1.00000000	10
##	1413	1.00000000	20
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##	1415	0.92500000	40
##	1416	0.90000000	50
##	1417	0.90000000	60
##	1418	0.90000000	70
##	1419	0.91250000	80
##	1420	0.91111111	90
##	1421	0.90000000	100
##	1422	1.00000000	10
##	1423	0.95000000	20
##	1424	0.86666667	30
##	1425	0.77500000	40
##	1426	0.74000000	50
##	1427	0.73333333	60
##	1428	0.72857143	70
##	1429	0.73750000	80
##	1430	0.72222222	90
##	1431	0.72000000	100
##	1432	0.80000000	10
##	1433	0.70000000	20
##	1434	0.70000000	30
##	1435	0.65000000	40
##	1436	0.64000000	50
##	1437	0.60000000	60
##	1438	0.60000000	70
##	1439	0.62500000	80
##	1440	0.62222222	90
##	1441	0.62000000	100
##	1442	1.00000000	10
##	1443	0.75000000	20
##	1444	0.70000000	30

## 1445	0.65000000	40
## 1446	0.66000000	50
## 1447	0.60000000	60
## 1448	0.60000000	70
## 1449	0.58750000	80
## 1450	0.60000000	90
## 1451	0.60000000	100
## 1452	1.00000000	10
## 1453	0.95000000	20
## 1454	0.83333333	30
## 1455	0.82500000	40
## 1456	0.80000000	50
## 1457	0.81666667	60
## 1458	0.77142857	70
## 1459	0.78750000	80
## 1460	0.76666667	90
## 1461	0.77000000	100
## 1462	1.00000000	10
## 1463	0.95000000	20
## 1464	0.96666667	30
## 1465	0.90000000	40
## 1466	0.88000000	50
## 1467	0.85000000	60
## 1468	0.80000000	70
## 1469	0.80000000	80
## 1470	0.76666667	90
## 1471	0.73000000	100
## 1472	1.00000000	10
## 1473	0.90000000	20
## 1474	0.83333333	30
## 1475	0.85000000	40
## 1476	0.84000000	50
## 1477	0.85000000	60
## 1478	0.84285714	70
## 1479	0.81250000	80
## 1480	0.82222222	90
## 1481	0.80000000	100
## 1482	1.00000000	10
## 1483	1.00000000	20
## 1484	0.96666667	30
## 1485	0.97500000	40
## 1486	0.98000000	50
## 1487	0.90000000	60
## 1488	0.88571429	70
## 1489	0.87500000	80
## 1490	0.84444444	90
## 1491	0.84000000	100
## 1492	0.90000000	10
## 1493	0.95000000	20
## 1494	0.80000000	30
## 1495	0.77500000	40
## 1496	0.78000000	50
## 1497	0.78333333	60
## 1498	0.75714286	70

##	1499	0.75000000	80
##	1500	0.72222222	90
##	1501	0.73000000	100
##	1502	1.00000000	10
##	1503	0.95000000	20
##	1504	0.90000000	30
##	1505	0.87500000	40
##	1506	0.86000000	50
##	1507	0.85000000	60
##	1508	0.85714286	70
##	1509	0.83750000	80
##	1510	0.82222222	90
##	1511	0.81000000	100
##	1512	0.90000000	10
##	1513	0.85000000	20
##	1514	0.90000000	30
##	1515	0.87500000	40
##	1516	0.78000000	50
##	1517	0.73333333	60
##	1518	0.70000000	70
##	1519	0.71250000	80
##	1520	0.67777778	90
##	1521	0.64000000	100
##	1522	1.00000000	10
##	1523	1.00000000	20
##	1524	1.00000000	30
##	1525	1.00000000	40
##	1526	0.92000000	50
##	1527	0.86666667	60
##	1528	0.85714286	70
##	1529	0.83750000	80
##	1530	0.82222222	90
##	1531	0.82000000	100
##	1532	0.90000000	10
##	1533	0.90000000	20
##	1534	0.86666667	30
##	1535	0.85000000	40
##	1536	0.80000000	50
##	1537	0.81666667	60
##	1538	0.82857143	70
##	1539	0.82500000	80
##	1540	0.84444444	90
##	1541	0.83000000	100
##	1542	1.00000000	10
##	1543	1.00000000	20
##	1544	1.00000000	30
##	1545	1.00000000	40
##	1546	1.00000000	50
##	1547	0.98333333	60
##	1548	0.92857143	70
##	1549	0.90000000	80
##	1550	0.88888889	90
##	1551	0.86000000	100
##	1552	1.00000000	10

## 1553	1.00000000	20
## 1554	0.93333333	30
## 1555	0.87500000	40
## 1556	0.84000000	50
## 1557	0.78333333	60
## 1558	0.77142857	70
## 1559	0.75000000	80
## 1560	0.73333333	90
## 1561	0.72000000	100
## 1562	1.00000000	10
## 1563	1.00000000	20
## 1564	1.00000000	30
## 1565	0.97500000	40
## 1566	0.90000000	50
## 1567	0.86666667	60
## 1568	0.84285714	70
## 1569	0.81250000	80
## 1570	0.80000000	90
## 1571	0.79000000	100
## 1572	1.00000000	10
## 1573	1.00000000	20
## 1574	1.00000000	30
## 1575	0.97500000	40
## 1576	0.94000000	50
## 1577	0.91666667	60
## 1578	0.92857143	70
## 1579	0.87500000	80
## 1580	0.86666667	90
## 1581	0.83000000	100
## 1582	0.90000000	10
## 1583	0.95000000	20
## 1584	0.93333333	30
## 1585	0.90000000	40
## 1586	0.88000000	50
## 1587	0.88333333	60
## 1588	0.88571429	70
## 1589	0.90000000	80
## 1590	0.85555556	90
## 1591	0.84000000	100
## 1592	1.00000000	10
## 1593	0.90000000	20
## 1594	0.83333333	30
## 1595	0.85000000	40
## 1596	0.82000000	50
## 1597	0.81666667	60
## 1598	0.81428571	70
## 1599	0.82500000	80
## 1600	0.80000000	90
## 1601	0.80000000	100
## 1602	1.00000000	10
## 1603	0.95000000	20
## 1604	0.93333333	30
## 1605	0.87500000	40
## 1606	0.90000000	50

## 1607	0.88333333	60
## 1608	0.90000000	70
## 1609	0.91250000	80
## 1610	0.92222222	90
## 1611	0.92000000	100
## 1612	1.00000000	10
## 1613	1.00000000	20
## 1614	1.00000000	30
## 1615	1.00000000	40
## 1616	1.00000000	50
## 1617	1.00000000	60
## 1618	0.98571429	70
## 1619	0.98750000	80
## 1620	0.98888889	90
## 1621	0.97000000	100
## 1622	1.00000000	10
## 1623	1.00000000	20
## 1624	1.00000000	30
## 1625	0.95000000	40
## 1626	0.90000000	50
## 1627	0.91666667	60
## 1628	0.91428571	70
## 1629	0.88750000	80
## 1630	0.87777778	90
## 1631	0.88000000	100
## 1632	0.80000000	10
## 1633	0.70000000	20
## 1634	0.66666667	30
## 1635	0.65000000	40
## 1636	0.66000000	50
## 1637	0.63333333	60
## 1638	0.64285714	70
## 1639	0.65000000	80
## 1640	0.64444444	90
## 1641	0.64000000	100
## 1642	1.00000000	10
## 1643	1.00000000	20
## 1644	1.00000000	30
## 1645	0.97500000	40
## 1646	0.92000000	50
## 1647	0.86666667	60
## 1648	0.85714286	70
## 1649	0.85000000	80
## 1650	0.84444444	90
## 1651	0.84000000	100
## 1652	1.00000000	10
## 1653	1.00000000	20
## 1654	1.00000000	30
## 1655	0.97500000	40
## 1656	0.98000000	50
## 1657	0.96666667	60
## 1658	0.95714286	70
## 1659	0.96250000	80
## 1660	0.93333333	90

## 1661	0.91000000	100
## 1662	0.80000000	10
## 1663	0.85000000	20
## 1664	0.86666667	30
## 1665	0.90000000	40
## 1666	0.92000000	50
## 1667	0.93333333	60
## 1668	0.91428571	70
## 1669	0.87500000	80
## 1670	0.88888889	90
## 1671	0.88000000	100
## 1672	1.00000000	10
## 1673	1.00000000	20
## 1674	0.96666667	30
## 1675	0.87500000	40
## 1676	0.88000000	50
## 1677	0.85000000	60
## 1678	0.80000000	70
## 1679	0.77500000	80
## 1680	0.74444444	90
## 1681	0.73000000	100
## 1682	1.00000000	10
## 1683	0.95000000	20
## 1684	0.80000000	30
## 1685	0.80000000	40
## 1686	0.80000000	50
## 1687	0.78333333	60
## 1688	0.80000000	70
## 1689	0.75000000	80
## 1690	0.75555556	90
## 1691	0.76000000	100
## 1692	1.00000000	10
## 1693	1.00000000	20
## 1694	0.93333333	30
## 1695	0.92500000	40
## 1696	0.88000000	50
## 1697	0.86666667	60
## 1698	0.88571429	70
## 1699	0.86250000	80
## 1700	0.85555556	90
## 1701	0.84000000	100
## 1702	0.90000000	10
## 1703	0.95000000	20
## 1704	0.96666667	30
## 1705	0.92500000	40
## 1706	0.94000000	50
## 1707	0.93333333	60
## 1708	0.91428571	70
## 1709	0.91250000	80
## 1710	0.91111111	90
## 1711	0.92000000	100
## 1712	1.00000000	10
## 1713	1.00000000	20
## 1714	1.00000000	30

## 1715	1.00000000	40
## 1716	1.00000000	50
## 1717	1.00000000	60
## 1718	0.98571429	70
## 1719	0.97500000	80
## 1720	0.97777778	90
## 1721	0.97000000	100
## 1722	0.90000000	10
## 1723	0.80000000	20
## 1724	0.76666667	30
## 1725	0.67500000	40
## 1726	0.60000000	50
## 1727	0.58333333	60
## 1728	0.54285714	70
## 1729	0.53750000	80
## 1730	0.53333333	90
## 1731	0.54000000	100
## 1732	1.00000000	10
## 1733	1.00000000	20
## 1734	1.00000000	30
## 1735	1.00000000	40
## 1736	0.98000000	50
## 1737	0.96666667	60
## 1738	0.94285714	70
## 1739	0.92500000	80
## 1740	0.90000000	90
## 1741	0.87000000	100
## 1742	1.00000000	10
## 1743	1.00000000	20
## 1744	0.96666667	30
## 1745	0.97500000	40
## 1746	0.94000000	50
## 1747	0.88333333	60
## 1748	0.85714286	70
## 1749	0.85000000	80
## 1750	0.81111111	90
## 1751	0.79000000	100
## 1752	1.00000000	10
## 1753	1.00000000	20
## 1754	0.90000000	30
## 1755	0.82500000	40
## 1756	0.74000000	50
## 1757	0.75000000	60
## 1758	0.74285714	70
## 1759	0.67500000	80
## 1760	0.63333333	90
## 1761	0.61000000	100
## 1762	0.90000000	10
## 1763	0.85000000	20
## 1764	0.73333333	30
## 1765	0.75000000	40
## 1766	0.72000000	50
## 1767	0.71666667	60
## 1768	0.68571429	70

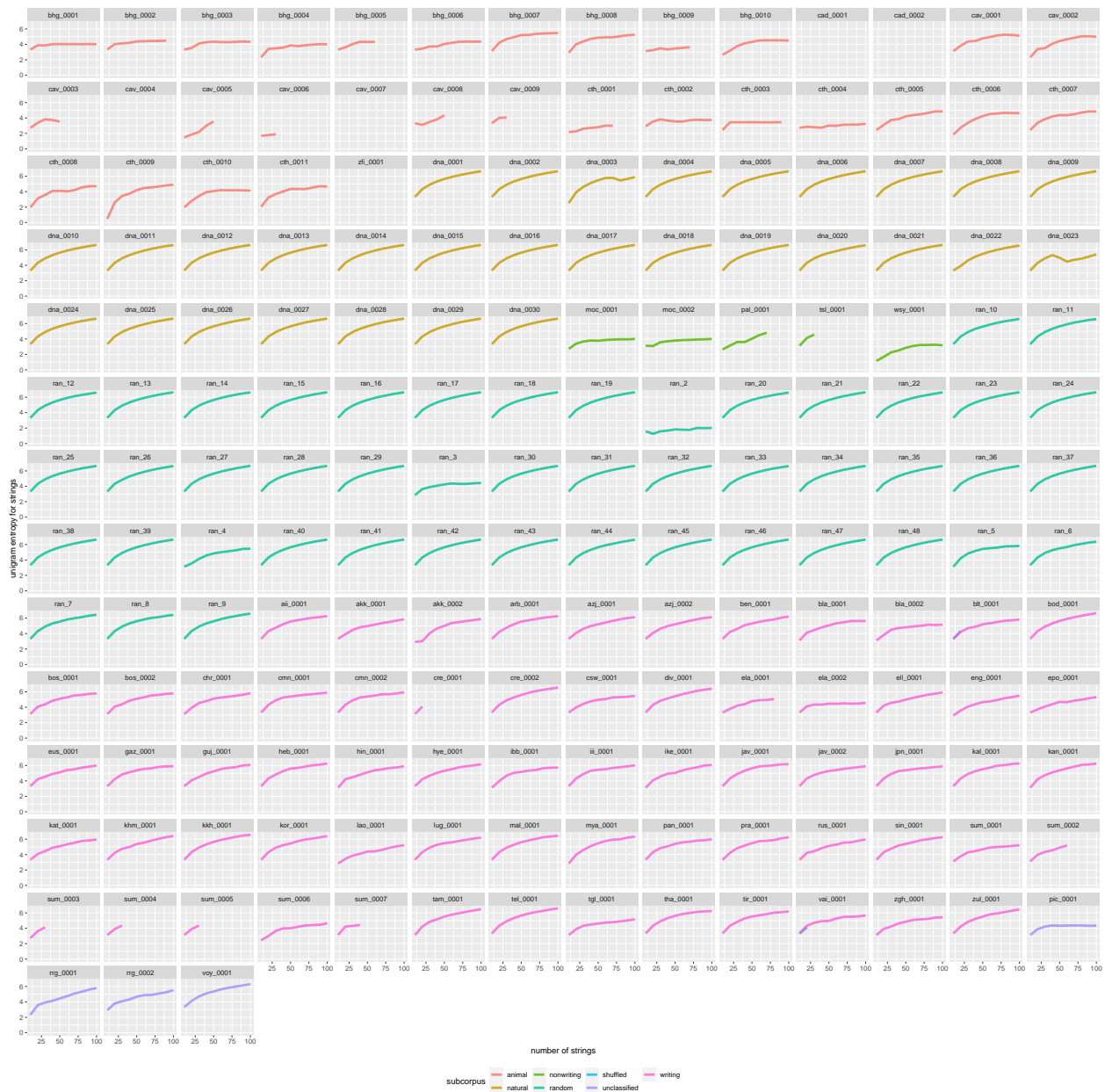
```
## 1769 0.65000000 80
## 1770 0.65555556 90
## 1771 0.64000000 100
## 1772 1.00000000 10
## 1773 0.95000000 20
## 1774 0.96666667 30
## 1775 0.95000000 40
## 1776 0.94000000 50
## 1777 0.95000000 60
## 1778 0.91428571 70
## 1779 0.91250000 80
## 1780 0.91111111 90
## 1781 0.91000000 100
```

Stabilization plots

Unigram entropy stabilization for strings

```
huni.strings.plot <- ggplot(stabilization.df, aes(x = units, y = huni.strings,
                                                  colour = subcorpus)) +
  geom_line(alpha = 0.8, size = 1.5) +
  theme(legend.position = "bottom") +
  labs(x = "number of strings", y = "unigram entropy for strings") +
  facet_wrap(~code)
huni.strings.plot
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```



Safe figure to file

```
ggsave("Figures/stabilization_huni_strings.pdf", huni.strings.plot, dpi = 300,
       scale = 1, device = cairo_pdf)
```

Saving 20 x 20 in image

geom_path: Each group consists of only one observation. Do you need to adjust

the group aesthetic?

geom_path: Each group consists of only one observation. Do you need to adjust

the group aesthetic?

geom_path: Each group consists of only one observation. Do you need to adjust

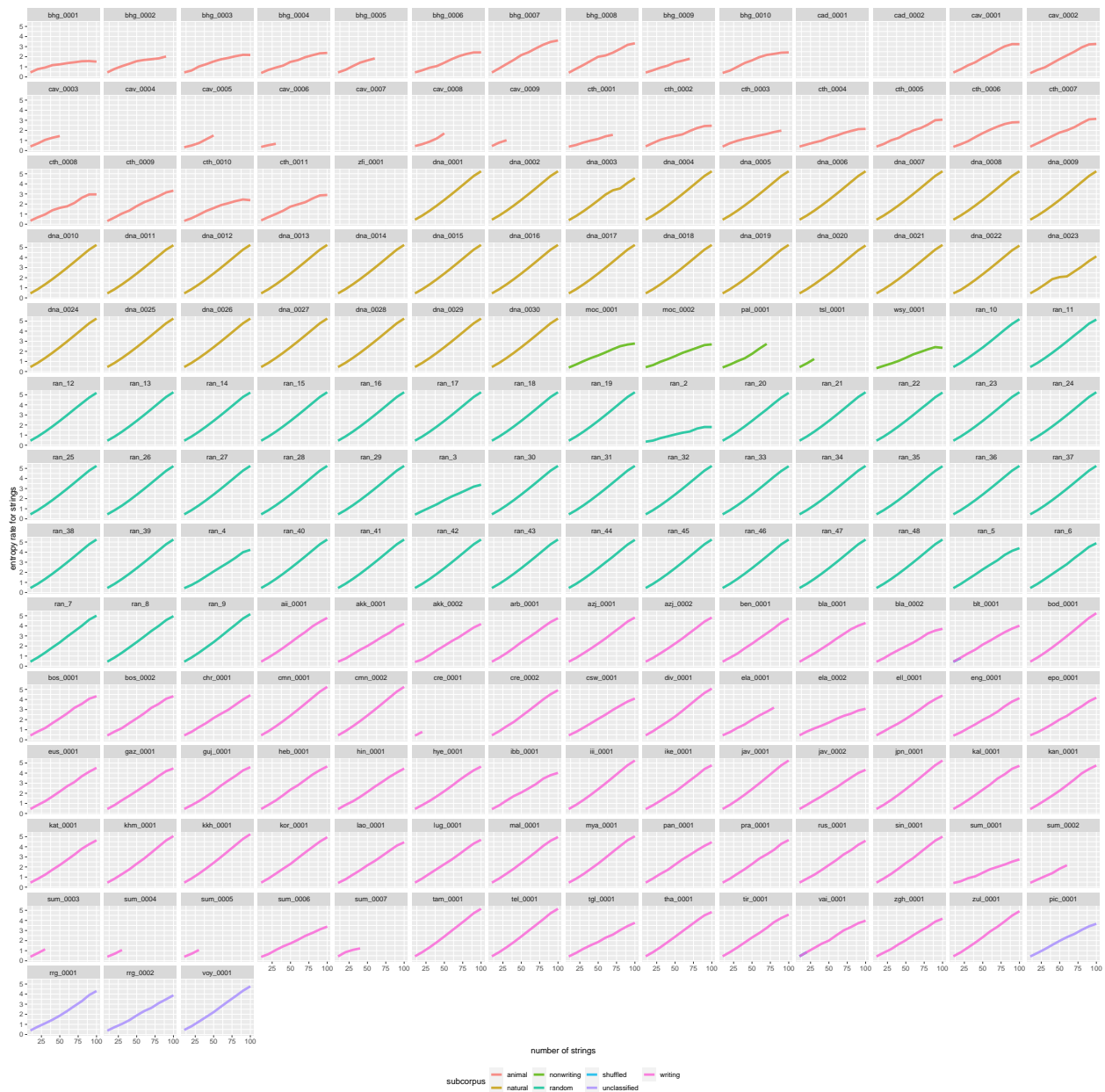
the group aesthetic?

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```

Entropy rate stabilization for strings

```
hrate.strings.plot <- ggplot(stabilization.df, aes(x = units, y = hrate.strings,
                                                    colour = subcorpus)) +
  geom_line(alpha = 0.8, size = 1.5) +
  theme(legend.position = "bottom") +
  labs(x = "number of strings", y = "entropy rate for strings") +
  facet_wrap(~code)
hrate.strings.plot
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```



Safe figure to file

```
ggsave("Figures/stabilization_hrate_strings.pdf", hrate.strings.plot, dpi = 300,
       scale = 1, device = cairo_pdf)
```

```
## Saving 20 x 20 in image
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```



```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```

TTR stabilization for strings

```
ttr.strings.plot <- ggplot(stabilization.df, aes(x = units, y = ttr.strings,
                                                colour = subcorpus)) +
  geom_line(alpha = 0.8, size = 1.5) +
  theme(legend.position = "bottom") +
  labs(x = "number of strings", y = "type-token ratio for strings") +
  facet_wrap(~code)
ttr.strings.plot
```

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```



Safe figure to file

```
ggsave("Figures/stabilization_ttr_strings.pdf", ttr.strings.plot, dpi = 300,
       scale = 1, device = cairo_pdf)
```

Saving 20 x 20 in image

geom_path: Each group consists of only one observation. Do you need to adjust
the group aesthetic?

geom_path: Each group consists of only one observation. Do you need to adjust
the group aesthetic?

geom_path: Each group consists of only one observation. Do you need to adjust
the group aesthetic?

```
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
## geom_path: Each group consists of only one observation. Do you need to adjust
## the group aesthetic?
```