

Assignment-5.R

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```
#Loading Packages
library(cluster)

## Warning: package 'cluster' was built under R version 3.6.3

library(knitr)
library(pander)

## Warning: package 'pander' was built under R version 3.6.3

library(dplyr)

##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

#Loading dataset
rawdata <-
read.csv("C:/Users/nidhi/OneDrive/Desktop/MVA/heart_failure_clinical_records_
dataset.csv")
View(rawdata)

#Identifying different columns names
names(rawdata)

## [1] "age" "anaemia"
## [3] "creatinine_phosphokinase" "diabetes"
## [5] "ejection_fraction" "high_blood_pressure"
## [7] "platelets" "serum_creatinine"
## [9] "serum_sodium" "sex"
## [11] "smoking" "time"
## [13] "DEATH_EVENT"

#Data Summary
str(rawdata)
```

```
## 'data.frame':    299 obs. of  13 variables:
## $ age                : num  75 55 65 50 65 90 75 60 65 80 ...
## $ anaemia            : int   0 0 0 1 1 1 1 1 0 1 ...
## $ creatinine_phosphokinase: int  582 7861 146 111 160 47 246 315 157 123
## ...
## $ diabetes           : int   0 0 0 0 1 0 0 1 0 0 ...
## $ ejection_fraction  : int   20 38 20 20 20 40 15 60 65 35 ...
## $ high_blood_pressure : int   1 0 0 0 0 1 0 0 0 1 ...
## $ platelets           : num  265000 263358 162000 210000 327000 ...
## $ serum_creatinine    : num   1.9 1.1 1.3 1.9 2.7 2.1 1.2 1.1 1.5 9.4
## ...
## $ serum_sodium        : int   130 136 129 137 116 132 137 131 138 133
## ...
## $ sex                 : Factor w/ 2 levels "Female","male": 2 2 2 2 1
2 2 2 1 2 ...
## $ smoking             : int   0 0 1 0 0 1 0 1 0 1 ...
## $ time                : int   4 6 7 7 8 8 10 10 10 10 ...
## $ DEATH_EVENT         : Factor w/ 2 levels "Death","No Death": 2 2 2
2 2 2 2 2 2 2 ...
```

`summary(rawdata)`

```
##      age      anaemia      creatinine_phosphokinase
## Min.   :40.00   Min.   :0.0000   Min.    : 23.0
## 1st Qu.:51.00   1st Qu.:0.0000   1st Qu.: 116.5
## Median :60.00   Median :0.0000   Median : 250.0
## Mean   :60.83   Mean   :0.4314   Mean    : 581.8
## 3rd Qu.:70.00   3rd Qu.:1.0000   3rd Qu.: 582.0
## Max.   :95.00   Max.   :1.0000   Max.    :7861.0
##      diabetes      ejection_fraction      high_blood_pressure      platelets
## Min.   :0.0000   Min.   :14.00   Min.    :0.0000   Min.    : 25100
## 1st Qu.:0.0000   1st Qu.:30.00   1st Qu.:0.0000   1st Qu.:212500
## Median :0.0000   Median :38.00   Median :0.0000   Median :262000
## Mean   :0.4181   Mean   :38.08   Mean    :0.3512   Mean    :263358
## 3rd Qu.:1.0000   3rd Qu.:45.00   3rd Qu.:1.0000   3rd Qu.:303500
## Max.   :1.0000   Max.   :80.00   Max.    :1.0000   Max.    :850000
## serum_creatinine serum_sodium      sex      smoking
## Min.   :0.500   Min.   :113.0   Female:105   Min.    :0.0000
## 1st Qu.:0.900   1st Qu.:134.0   male  :194   1st Qu.:0.0000
## Median :1.100   Median :137.0                   Median :0.0000
## Mean   :1.394   Mean   :136.6                   Mean    :0.3211
## 3rd Qu.:1.400   3rd Qu.:140.0                   3rd Qu.:1.0000
## Max.   :9.400   Max.   :148.0                   Max.    :1.0000
##      time      DEATH_EVENT
## Min.    : 4.0   Death    :203
## 1st Qu.: 73.0   No Death: 96
## Median :115.0
## Mean    :130.3
## 3rd Qu.:203.0
## Max.    :285.0
```

```
head(rawdata)
```

```
##   age anaemia creatinine_phosphokinase diabetes ejection_fraction
## 1  75      0                582      0          20
## 2  55      0                7861     0          38
## 3  65      0                146      0          20
## 4  50      1                111      0          20
## 5  65      1                160      1          20
## 6  90      1                47       0          40
##   high_blood_pressure platelets serum_creatinine serum_sodium sex
## 1                   1    265000             1.9         130  male
## 2                   0    263358             1.1         136  male
## 3                   0    162000             1.3         129  male
## 4                   0    210000             1.9         137  male
## 5                   0    327000             2.7         116 Female
## 6                   1    204000             2.1         132  male
##   smoking time DEATH_EVENT
## 1      0     4    No Death
## 2      0     6    No Death
## 3      1     7    No Death
## 4      0     7    No Death
## 5      0     8    No Death
## 6      1     8    No Death
```

```
dim(rawdata)
```

```
## [1] 299 13
```

```
#Data Cleaning
```

```
#Checking for missing values
```

```
is.null(rawdata)
```

```
## [1] FALSE
```

```
##The "FALSE" output shows there is no missing data in the dataset.
```

```
#Transforming data (Converting 0,1's to meaningful form)
```

```
dataset <- rawdata %>%
  mutate(DEATH_EVENT=ifelse(DEATH_EVENT=="Death",0,1),
         sex=ifelse(sex=="male",1,0)
  ) %>%
  mutate_if(is.character, as.factor) %>%
  dplyr::select(age, anaemia, creatinine_phosphokinase, diabetes,
ejection_fraction, high_blood_pressure, platelets,serum_creatinine,
serum_sodium, sex, smoking, time, DEATH_EVENT)
```

```
View(dataset)
```

```
summary(dataset)
```

```
##      age      anaemia      creatinine_phosphokinase
## Min.   :40.00   Min.   :0.0000   Min.    : 23.0
## 1st Qu.:51.00   1st Qu.:0.0000   1st Qu.: 116.5
## Median :60.00   Median :0.0000   Median : 250.0
## Mean   :60.83   Mean    :0.4314   Mean    : 581.8
## 3rd Qu.:70.00   3rd Qu.:1.0000   3rd Qu.: 582.0
## Max.   :95.00   Max.    :1.0000   Max.    :7861.0
##      diabetes      ejection_fraction      high_blood_pressure      platelets
## Min.   :0.0000   Min.   :14.00   Min.    :0.0000   Min.    : 25100
## 1st Qu.:0.0000   1st Qu.:30.00   1st Qu.:0.0000   1st Qu.:212500
## Median :0.0000   Median :38.00   Median :0.0000   Median :262000
## Mean   :0.4181   Mean    :38.08   Mean    :0.3512   Mean    :263358
## 3rd Qu.:1.0000   3rd Qu.:45.00   3rd Qu.:1.0000   3rd Qu.:303500
## Max.   :1.0000   Max.    :80.00   Max.    :1.0000   Max.    :850000
## serum_creatinine serum_sodium      sex      smoking
## Min.   :0.500   Min.   :113.0   Min.    :0.0000   Min.    :0.0000
## 1st Qu.:0.900   1st Qu.:134.0   1st Qu.:0.0000   1st Qu.:0.0000
## Median :1.100   Median :137.0   Median :1.0000   Median :0.0000
## Mean   :1.394   Mean    :136.6   Mean    :0.6488   Mean    :0.3211
## 3rd Qu.:1.400   3rd Qu.:140.0   3rd Qu.:1.0000   3rd Qu.:1.0000
## Max.   :9.400   Max.    :148.0   Max.    :1.0000   Max.    :1.0000
##      time      DEATH_EVENT
## Min.   : 4.0   Min.   :0.0000
## 1st Qu.:73.0   1st Qu.:0.0000
## Median :115.0   Median :0.0000
## Mean   :130.3   Mean    :0.3211
## 3rd Qu.:203.0   3rd Qu.:1.0000
## Max.   :285.0   Max.    :1.0000
```

```
Heart_disease<-dataset
attach(Heart_disease)
```

```
#Scaling our dataset
```

```
scaled_dataset <- scale(Heart_disease[,1:13])
View(scaled_dataset)
```

```
#Checking if our scaled dataset has null values
```

```
is.null(scaled_dataset)
```

```
## [1] FALSE
```

```
# Creating a (Euclidean) distance matrix of the scaled/standardized data
```

```
Distance <- dist(scaled_dataset, method="euclidean")
Distance
```

```
##      1      2      3      4      5      6
## 2  8.2608089
## 3  3.3694703  8.6280212
## 4  3.9905691  8.4437794  3.7538093
## 5  5.3733855 10.0949282  5.5194141  5.8943317
## 6  3.7442979  9.4168182  4.1189413  4.9437192  6.3063761
```

## 7	3.7022967	8.6178981	3.5995938	2.4072306	6.1886110	4.2074082
## 8	5.8809015	9.0516902	5.3803295	5.4328265	6.0172293	5.0283391
## 9	5.2485810	8.5840284	5.3551194	4.9987427	7.0175374	5.3693951
## 10	8.0778464	12.1470302	8.8939799	8.5795795	8.8200517	7.3672703
## 11	4.0622779	9.5088529	4.7871352	4.9253253	5.8099557	2.8030265
## 12	3.4881948	8.5562370	3.4431604	3.9764720	7.4102787	4.0163255
## 13	4.5325263	7.5667451	4.0391397	1.6934449	6.4486769	5.2538103
## 14	3.7564860	8.4586292	4.6474842	2.7833278	6.4856997	4.3228017
## 15	5.0563804	9.2424999	6.0061200	4.4472051	6.6468312	5.8562408
## 16	4.7349725	8.6396740	4.5898050	4.1122556	6.8968135	3.7723290
## 17	4.2491647	8.6800705	4.6676525	3.6983867	6.8748928	3.7469774
## 18	3.6913827	8.1451542	2.8821980	3.3480796	5.3019610	5.9558510
## 19	3.8741764	8.9494371	4.9635309	3.6138794	6.4781684	4.2339154
## 20	6.1886261	9.3081221	5.6849538	5.6763937	4.3462055	6.2838264
## 21	4.1331122	9.1755812	5.1771338	3.9872491	6.1642582	4.6879527
## 22	4.0318929	9.0539435	5.1699681	4.0130169	5.1848154	4.4905162
## 23	4.1110001	8.7888473	4.2651416	3.8642552	7.2025925	3.0071509
## 24	5.6347846	8.8354569	5.6785251	5.3107837	6.8980664	6.2526576
## 25	3.1735391	8.5532965	4.6586260	4.8043688	5.2778913	4.5159139
## 26	5.2217225	9.0319439	4.4668732	4.9351517	7.8184261	4.5898788
## 27	4.3546413	9.4165885	5.5690937	5.1762160	6.8619153	3.4865909
## 28	3.9794443	8.8739901	4.1524689	5.0413925	6.6818397	3.6488202
## 29	5.4321349	9.5368838	5.6192978	4.2240170	6.3230071	5.4346584
## 30	3.9455070	8.9481519	2.7462369	4.7431279	5.7240963	3.8095960
## 31	3.1425812	8.7336143	4.9182362	5.4403000	6.2521528	3.7254934
## 32	3.5000418	8.7873127	4.3831349	4.6937826	5.7667989	4.0905379
## 33	4.4764032	9.0771659	5.2415255	4.5501661	4.2129287	5.2891065
## 34	5.5491804	9.0115366	5.5028605	3.9030461	5.8289035	6.1406968
## 35	4.2542435	8.7060778	5.0912978	4.6797562	7.3225091	4.7310892
## 36	3.7149485	8.2242646	4.1158114	3.9407083	5.3562896	4.7835997
## 37	4.7633022	9.1072414	5.0464687	4.8132375	5.9762891	3.9018093
## 38	5.6690537	8.9351712	6.8151026	5.7022706	7.7029061	5.1210145
## 39	4.7814037	6.3049869	5.2221185	4.7130804	6.5915202	6.2009226
## 40	5.0934699	8.7285657	5.4703842	4.4218834	6.4376973	5.9593680
## 41	2.3867338	8.3627399	2.7329290	4.1148738	6.3012318	3.2832497
## 42	4.7058985	9.1120229	4.2175817	4.8111252	6.4204743	5.1486666
## 43	4.3283548	8.5244497	4.3144663	5.0458882	7.3270777	3.8564203
## 44	4.1625877	8.9553721	5.1181699	5.3189058	6.6965576	4.6663683
## 45	6.2114675	8.6501300	6.1522575	4.7815998	7.1316089	5.7558341
## 46	4.6291298	8.1326722	3.5787488	4.0818720	6.0326301	5.0960948
## 47	2.4608964	7.2368176	3.7054001	3.7858775	5.7986400	5.0048738
## 48	4.6119794	8.5912683	4.9691938	5.3145767	7.1287804	5.0351333
## 49	3.5218649	9.1830054	4.9819037	4.2788572	5.9982956	3.7429962
## 50	4.8921058	8.6764966	5.1335666	3.2303516	6.1825324	5.4919789
## 51	3.1478449	8.2841416	4.2320115	2.8808074	6.6139373	3.6375379
## 52	4.3826505	9.0858940	5.5331971	3.7402428	6.2699197	5.4263716
## 53	8.6611064	8.0382057	9.2571851	8.2892403	9.7346412	8.8810460
## 54	4.6939487	9.2344196	5.7808730	5.0620546	5.5319174	4.5160591
## 55	5.1061568	8.9923651	4.1713988	4.2315597	4.6069470	4.4487405
## 56	4.0752490	9.0222265	5.1319591	4.8254076	5.6008376	4.1419146

## 57	4.9114336	9.0776333	4.1437903	3.8226893	6.7636297	3.8114513
## 58	5.2498109	8.3881517	4.1452499	3.8690040	7.1748656	4.4674563
## 59	3.5467074	8.0845113	3.4836850	3.9722250	6.8570902	4.7843583
## 60	3.3886687	8.8097427	3.5662342	4.6512155	6.4139542	3.9401952
## 61	8.4589583	3.6115583	9.3708493	8.8831942	10.3426311	9.9300668
## 62	3.5628489	8.5285687	4.4394838	4.2639547	5.5180749	4.9948490
## 63	4.8457361	8.6019904	3.6621615	4.0574104	7.3866218	5.1001280
## 64	5.1671540	7.9541262	5.3031052	3.7163638	7.9918505	6.4425145
## 65	6.9973851	8.8950856	6.8662435	6.3582170	8.1966712	7.1372827
## 66	3.8781247	9.0273999	1.8743786	4.1011548	5.3466981	4.5620697
## 67	5.2901982	8.9395100	4.9378015	3.1732152	5.3103493	6.3383773
## 68	4.4729439	8.7817384	3.5718063	3.2213669	6.8328531	3.7073047
## 69	4.2225452	8.5230813	4.3899798	3.7264002	6.8275922	5.3338115
## 70	4.1429455	8.7548900	4.8259284	4.3985167	5.6094335	5.7634484
## 71	5.7387728	8.7505121	4.8232282	4.6539658	7.8987941	6.2028280
## 72	5.4075612	8.5403277	4.1178006	4.7146261	7.4143831	5.4817850
## 73	6.5480307	4.0932833	6.4276527	7.5585128	8.5780634	6.8502769
## 74	5.4691011	8.8941141	4.3711624	5.1730242	7.2446815	5.0148617
## 75	3.3572081	8.0938153	1.8606980	3.6596908	6.1026226	4.0962784
## 76	4.6463693	8.8150835	3.2603905	2.7497505	6.8135037	4.3174687
## 77	5.7215752	9.4352133	5.8846212	6.3040871	8.1837589	5.0614920
## 78	5.5072444	8.6895746	5.2340227	4.2168221	7.2707606	6.5457254
## 79	4.7167302	9.4404674	4.8029702	5.3930643	6.1251190	3.7205854
## 80	4.8526105	8.7079412	5.7404701	5.0573409	7.4594550	5.7764960
## 81	4.4088255	8.7335193	4.6674549	4.5023003	6.1739823	5.2276042
## 82	4.9252821	8.2667639	4.0488146	4.8459853	7.3703020	4.5800698
## 83	4.5686870	9.0695247	4.4953780	3.4368174	4.0165760	5.1314737
## 84	4.2135151	9.2457715	5.2253127	4.8102234	6.6456793	3.4306637
## 85	4.7583906	9.0323292	5.6831412	4.1141966	6.3641420	5.3485994
## 86	5.4043171	8.6045370	5.5313406	4.6640562	7.7288398	6.2663899
## 87	3.7739929	8.6980126	4.4765815	4.0495056	7.2225595	5.0199190
## 88	5.7010632	9.3668950	6.5211050	5.4254710	7.6552088	5.2214089
## 89	5.0113745	8.9302727	5.5210608	4.7638142	7.4827610	6.1275038
## 90	4.8653357	9.1025539	5.5412351	3.6789057	7.9858974	5.2607034
## 91	5.1480196	8.9853228	4.2119763	5.1789105	6.9024678	4.8564545
## 92	4.6352866	7.8871549	4.7090048	4.6702896	6.0600066	5.6508225
## 93	6.0375559	8.4196795	5.8473061	5.1803966	7.3637490	6.6896976
## 94	3.6122190	8.3774596	3.4876291	1.4366025	5.5355144	4.2954028
## 95	5.2708632	9.1728978	6.1212934	5.4098382	7.4202889	6.1997600
## 96	5.5266711	9.0800568	6.1749479	4.8340993	8.1327677	5.0491192
## 97	4.0174389	8.7940894	5.0156194	4.0679586	5.7985927	4.7148719
## 98	5.7289412	9.1517640	5.8015369	5.0070700	6.6889771	5.1563645
## 99	4.8399227	9.3450995	5.7669860	4.5816754	5.9200424	5.4753005
## 100	5.7179391	9.1805111	5.6764374	4.3823366	6.4519264	5.6924183
## 101	4.6953461	8.5843147	4.8828319	3.1100882	6.9900308	5.1640461
## 102	3.6303415	8.3395590	4.9321819	4.8958221	7.2874498	4.3312065
## 103	5.2148657	8.4858611	4.4289159	4.9970838	8.4281021	5.0768535
## 104	7.2017532	4.5091347	6.6364398	6.6548923	9.3592425	7.9884327
## 105	5.2229042	9.1807425	6.1786096	5.3088878	7.9072164	5.7138044
## 106	5.6214148	9.7563974	6.4288765	6.0284558	7.0728303	5.3573648

## 107	4.5044203	7.7374273	4.4878682	3.9273796	6.9724166	5.4998527
## 108	5.6924360	7.2839110	5.5446917	3.9827759	6.8207565	6.3219248
## 109	4.4014967	7.8921071	3.4106924	4.5684373	6.5583856	4.7035504
## 110	8.3876090	10.6697792	8.5075138	8.0405985	9.3937426	9.0599969
## 111	4.8333490	8.9488865	4.2466189	5.7066542	6.9116344	3.7996829
## 112	4.6210606	8.6724261	3.2172229	4.1029202	6.8400686	4.9235778
## 113	4.5678836	8.4315367	4.4332469	3.8005879	6.1809247	6.0922597
## 114	5.4286456	8.8779281	5.7248973	4.7100038	6.4307978	4.9265132
## 115	4.4900306	8.8172059	5.4430656	5.1326657	5.0109912	5.0487401
## 116	5.4366503	8.6563540	5.2195922	3.8338051	6.7619338	5.4973291
## 117	5.9087601	9.5183012	6.5579466	5.7087588	6.8109045	5.5843338
## 118	6.4878045	9.9291907	7.2847035	6.4137556	7.2546654	5.8935177
## 119	6.1062916	9.5881396	6.7285424	5.7523084	7.4711930	5.5455825
## 120	3.7574078	8.3344530	4.2993498	4.7112579	5.7277511	4.4415725
## 121	5.4194951	8.7712232	5.3285274	5.2635891	7.5178100	4.0439596
## 122	5.0360650	9.4467356	5.6802645	4.8863403	6.2147480	5.0108373
## 123	5.4278147	8.9244606	5.3240935	4.8107833	6.8225810	6.2250462
## 124	5.5829894	9.0416778	6.1449005	4.6047914	8.1106771	5.7270725
## 125	3.7835723	8.0358550	4.0129668	3.5596365	5.9901112	4.8554190
## 126	5.8513292	8.7399531	5.5908302	4.2125735	6.4102580	6.0672208
## 127	4.2521987	9.4462522	4.9591583	5.2565185	4.0508509	6.3042158
## 128	6.3668335	9.2106301	6.3658825	5.3353950	6.6312225	6.1207793
## 129	4.0270369	8.8054934	3.9181616	4.7401544	7.2853191	4.4647593
## 130	6.1432593	9.2140723	6.2649498	4.1688949	7.6054783	6.2768353
## 131	6.0028807	7.8752107	5.9413310	5.5899243	8.2548139	5.0876513
## 132	6.4608667	9.4035471	6.8612677	5.9159392	6.2524334	6.4917151
## 133	4.7464347	8.3577648	5.4482403	4.8153054	7.0501602	5.9845367
## 134	5.9576884	9.2669566	6.0875326	6.0204091	9.1796163	5.3326209
## 135	6.0747250	5.2498990	5.8270093	6.6807352	8.5364385	6.2434568
## 136	4.0699725	8.0905524	4.3524061	4.3111593	6.9077714	4.8524231
## 137	6.3259208	9.4116569	6.1819638	5.3670178	6.7692456	5.7988177
## 138	3.9419086	8.4274057	4.2656166	3.5405631	5.0645593	4.6753308
## 139	4.9917937	8.7410922	4.8951609	4.7196544	6.0332637	5.9559024
## 140	4.1488242	7.3631063	4.9243050	4.3349930	7.5584018	5.7198043
## 141	3.1886039	7.6985025	3.6137828	4.0415186	6.1667762	4.1900540
## 142	5.8004135	8.8251656	5.7853012	3.9767897	6.8699274	6.3491309
## 143	5.0948347	8.6361303	5.0292780	4.8365353	5.3776613	6.5534833
## 144	5.1636913	9.2276438	5.8910621	4.5373314	7.3401176	5.1732176
## 145	3.9586607	8.3847753	4.4672230	4.1269858	6.9621416	3.3246933
## 146	5.3210741	8.6984011	4.1918105	4.2722860	7.8743780	5.7655055
## 147	4.8526412	8.6802447	3.3899686	4.1453329	7.1349131	5.3297355
## 148	5.2581907	7.2189981	5.3625379	5.1536104	7.6619753	5.6750199
## 149	3.4809582	8.1475957	3.7529275	2.7789473	5.5087947	3.7019484
## 150	3.9667364	6.6811416	5.0110683	4.8154302	7.3789599	5.3927295
## 151	3.5762068	8.7683771	4.8810882	4.8222090	6.2219174	4.2576220
## 152	5.3731508	9.1960221	6.0920939	5.7291751	7.8599269	5.6305469
## 153	4.7806943	8.9866561	4.3045705	5.0553354	7.4780907	4.8711910
## 154	5.5256425	7.3545157	4.6251573	4.9972144	7.1467039	6.0431111
## 155	4.5491531	8.9801332	5.3876821	4.4651415	6.4472268	4.7734858
## 156	5.1903589	8.9314312	5.1242339	3.4950604	6.6148975	5.5810344

## 157	5.2299004	8.9482397	5.1399301	3.6685061	5.9956667	5.6741756
## 158	4.8033292	8.6153259	3.4811324	4.0763862	7.0160099	5.5094874
## 159	4.8765488	8.3586712	5.2037099	4.8327351	6.6610959	4.2689378
## 160	5.2641447	9.2314977	5.4072963	4.8918010	7.6496339	4.4419017
## 161	3.9933868	8.9884353	4.9568174	4.0984980	6.4735389	4.0557341
## 162	5.8476442	9.0022048	4.5399484	3.8153267	7.5604057	5.4547288
## 163	5.5459834	8.7115956	5.0933841	4.7455212	7.0775766	5.0449642
## 164	6.3849278	7.2943695	6.1122235	4.6691223	7.4104395	6.7076434
## 165	5.2029157	6.3203898	5.3428747	4.4388533	7.0361438	6.7729800
## 166	3.9766458	8.5880427	5.1182789	5.3980716	6.1231196	4.6852886
## 167	5.7745894	8.8635072	4.6047008	5.4366557	7.5189088	5.4872234
## 168	4.2944514	8.9173316	3.8664340	3.7681498	5.9167907	5.6212569
## 169	5.3006385	8.5590264	5.3919412	5.0900623	6.5170151	6.0910725
## 170	3.9821948	8.4465525	5.1511648	5.3320802	6.3840365	5.2018545
## 171	5.7144304	8.7816069	4.7660120	4.3301187	6.4906456	5.3775314
## 172	6.4862066	5.4645126	6.0391501	6.1532991	8.7685856	6.9895237
## 173	6.4277888	9.6774131	6.4049810	5.9149089	9.2044185	4.8092848
## 174	5.1865570	8.9013807	4.8427135	3.0268275	7.0944241	5.9134129
## 175	4.7472003	9.1724626	4.7724866	5.4361370	7.2542346	4.8746953
## 176	6.2273806	9.2160707	5.5579923	5.1938860	7.7427860	5.1142803
## 177	5.0482302	7.7859244	3.8456206	5.0794118	7.4787721	4.8939257
## 178	6.3248208	9.2042278	5.9556161	4.5265584	7.5086323	6.2173264
## 179	6.7216850	9.3662875	6.8058997	5.3502398	8.3234831	6.2200122
## 180	5.4005722	8.1181453	4.4581194	4.7281914	7.9053501	5.5893556
## 181	5.3668515	8.4948849	5.1511406	4.4142793	6.7181769	6.8340706
## 182	5.0611965	8.9678468	3.8668924	3.6932019	6.0947780	4.7134898
## 183	4.4729544	8.5694322	3.4004816	4.3587671	6.3113978	4.9185811
## 184	2.8353202	8.7997141	4.3575611	4.4693768	6.4541770	3.8197592
## 185	4.8169939	8.8247011	3.5545035	3.1750711	6.6254548	4.4327468
## 186	4.8143603	8.8924339	5.0976581	3.6919031	5.6503606	5.3840797
## 187	5.2904581	8.2549420	4.8408633	4.6903059	6.6900183	6.0625559
## 188	5.6817748	7.5844420	6.1345598	5.1369806	7.2690191	6.9028717
## 189	5.4157612	9.4797882	6.0266186	5.1395566	6.4268461	5.4887245
## 190	5.7503460	9.0799558	6.2538993	5.3888179	7.9662842	6.7234489
## 191	4.6084751	8.7200222	5.1813246	5.3021870	6.1645987	5.4658627
## 192	6.0318125	9.3138554	6.1477245	5.2694197	6.6786703	5.6614632
## 193	5.5504242	9.1274711	5.2752027	4.5092804	5.6830781	5.9936471
## 194	6.0602242	9.4807957	5.2505258	4.9706299	7.7068604	5.1841992
## 195	3.8589004	8.4235345	4.3603063	3.8529245	6.9807520	5.6877309
## 196	5.4633732	8.7459128	5.7387418	4.2423175	8.0009331	4.9171538
## 197	5.4915437	8.9318897	6.0799501	5.4997652	6.9837039	6.6307617
## 198	4.9844138	8.8689755	4.9929250	4.6977438	6.8862804	6.0088545
## 199	5.3498788	9.2664688	5.9968815	4.9687555	5.9638650	6.2663585
## 200	6.4485458	9.6675051	5.6063918	7.4908167	5.2383277	7.0241108
## 201	5.7615646	7.6322305	5.5008512	4.6656512	7.6595424	5.6710562
## 202	5.9957387	9.1944772	6.6817371	6.1473549	7.7732356	6.6996516
## 203	5.1336144	9.1563099	5.9246490	5.7944113	8.2114107	5.2320067
## 204	4.6149305	9.5212572	4.6891992	5.1275708	7.3662942	4.9579805
## 205	5.4975025	9.3384655	4.8038714	4.9736287	7.3241620	4.3538327
## 206	6.3001210	9.3261009	6.3160158	5.1098537	6.2702934	6.5857914

## 207	6.4966769	9.2489273	6.1881497	4.4572118	7.6029577	6.8318506
## 208	4.5942231	8.8983072	4.7322528	5.1031165	7.2950961	5.0334643
## 209	6.4464793	7.5601523	6.6288417	5.3964394	7.2598567	6.7017645
## 210	5.1263668	8.6901666	5.7417648	5.7670246	6.0206517	6.4944699
## 211	4.8436348	9.5737942	5.1686220	5.8460756	7.1571460	5.5021383
## 212	6.3044079	9.0636847	5.9570201	6.1725749	9.0769245	5.8761705
## 213	5.8659410	9.3191302	5.7173377	6.2315082	7.9899967	5.5428072
## 214	4.9675245	9.4396221	5.5514333	4.6959941	4.9729966	5.7026160
## 215	4.3784770	9.1331331	5.3125732	4.4956109	6.7025810	4.6956584
## 216	3.7179061	8.6100233	4.8068843	5.0260575	7.0436433	4.7266232
## 217	5.4890626	8.4432777	6.5704519	6.1543842	8.1214220	6.0325661
## 218	9.3019565	12.0212163	10.0399959	8.9561787	9.8026887	8.7530975
## 219	5.1836718	8.3637826	5.3238516	4.5702033	6.0575983	5.4553672
## 220	5.5960916	9.0552976	6.4509423	5.8317420	7.4138739	6.6919798
## 221	3.3877427	8.2282812	3.7286558	3.8546037	6.0778085	4.9846204
## 222	6.3196565	9.2451141	5.5204163	5.5963060	9.0366614	5.8215539
## 223	6.2763186	9.3021572	5.4510085	4.5570240	7.6722072	6.1445121
## 224	4.9966051	8.4244026	4.4370105	4.1979212	7.0723672	6.4109921
## 225	5.6556347	8.8915661	6.0784457	5.4727111	7.1414364	7.0467520
## 226	6.0888478	9.3299640	6.2040899	6.9093046	5.7992008	6.3814815
## 227	5.2865591	9.3369174	4.0267678	4.2370676	6.4470442	4.9854042
## 228	5.7043760	7.0271591	6.3451881	5.1639398	8.3371965	6.1103804
## 229	5.5138003	9.9199900	5.8117967	5.7440312	5.9457731	6.5368963
## 230	4.6730874	9.0161180	4.8262457	4.9606173	6.2346100	5.8248678
## 231	4.7838135	9.1293345	4.2282271	4.8953700	5.4876884	5.8812374
## 232	4.9550811	9.0837062	3.8002184	5.0471289	7.1587141	4.8821030
## 233	5.8249161	8.9848674	5.5087039	3.8477771	7.2106976	6.4017042
## 234	5.7879554	8.6624660	5.0320057	4.5178578	7.2250256	5.4057086
## 235	5.9768598	8.7713950	5.1529567	4.7139055	7.4218559	5.3940920
## 236	5.2436742	9.5030389	6.4302719	5.6490775	7.5673520	4.9241860
## 237	5.9557582	9.5251619	6.8393891	6.1310470	9.5372661	6.0422678
## 238	4.3081038	8.7768509	4.1674806	4.5735814	6.5196547	5.3656189
## 239	5.8923769	8.8841469	5.9387760	5.0757277	6.1880394	5.9922810
## 240	5.9293331	9.1245348	5.0088329	4.6345163	7.4066158	5.2043977
## 241	5.8548974	9.9251588	7.0907244	6.6587835	7.4259849	6.7840744
## 242	5.3319777	8.8196697	4.4574585	5.2313347	6.9573651	5.5750559
## 243	5.8034062	9.0550612	4.5862645	4.8330474	7.6219424	6.3083929
## 244	5.5580283	8.6990471	6.4305693	5.4728039	7.7954139	5.4263699
## 245	5.1532070	8.5282326	5.1245579	4.8181668	6.4152982	6.2299911
## 246	5.5770873	9.1967282	5.6197222	4.4337704	6.5419303	5.7396055
## 247	4.5851886	6.7184902	4.7855784	4.1436831	7.1690343	6.2039437
## 248	4.3658736	8.8581450	4.4900122	4.2293796	6.6066448	5.6347867
## 249	6.2764596	8.6958692	5.3605679	5.0813109	8.5127185	6.7458050
## 250	5.6396993	9.1943975	5.3903126	5.4900403	5.7319758	6.6181503
## 251	5.7799268	7.3674947	6.7203285	6.1119797	8.0431993	7.2280965
## 252	6.2588295	8.9163828	6.1726138	5.4150288	7.7473005	7.0827090
## 253	4.7106952	8.8779336	5.3833646	5.1652199	7.2450595	5.7916545
## 254	4.8194556	9.5607921	5.6570324	5.9083669	6.1666523	5.7151145
## 255	5.9839010	9.0893949	6.6026079	5.3846497	8.2068365	5.7422834
## 256	6.1668982	9.7152689	6.1745143	5.4095892	8.0255690	5.9013686

## 257	5.3329867	8.8577006	5.5231039	5.0471590	7.1241483	6.1203053
## 258	5.1624304	9.2396320	5.8835356	5.4113609	7.6595149	6.0545247
## 259	5.9100608	9.3673205	5.5840088	4.3211903	6.5559837	6.6215447
## 260	5.9190951	9.1498532	4.9766799	5.5302959	7.7268977	5.9227356
## 261	5.2974839	8.8482005	5.0608899	4.5784282	7.6320748	6.1338082
## 262	5.6556641	8.8173475	5.6518740	4.9333032	6.2478634	5.8962370
## 263	4.8107148	9.1228202	4.6581095	4.2489581	5.0115563	5.3471416
## 264	6.9775740	9.7369311	6.9618147	6.0629779	7.6504509	6.4345643
## 265	5.8208115	8.7617681	5.6638894	5.1586851	7.8689555	6.4743270
## 266	6.3238305	9.2287600	5.6048529	4.8592152	7.9061077	6.0562040
## 267	4.7253261	7.9936426	3.6871025	4.4635603	6.7633774	5.5690941
## 268	6.2241268	9.4063484	5.9971824	4.6562630	7.4519380	6.2475304
## 269	6.4704600	8.9692015	6.3792517	5.6068965	7.4757771	7.4551729
## 270	5.8330834	8.7758085	5.4510183	5.1634137	6.7431047	7.0880467
## 271	5.5130077	9.3108232	5.2544703	5.9249353	6.8441407	6.2256247
## 272	5.9886916	8.9048622	5.7601968	5.5622020	6.5691919	6.9233952
## 273	5.2013286	9.0714646	5.1373762	5.2973186	6.5312852	5.9914520
## 274	6.0424465	9.0222052	5.6370703	4.8169172	8.2672394	6.9521470
## 275	6.1961528	9.4994812	5.1405182	5.0220152	7.2366577	5.6752576
## 276	5.7867422	9.0859504	6.5746248	5.9448537	7.6633342	7.0272321
## 277	5.7569542	8.8362162	6.0419251	5.5165317	7.8213935	6.5026120
## 278	6.0832052	9.1025018	5.7988288	5.6766535	8.1606272	6.4659339
## 279	6.3146940	8.7643350	6.1400268	5.0621393	6.5075536	6.8717330
## 280	6.1923209	9.5165936	6.4319154	5.9614216	6.7117607	7.2070249
## 281	5.8270085	6.9562388	6.0630321	5.9938436	7.6468205	6.6327393
## 282	5.8164803	9.1668516	4.8213184	5.6763132	7.9454153	5.4284139
## 283	6.0083382	9.7773020	5.0019453	5.6315490	6.7602203	6.5775770
## 284	5.6364061	7.7727170	4.9482292	5.5228376	7.9917118	5.7610053
## 285	6.1636337	9.2117581	6.0436265	4.4366551	7.9333230	6.3934564
## 286	5.9400342	9.2782286	5.9743586	4.8816353	6.5485220	6.2491372
## 287	5.2438371	8.7955028	5.3420197	4.6657765	7.7058042	6.1573194
## 288	7.1841285	9.5383912	7.4104044	7.0498216	7.1306120	8.0710238
## 289	6.1942406	8.8105147	6.3163636	5.7812297	7.6522050	6.9321963
## 290	6.6728780	9.8577120	7.1960722	6.3049909	8.3277911	6.3701371
## 291	7.1196708	9.1426345	6.9139783	6.2162051	8.2065267	7.6406399
## 292	5.3982560	8.8363206	5.1624933	4.7446830	7.8724327	6.1706517
## 293	6.4702680	9.4155371	5.8305659	5.8670542	8.0041270	6.7429526
## 294	6.3125552	9.7005525	5.3429558	5.3488694	7.2397189	5.6572982
## 295	6.2710206	9.8943677	6.0843311	6.2655683	8.8693382	6.0907301
## 296	6.0451440	7.7358291	6.1196100	5.5866807	7.7313121	7.0137391
## 297	8.8424268	9.4588915	9.3546557	8.7006786	9.2227054	9.6598676
## 298	6.7381320	7.5057944	5.8153328	5.9081421	8.9056498	7.0534423
## 299	6.2740755	9.3297105	5.6331999	5.8497888	7.9137735	6.4904798
##	7	8	9	10	11	12
## 2						
## 3						
## 4						
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## 7						

## 8	6.1448025					
## 9	5.3926502	4.8942159				
## 10	9.0976288	8.9905878	9.3072228			
## 11	5.2913685	4.7123520	5.7273555	5.2665974		
## 12	4.1381199	5.4531473	5.0365033	8.8888322	4.5837011	
## 13	2.9256181	5.4384344	4.7569148	9.5076807	5.6532185	4.2141140
## 14	3.8607379	4.7317766	4.4524468	8.8035997	4.4260402	3.3791770
## 15	5.4066696	5.6508170	5.1579801	9.3736713	5.4812475	4.7285496
## 16	3.1372609	5.6078389	4.1565006	9.1965269	5.4114973	5.0725788
## 17	2.6942294	5.0358854	4.1961346	9.0025946	4.9280897	4.3187485
## 18	3.9997987	6.2517811	5.7990881	10.0574085	6.1973961	4.6332479
## 19	3.3798345	6.0003972	4.5336735	9.0112412	4.9698747	3.6761222
## 20	6.2405367	5.4806060	5.4181685	9.8572602	6.5126888	7.1960148
## 21	4.1373236	6.0158217	4.9553878	8.9035286	4.9984290	4.2839428
## 22	4.2908823	4.9062255	4.6508575	8.5442901	4.6280413	4.3425776
## 23	3.9313766	4.5227601	4.9501687	8.4909191	3.7735835	2.2767599
## 24	6.0906983	3.9145944	4.0419464	10.0337274	6.2424968	5.4464162
## 25	4.6302582	5.5011692	4.3665873	8.5401341	4.8851328	4.1524948
## 26	4.4439587	5.4227607	4.8199390	8.7961755	5.5279245	3.8587103
## 27	4.0836023	6.2041962	4.4724813	9.0452457	5.0847366	4.7869223
## 28	5.1385499	3.8955206	4.5586020	8.5159573	4.1909294	2.9209064
## 29	5.1189279	6.5451294	5.7803743	5.5147518	4.3993141	6.3033178
## 30	4.0744413	4.5630028	5.1220004	8.9084820	4.8690137	3.9001708
## 31	4.6697922	5.4331075	5.0156933	8.3470950	4.6480975	4.4676662
## 32	4.6139934	4.8216393	3.8804349	7.2367501	3.8879006	4.9239688
## 33	5.3125737	4.5743638	5.1289288	9.3374148	5.1702206	5.1722893
## 34	4.7315587	5.0673499	4.8340697	9.6683017	6.1014536	5.2777403
## 35	4.7916330	5.0574969	3.9431293	9.4137421	5.5212071	3.7048016
## 36	4.2341337	4.9995923	4.4674241	7.3147295	4.5279729	4.7467218
## 37	4.0075322	4.2057864	4.4536850	9.1734739	5.1679748	5.3982806
## 38	5.4457948	5.4549769	4.4569492	9.4397781	5.8161331	5.1625705
## 39	5.1581994	5.5709840	5.4310293	8.9560047	5.9832251	5.1682602
## 40	5.1521480	5.2687223	3.5952199	8.2005035	5.5199746	4.8629605
## 41	4.0416012	5.4380689	5.3984747	7.8672794	3.5916158	1.8717043
## 42	5.2651827	5.5522751	5.0023487	9.3924405	5.5617031	3.4221139
## 43	4.9462581	4.6657192	4.6364742	8.8807177	4.8106939	2.8695450
## 44	5.2329549	5.0727368	4.5529232	9.4050011	5.4506609	4.5272172
## 45	5.1471857	4.7323299	3.2053322	9.8736641	6.3294442	5.5753375
## 46	5.0312997	3.4630037	4.5796067	8.5257174	4.7555988	3.6725840
## 47	4.4143890	5.5990276	5.1870537	9.3008041	5.0842713	3.4827837
## 48	5.8398984	3.8560518	5.2514346	9.2456875	4.9197985	3.1622338
## 49	3.9238571	6.9427277	6.3181143	6.0269417	3.6397292	5.1644171
## 50	4.0574914	4.9267107	3.9601647	9.2661012	5.3745573	4.4762758
## 51	2.4452725	5.8044884	5.0883219	8.8921712	4.6646632	3.1943076
## 52	4.6528895	5.7382604	5.1632161	8.8108693	4.9725492	4.1343680
## 53	8.9535498	8.5484539	7.0318640	7.8730025	7.9627573	8.7514946
## 54	5.2666839	4.0716201	4.0466580	9.0375084	4.8313395	5.0102615
## 55	4.7481433	3.6548886	4.5433546	8.1424378	4.3687898	4.8180696
## 56	4.2731613	4.9834527	5.4794811	7.9260294	4.1567335	5.4874112
## 57	3.9555626	4.9706676	5.1017812	7.4867936	3.9752343	4.2249082

## 58	4.1076065	4.5396562	4.8732171	9.4476696	5.1878718	3.9431251
## 59	4.7465254	5.3457014	5.5701546	8.8656271	4.6277405	1.8314930
## 60	4.4168192	5.1751818	5.7373570	8.6211211	4.5248793	2.5240178
## 61	9.3030296	9.2437106	9.4836158	12.3009033	9.7032388	8.5109215
## 62	5.0910924	5.7205712	3.7707311	8.3907862	4.8005897	4.2577388
## 63	4.6071851	5.0298696	4.6128503	9.2703050	5.3684778	3.2444213
## 64	4.9106738	5.4649503	4.3067102	9.7801248	6.2160740	3.9217865
## 65	7.2156527	5.6851304	3.1322342	10.5519203	7.2158370	6.5327246
## 66	4.3318409	5.9760526	5.8564405	7.8898586	4.6107431	4.4031781
## 67	4.1837465	5.7960246	5.5467886	9.7963094	6.3269825	5.1635592
## 68	2.9377149	4.6865719	5.0729134	8.7091358	4.4318134	3.1172322
## 69	3.5455888	6.1594534	3.6146567	9.4065467	5.8687285	3.8205553
## 70	5.0026437	4.4332378	5.1678178	8.6569376	5.1498746	4.6879448
## 71	5.7791238	4.8621609	4.9551351	9.8052092	5.9585001	3.9718157
## 72	4.8199763	5.3541094	5.2605451	9.9057664	6.2201428	4.0575803
## 73	7.0216579	7.4371346	7.4683882	10.6141724	7.4622267	6.8331209
## 74	5.2397850	4.6673330	4.6173920	9.4366580	5.7598024	4.4664836
## 75	3.5112619	5.0056582	5.0273722	8.7302655	4.5613485	2.7639622
## 76	2.8461714	5.1210934	5.4160135	9.2512385	5.0211721	3.1110330
## 77	6.4560750	5.3968686	3.9398230	9.5399638	5.5966121	4.3912089
## 78	5.2268622	5.3078792	4.7211691	10.0235732	6.5851267	4.7809141
## 79	5.1771974	4.2397998	5.9966629	9.1276532	4.5739987	4.4891076
## 80	5.6505149	5.8719850	3.7615433	9.6899907	5.9033600	4.2354803
## 81	4.6420494	5.5078684	3.2024008	8.9638952	5.4477023	4.7188666
## 82	5.0192495	4.4994854	4.0268063	9.0740606	5.0895882	3.8711730
## 83	3.8615804	5.2287316	4.8754097	8.3724229	5.1191497	5.3195831
## 84	4.4700841	5.5404640	4.8367892	8.3891831	4.4494661	4.9469309
## 85	4.4942027	5.5139164	5.0840235	9.3626297	5.5560455	4.2721722
## 86	5.5772728	4.8980646	3.9579690	9.9598878	6.1609889	4.7048606
## 87	4.4446907	6.1063371	4.7234025	9.4045637	5.5292571	3.4927882
## 88	5.7374545	4.5985678	4.8263223	9.6150514	5.6877481	5.2166484
## 89	5.5531110	5.6164231	5.1503166	10.1219983	6.3424705	4.2512619
## 90	3.9483809	6.6127855	5.7235531	9.4579163	5.7988286	3.9483841
## 91	5.1488823	4.1939333	4.7068803	9.5359079	5.5478658	4.2457376
## 92	5.0883861	4.3334212	4.3711012	9.6677601	5.8549894	4.9509819
## 93	6.1715924	5.5280043	3.1127115	10.1631521	6.6827886	5.5681198
## 94	2.0815850	5.0680379	4.6578020	8.5009993	4.5808166	3.9974758
## 95	5.8219031	5.8656244	4.6175860	10.0658796	6.4168201	4.5434297
## 96	5.2998903	5.4297252	4.4379192	9.4929413	5.6032627	4.8106987
## 97	4.2300529	5.2854576	5.9008598	8.9598366	5.0181350	4.5032585
## 98	5.1308053	4.9748585	3.2088275	9.5226972	5.7390222	5.7427181
## 99	4.9474724	5.6027883	5.4852015	9.2872970	5.5486688	4.8614998
## 100	4.5731282	5.2250312	4.3282196	9.7455636	6.1864702	5.3665402
## 101	3.2967887	5.5523173	5.1163901	9.2383161	5.4750352	4.3515037
## 102	4.7416562	5.6204275	4.2668803	8.9937451	5.0231860	3.8544031
## 103	4.2556295	6.6374055	5.6093889	9.5865612	6.1349846	3.8318337
## 104	7.1541615	7.5813107	7.3947485	11.0925670	8.0471527	6.2724082
## 105	5.8622628	6.2861366	3.6960512	8.7367664	5.6554633	4.6297306
## 106	6.4656203	5.2026128	6.0457960	8.2715977	4.4856075	5.0302268
## 107	4.5944004	5.0986568	3.7388060	9.3754256	5.6616498	4.3170275

## 108	4.7830749	5.1752806	5.5668415	10.1037065	6.4866737	5.3479533
## 109	4.8604404	4.4975760	4.6917244	9.0518700	4.9300569	3.8110194
## 110	9.1363442	6.1922468	8.0457364	10.7043836	7.8677981	7.3775048
## 111	5.4323343	4.0033457	3.8908077	8.8159875	4.6306908	4.6473031
## 112	4.6109998	4.9671817	4.7329030	9.1762615	5.2115303	3.5402761
## 113	4.5580651	5.4322141	5.2340287	9.4405647	6.0436314	4.5820594
## 114	5.0335938	4.2236294	2.5243931	9.0456041	5.1681946	5.4100191
## 115	5.5585065	4.5410608	5.9585050	9.1367606	5.0206522	5.5729039
## 116	4.1172154	5.8038243	3.9890610	9.7820222	6.0998586	5.0678817
## 117	6.0920497	4.9040192	4.4097630	9.9344991	6.0229332	5.7040465
## 118	6.6474641	5.4939098	4.6606213	7.8984792	5.3255362	6.8936569
## 119	5.9094791	5.4834110	4.4023327	9.9218803	6.2398551	5.6511276
## 120	4.1431197	5.6012634	3.2613581	8.6224276	5.0706654	4.7536064
## 121	5.6596493	4.6504525	4.9626035	8.6772493	4.5327641	4.5491222
## 122	4.8183325	5.7509793	5.0038649	9.5916596	5.7893895	5.0913883
## 123	5.0412561	5.6481517	4.0143911	10.2591695	6.7023118	4.9527019
## 124	4.6051795	7.1395120	5.3028448	9.9987353	6.4922875	4.6970422
## 125	4.3141879	5.4352406	4.0002089	7.1367521	4.3649176	4.6097484
## 126	5.2611154	5.2356455	3.9413262	9.7151828	6.0764888	5.6305701
## 127	5.9863471	6.3474093	6.2630684	9.1826806	5.8672605	5.5844402
## 128	5.8558220	4.4090792	3.9210928	10.1036967	6.3929587	6.0894816
## 129	4.9369994	5.4863011	5.3881554	9.2501749	4.9497307	2.6654202
## 130	5.0298358	5.9874723	5.6647342	8.2481947	5.9260326	5.6266380
## 131	6.1122348	4.9342023	5.3100539	9.6312373	5.5062765	4.7296561
## 132	6.6973437	6.3755739	6.7019729	6.0055704	5.2685628	7.5047089
## 133	5.6154726	6.1386632	4.2431737	9.6670093	5.9977297	4.3927042
## 134	6.3928797	5.6119864	4.7245589	9.2904792	5.6673970	4.0628383
## 135	6.2125343	6.9200571	6.6315278	10.0913610	6.8739214	5.8379652
## 136	4.0894281	5.3890773	4.0020241	9.2360083	5.4647035	4.3079995
## 137	5.4865603	5.0523821	3.9677069	10.1398896	6.5237000	6.1321652
## 138	3.7393181	5.2399090	5.4908481	8.2529620	4.5655463	5.1359020
## 139	4.8748695	5.5350091	4.1707675	9.9635234	6.3953433	5.0237816
## 140	4.8338966	6.3869792	5.2962937	9.8572343	6.0517405	3.7651545
## 141	3.5200649	5.0158002	3.7700819	9.0133562	4.9834763	4.0394865
## 142	5.0027558	5.5192873	4.5331183	9.8951519	6.2254630	5.2012781
## 143	5.5181285	5.3002583	4.8352989	10.1134091	6.4741282	5.3638056
## 144	4.7801133	6.0856210	4.4913727	9.5577270	5.7208260	4.5814341
## 145	4.1263312	5.0375716	5.6722155	7.8156610	3.4751992	2.8993704
## 146	4.9027920	5.5308050	5.1617529	9.8411134	6.0017975	3.4609730
## 147	4.6307846	5.3505610	5.1191081	9.7295439	5.7224794	3.5434906
## 148	5.3949370	5.2455976	3.6698979	9.8460141	6.1688622	5.1534496
## 149	2.3075057	4.9963948	4.5738771	8.2256150	4.2931311	4.3604368
## 150	4.9799810	6.2172258	5.2084212	9.6627347	5.8354511	4.1207982
## 151	4.9127330	5.7973044	3.3005134	7.9471928	4.4778243	4.2484233
## 152	6.0356365	5.2470317	4.4725689	9.8738420	6.1425890	4.8979885
## 153	5.5915137	5.4330992	5.1081720	9.4635332	5.3217474	3.5697394
## 154	5.5868427	4.8908744	5.5480152	9.7043341	6.1068199	4.4792987
## 155	4.5078170	5.9177118	4.7143046	9.4436441	5.3914872	4.6091419
## 156	3.7612531	5.6098169	5.6094788	9.2211012	5.8917558	4.9675917
## 157	4.4752799	5.4084927	4.3021603	9.3273001	5.6719684	5.1509648

## 158	4.7266591	5.4170945	5.3841610	9.4954183	5.6160935	3.5794843
## 159	4.2696091	5.1290493	4.5862517	9.0448332	5.2107458	5.5090873
## 160	5.4590659	4.5727973	5.3226112	8.7600534	4.4641089	3.8654610
## 161	4.2312373	5.2918352	4.9859221	8.8240945	4.6085090	4.3525560
## 162	4.5833040	5.3263668	5.4976664	9.7669945	5.8488719	4.3052540
## 163	5.2649780	3.9590167	5.3230996	9.0674730	4.8863643	4.6163613
## 164	4.9253873	6.4766761	5.3207593	10.6356219	7.3275585	5.8018064
## 165	5.3192493	5.3478786	5.3538024	10.0264554	6.5925640	4.8561259
## 166	4.9200471	5.8581264	4.3698107	9.2488246	5.5729670	4.5899902
## 167	5.9666190	4.6609885	4.3985662	9.9426904	5.9264765	4.8462918
## 168	3.8630514	6.3389112	5.5922024	8.9908199	5.9967115	4.8332332
## 169	5.2370693	5.4369645	4.0455633	9.9760149	6.4645172	5.1807955
## 170	5.3003319	6.0946231	4.5809961	9.5749776	5.6249709	4.5723528
## 171	5.0390883	4.2356855	5.7368808	9.0905527	5.3608788	4.7959159
## 172	6.6198564	6.2614983	6.2125110	10.3888429	7.0151274	5.4488104
## 173	5.8971806	5.9150892	5.3707969	9.4487566	5.7499793	4.7800622
## 174	3.6074164	6.2607166	5.7634054	9.9826431	6.2869410	4.7277209
## 175	5.5567070	5.0742898	5.6486654	9.3234734	5.3110825	3.6141573
## 176	5.7433335	3.9683372	4.6702996	9.3163194	5.2999517	5.0819412
## 177	4.7743736	5.8424943	5.1204159	9.6670434	5.8967726	4.3700248
## 178	5.1109139	6.1133512	4.1734603	10.2327336	6.7235981	5.6829492
## 179	5.7107313	5.1083270	4.7991616	9.9494229	6.6079371	5.9116998
## 180	5.2050043	5.1651333	4.8083824	9.7848105	5.8947859	3.8092427
## 181	5.4395351	5.4180001	5.4939348	10.2561183	6.6953098	5.0521018
## 182	3.9323588	4.3584482	5.7152854	9.2123311	5.1674594	4.0978661
## 183	4.4340293	4.6327599	5.3158820	9.1231282	5.2643093	3.5952996
## 184	4.3700522	5.8189849	4.5185124	7.7499491	4.1476800	3.8930747
## 185	3.5318644	4.9782464	5.4194151	8.9104128	4.8345609	3.6708344
## 186	4.3348550	4.1504742	5.2511187	8.8850704	5.1405761	4.9708038
## 187	5.1909953	5.7555518	3.2552965	10.3978612	6.5991258	5.1250849
## 188	5.5929956	6.2617463	5.1508154	9.4223548	6.6473175	5.3127476
## 189	5.3252953	5.7551470	5.1868234	9.7386645	6.0055449	5.3641686
## 190	6.3062104	6.5194520	4.6096014	10.2686884	6.7176202	4.9305935
## 191	5.1736746	5.2502011	5.2591353	8.7385915	5.5244743	5.4215217
## 192	5.7019644	5.0428434	3.7383381	9.3705144	5.8046793	6.0969990
## 193	5.1656554	4.6261971	5.6183308	10.0783679	6.1667244	5.8320864
## 194	4.5903829	5.6792617	6.1411795	9.5450484	6.0429965	4.9112177
## 195	4.4999102	6.8771455	5.7850289	9.3888796	5.8906497	3.8922511
## 196	3.9836920	5.7645129	4.4667368	8.8784360	5.5704400	4.9421730
## 197	6.2262334	6.1494330	5.1475856	10.0642718	6.6192170	5.1600150
## 198	4.7427497	6.3262808	4.3497421	10.0498832	6.4495208	4.8476573
## 199	5.4945422	6.2380944	6.2903830	9.9082187	6.2812693	5.4841951
## 200	7.7295227	6.3238144	7.9198755	10.1228370	6.8968934	7.6261280
## 201	4.4892574	6.2822134	5.3128519	10.3056846	6.6460337	5.6550221
## 202	7.0493604	5.1212423	5.2324220	10.0999302	6.4822434	5.6228583
## 203	5.8179987	5.9879727	4.3993806	9.7603192	5.9806417	4.8808974
## 204	5.5563655	6.6265238	6.2387846	7.3217568	4.5491744	4.1408443
## 205	4.6359291	4.9351709	5.3960131	9.3376496	5.2086268	4.7133120
## 206	5.9123053	4.8201520	4.8821099	10.0364790	6.4546456	6.0995223
## 207	5.4116173	6.2611587	4.8769738	10.4747039	6.9708472	5.6866948

## 208	4.3382167	6.2624944	4.8321423	9.7606123	6.1019336	4.9956093
## 209	5.6655276	5.8209000	5.3009035	10.2719410	6.9462778	6.1242416
## 210	6.2943629	6.0567726	5.5616063	10.2719106	6.5748899	5.5205500
## 211	5.8659262	5.8243685	6.7799600	9.3495013	5.5744643	4.1955706
## 212	6.6364513	6.1247811	5.2265109	10.1793833	6.4625543	4.7093078
## 213	6.3800873	4.8908329	5.1753300	9.0632807	5.4579823	5.1565669
## 214	5.4105867	5.5905617	5.6761009	9.2464514	5.5906334	5.4627947
## 215	4.6402102	5.5916701	5.5483103	9.3015135	5.1190945	4.6493392
## 216	4.7718208	6.3385990	5.2260728	9.1866106	5.4192278	4.3342420
## 217	6.2852479	6.3394596	4.4008451	9.8876505	6.3237839	5.1362948
## 218	9.8055743	9.6904230	8.3199896	5.9291352	7.4415061	9.8264356
## 219	4.5774733	4.9352320	5.5830582	9.5471097	5.8372386	5.5708774
## 220	6.3251726	6.1241544	5.3091424	10.2662338	6.7065538	5.1092309
## 221	3.6102376	6.0043539	5.1251218	8.7334973	5.2432460	4.3181583
## 222	5.6952616	6.0654885	4.9283192	9.8944303	6.4674986	4.6004133
## 223	5.6494727	5.0643742	5.9235324	9.5647511	5.8232082	4.9019215
## 224	4.6560586	6.7005033	5.6609490	10.4110479	6.8267040	4.9734806
## 225	6.0718654	5.5818476	6.1322279	10.0484144	6.6607852	5.5652759
## 226	6.8917159	5.5936647	4.9840771	10.0993666	6.7431102	7.0891741
## 227	4.4661293	5.5907230	6.1756385	9.2138459	5.3592072	4.8302890
## 228	5.3312865	7.0406089	6.3469278	10.1164352	6.6473754	5.3798635
## 229	6.1794150	7.5033840	6.1036788	7.1862966	5.7525577	6.7306230
## 230	4.7908160	6.4617772	4.8687893	9.6856248	6.1966029	5.1982199
## 231	4.8882003	6.8716765	5.0848729	9.7566886	6.4369487	5.7503028
## 232	4.8575710	5.6998347	5.3147287	9.4315925	5.6196019	4.3601186
## 233	4.9468579	5.7591032	5.5517721	10.0787878	6.4016071	5.3631989
## 234	5.2428052	4.7695211	5.5878658	9.0594663	5.2605864	4.7873454
## 235	5.3857409	4.6304499	5.3481785	9.3553648	5.4479071	4.8912943
## 236	5.6974871	5.3926360	5.3769861	9.0892555	5.1607785	5.3662247
## 237	6.0084145	7.0623461	5.2458956	9.9769780	6.7095372	4.9714541
## 238	4.3085805	6.2768772	5.2251126	9.6349365	6.0192738	4.9829428
## 239	5.1909802	5.3587192	4.9612665	9.9480625	6.3859312	5.9539287
## 240	5.2012081	4.7783273	5.2913549	9.2935083	5.4096962	4.8443485
## 241	6.9829842	6.1590108	5.8407715	9.7217813	6.4527257	5.8288738
## 242	5.3035239	5.2727198	5.7957735	9.4688896	5.9064450	4.6002714
## 243	5.7701118	5.6808909	5.6126771	9.8881019	6.2435998	4.5536150
## 244	5.2343551	6.6769847	5.1848285	9.7892705	6.1738367	5.2930018
## 245	5.4172952	5.3411527	5.2001514	9.4453319	6.1658677	5.3725476
## 246	4.8218270	4.9530057	5.4192280	9.4271599	5.8974525	5.5263575
## 247	4.6433140	6.0171065	5.2445297	9.7512237	6.2138901	4.4967780
## 248	4.4894744	6.3266622	5.3419107	8.6667413	5.5969271	4.8841495
## 249	6.0222821	5.9751367	5.7188350	10.1180681	6.6367765	4.5397376
## 250	5.9480448	5.7743873	4.9599763	10.2194047	6.7824733	6.0325384
## 251	6.6710270	7.0108298	5.9317477	10.6316363	7.1107064	5.4573509
## 252	5.7452035	6.4765507	4.9811453	10.6995764	7.4230994	5.5381932
## 253	5.8263933	5.8800288	5.1264611	9.7243995	5.8752130	4.7504275
## 254	5.8345182	6.2597633	5.3514507	9.7292297	6.1720315	5.4019315
## 255	6.0025215	5.6614385	5.0921266	9.7596176	5.9983237	5.4427166
## 256	5.9840628	5.5330476	6.6794933	9.5830007	5.8878765	4.6437042
## 257	5.3080237	6.2394735	4.1611201	9.4418072	6.2329364	5.2266919

## 258	5.7337884	6.0543774	5.5946106	9.9251634	6.3610622	4.7609147
## 259	5.0341175	5.7959259	6.3573836	10.3368306	6.7463170	5.7549470
## 260	6.1142614	5.0170506	5.0527094	9.9739468	6.0778618	4.8743238
## 261	4.9906638	6.1457098	4.7951859	10.0612552	6.5165157	4.9225462
## 262	5.1609496	5.6823441	4.8581924	10.0396142	6.2335494	5.8869679
## 263	4.2157981	5.3891530	6.0817896	9.3897529	5.7390533	5.6867251
## 264	6.1314725	5.7486783	4.7209448	10.3855322	7.0425405	6.6206982
## 265	5.2375062	6.3480691	5.3915150	10.2595962	7.0321884	5.3687722
## 266	5.6144087	5.2632876	5.9965946	9.7066416	5.9500529	4.9768942
## 267	4.9234612	5.8487235	5.9199468	8.9313920	5.4562130	4.1738204
## 268	4.9799121	6.0914417	5.8303320	9.7752243	6.6434813	5.8602091
## 269	6.3404564	6.1972314	5.1652858	10.7185839	7.4407538	5.8915231
## 270	5.9766397	5.9455539	5.9522246	10.5433917	7.1025395	5.8623696
## 271	6.6254286	5.8731760	6.8139742	9.5036105	5.9929463	5.0953897
## 272	6.0265236	6.0291189	5.0143418	10.5813632	7.1560490	5.9688794
## 273	5.2951478	6.3910001	4.5374746	9.9170590	6.4476629	5.5853007
## 274	5.5762634	6.5829599	5.2636177	10.7013141	7.2221988	5.2549746
## 275	5.0693161	5.6292532	6.4348541	9.8949228	6.2862832	5.2973278
## 276	6.7864586	6.5101125	5.4293512	10.2832699	6.7155587	5.4335489
## 277	5.5526048	6.6342357	4.6864154	10.0503727	6.7763684	5.4037827
## 278	5.2543430	7.0768750	5.8439224	10.6100650	7.4617432	5.8410354
## 279	5.5170955	6.0875066	5.8368681	10.6028299	7.1064710	6.1736353
## 280	6.6346466	5.6425637	5.2683389	10.0977294	6.8513600	6.1547210
## 281	5.8703961	6.2219022	5.8468269	10.3887393	7.1000155	5.9944637
## 282	5.5032328	6.8254210	5.8460603	8.8294969	6.0341813	5.3677407
## 283	6.5874044	6.6574482	6.7747998	8.1654587	5.8027630	6.0785362
## 284	5.6094478	5.8518711	5.5609603	9.7008143	6.1270414	4.7209350
## 285	5.1419203	5.9041934	5.4388072	10.1617855	6.5619651	5.4710264
## 286	5.5043620	4.9038478	5.7389033	9.7515124	6.1883364	5.9401125
## 287	5.0748681	6.2474237	5.0387176	9.4417903	6.2257938	4.9489099
## 288	7.9990566	5.4659436	5.6763698	10.7631634	7.4811484	7.2276232
## 289	5.8647170	6.5294806	5.1657936	10.4149611	7.2653646	5.7905843
## 290	5.8480655	6.8281569	5.6744733	10.1234072	6.8781224	6.4455519
## 291	6.8613056	6.3577160	4.8640846	11.1007549	7.8638417	6.3955499
## 292	4.8521705	6.7911195	5.2558511	9.9552881	6.6995105	5.1253632
## 293	6.5061725	5.2422422	6.0113185	10.0686367	6.6073950	5.1881615
## 294	5.3643499	5.4401182	6.3751684	9.9421611	6.2725758	5.5191038
## 295	6.3125239	6.6727506	6.4148509	10.0744212	6.7190558	4.7572641
## 296	5.9913591	6.7720300	4.9869479	10.3410770	7.1358301	5.7966796
## 297	9.6479899	6.7528486	7.2008289	11.7717227	8.8690219	8.5712803
## 298	6.3993787	7.0075844	6.3924689	10.3995753	7.2910645	5.5608306
## 299	6.6570576	5.4309856	5.7049673	9.4847242	6.0899092	5.3631008
##	13	14	15	16	17	18
## 2						
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## 13						
## 14	2.7854752					
## 15	4.8176067	3.4442783				
## 16	3.7194206	4.2730111	6.2732381			
## 17	3.9775157	3.8173299	5.2009601	2.6579737		
## 18	3.3727817	4.4039772	5.7416175	5.3768015	5.5222314	
## 19	3.9576756	3.0071780	3.4424621	4.3563015	3.4746236	5.2496722
## 20	5.2120945	5.7098248	6.7428921	5.3781087	6.6453717	5.3133208
## 21	4.3969699	3.4349668	2.1237760	5.0471780	4.3117075	5.2922801
## 22	4.4105757	3.2960921	3.5776786	4.9433163	4.2587434	5.3235405
## 23	4.0545138	2.7312977	4.2994818	4.3665331	3.4131514	5.5057185
## 24	5.1421153	4.6724022	4.9322613	5.5286738	5.1811436	5.6637524
## 25	5.1105673	4.3117299	4.6970580	5.0529301	4.6100614	5.0543164
## 26	5.0734737	5.3190406	6.6341229	4.3095943	4.0227642	6.1365308
## 27	5.3290781	4.4131856	5.0837959	3.6555479	3.1492024	6.4733834
## 28	5.1312271	4.0054715	5.3724440	4.9267017	4.5326576	5.5154027
## 29	4.8706246	5.2498467	6.6769468	5.0534020	5.6126842	5.9646858
## 30	5.0048071	5.1715679	6.4074215	4.3583761	4.1435539	4.6935168
## 31	5.7295756	4.8004579	6.0369869	4.4740988	3.9704809	5.8378087
## 32	5.2823633	4.7864653	5.8524896	4.2709482	3.5919823	5.3174349
## 33	4.6355000	3.5990162	3.9093045	5.7314652	5.5111938	4.7874349
## 34	4.1149206	4.2496268	3.1942628	5.4993363	4.8651827	5.2569591
## 35	4.4565191	3.4812044	5.2911514	4.2058834	4.1958478	5.4414348
## 36	4.4008452	4.6343053	5.9673191	4.3823570	4.3637022	4.5922833
## 37	4.8522262	4.6489451	6.1035661	2.8886278	2.6894425	5.9150044
## 38	5.6857570	4.5613338	4.8584525	5.0225964	4.0347250	7.4262002
## 39	4.6576162	5.1320694	5.2964023	5.7015761	5.2484761	5.0947593
## 40	4.8768133	4.7571362	4.9051808	5.4695203	4.7467924	5.7619589
## 41	4.5860696	3.8730970	5.0995001	5.0903699	4.5021833	4.2623472
## 42	4.7540618	4.3909550	5.0468591	5.7346674	5.8150929	4.9015919
## 43	4.8841042	4.1523630	5.7394932	4.5683985	4.5280005	5.6537453
## 44	5.2099720	4.2527799	4.9590653	4.6144374	4.6739201	5.5285559
## 45	4.2856552	4.3888531	5.2132211	4.1065555	4.2508448	6.4042036
## 46	4.1950787	4.2787808	5.4334125	5.3609868	5.0139093	4.4290633
## 47	3.6904702	3.0845862	4.5786426	5.3012846	5.0649256	2.8086806
## 48	5.4881585	4.1529227	4.8577582	6.2805801	5.1569003	5.7966585
## 49	5.0089124	4.6810295	6.1258665	4.6191311	4.7798681	5.6128100
## 50	3.7157491	3.4153700	3.1405593	5.0417809	3.6306030	5.0823662
## 51	2.9647404	2.2737377	4.3840162	3.4903747	3.1055872	4.4081377
## 52	4.4191651	3.0536545	2.4017044	6.0179902	4.7121359	5.3186047
## 53	8.2018940	8.4698464	8.8867775	8.3113635	8.4718963	9.5901010
## 54	5.1464990	3.6846812	4.0295491	4.9066411	4.3310871	6.0941988
## 55	4.4417647	4.5591192	5.0427877	4.8763106	4.8207247	5.1982533
## 56	5.6035921	5.0058453	5.6133677	4.8451105	3.1200013	5.9623755
## 57	4.2607118	4.4116944	4.8948662	4.1738226	3.8619246	5.5892244
## 58	3.5858120	3.9276918	4.5034710	4.1548076	3.9146455	5.1384487

## 59	4.2129857	3.4541469	4.5354692	5.9476832	5.2384569	4.0413540
## 60	5.0302661	4.3621646	5.4773786	5.3916034	4.7299801	4.9033135
## 61	8.2492988	8.4738175	8.9264680	9.8409845	9.4301619	8.7299170
## 62	4.2931456	3.5297459	4.3068444	5.1320208	5.3953913	4.1668030
## 63	4.1182389	4.2989251	4.6248586	5.0387877	4.5779253	4.6774160
## 64	3.8214782	3.7166809	4.5872053	5.6532285	4.4761271	5.0207114
## 65	5.7600351	5.5505066	5.4753884	5.8760582	6.2613640	6.8342542
## 66	4.5260206	5.2198339	6.5938505	5.1098339	5.5747813	3.3862482
## 67	3.4497912	4.2507724	4.5353925	5.6455847	5.3127109	4.2164236
## 68	3.6953239	3.8122690	4.9929858	4.0693573	2.7976400	5.0256029
## 69	4.0941637	4.3298650	4.5995529	4.5110384	3.5297066	4.7575609
## 70	5.1781607	4.6544325	5.0586102	6.0586330	4.5956717	4.9213398
## 71	4.6667635	4.5025177	4.4285209	6.2124793	5.4768724	5.2887408
## 72	4.4392489	5.0691716	5.7325621	4.9782962	5.1138139	5.0725794
## 73	6.9816549	7.6443837	8.5461348	6.9261106	6.8942990	7.1669774
## 74	4.9262922	5.1614957	5.9143705	4.5922688	4.9258427	5.6049541
## 75	4.0577994	4.3790731	5.4727578	4.7037566	3.9937640	3.6317625
## 76	3.0462155	3.6765335	5.0413119	4.3021821	3.6148500	4.3497865
## 77	6.1861330	5.0250646	4.5081883	5.7505623	5.3273338	7.0238011
## 78	4.0653349	4.3452251	4.7564344	5.4825640	5.2746641	4.8741827
## 79	5.4842037	4.5173238	4.8750269	5.2157950	4.8501592	5.9322831
## 80	4.9991986	3.8684901	2.8205430	5.6856559	5.0997464	5.7314471
## 81	4.7611622	4.6203378	3.9328729	4.6858448	4.1503316	5.0685870
## 82	4.6963904	4.6430917	5.1340101	4.5231241	4.2936591	5.3589293
## 83	3.9146424	4.3903282	4.9302966	4.6496867	4.6506911	4.4718380
## 84	4.8003820	3.8358023	4.7952709	3.4859861	3.9033886	5.8476316
## 85	4.4031545	3.4511182	3.5235434	5.4702636	4.5297803	5.6543593
## 86	4.6488629	4.1471930	4.0958920	5.5568092	4.6620816	5.4554222
## 87	3.9663500	3.2815149	4.0523717	4.7282984	4.7277001	4.3626143
## 88	5.2388599	3.8885928	4.3903984	4.9583818	4.5630532	6.8332606
## 89	4.5638589	3.7842549	4.2613312	5.7736412	5.5743817	5.1714875
## 90	3.7993635	3.2180470	3.7331248	4.8810587	4.3314652	5.5475236
## 91	5.1456503	5.0860753	5.5250680	4.8835165	4.6125497	5.5141505
## 92	4.5019149	4.5160453	4.8884555	4.9438294	4.7122815	4.6507128
## 93	4.7123425	4.7257807	4.3785116	5.5519692	5.6815217	5.5809422
## 94	2.1086300	2.8498759	4.5843479	3.4213451	3.0481763	3.4242828
## 95	5.4757219	4.4860834	3.4614369	6.1508348	5.3757855	6.1638908
## 96	4.4432115	3.2423298	4.1469542	4.3669092	4.4034700	6.3807166
## 97	4.3080032	3.5507455	3.8866648	5.0571128	4.6106045	4.9613472
## 98	4.8096887	4.5411808	4.2555093	4.0258662	4.0192293	6.2236600
## 99	4.9284908	4.0074041	2.7114371	5.8268242	5.0484888	5.7153152
## 100	4.3700410	4.5127134	4.0162874	4.6178653	4.2690144	5.8695482
## 101	3.5478629	3.6870487	3.7329617	4.4608770	3.2146957	5.0264023
## 102	4.8791763	3.8165388	4.3478720	4.4096945	3.9995538	5.4143427
## 103	5.0541462	5.5566918	5.9946925	4.8275381	4.2935745	5.8834214
## 104	5.8767061	6.8683600	7.1438807	7.5707123	7.4967796	6.6147128
## 105	5.4083169	4.3499540	3.6946102	5.5900640	5.1780658	6.4885916
## 106	6.6998795	5.1639315	4.2778117	7.2538408	5.5305976	7.3454291
## 107	3.7032110	3.8642563	4.3648845	4.4691491	4.2572824	4.4081457
## 108	3.4084991	4.2091458	4.6641706	5.1932361	5.0614842	5.0168084

## 109	4.5511468	4.6141549	4.8824022	5.0452585	4.6458341	4.5291058
## 110	8.5782672	7.6605908	6.5107236	9.9390990	8.2015729	8.8367218
## 111	5.7000869	5.2486279	6.4784786	4.2786874	4.0806712	5.9705460
## 112	4.1387460	4.3961927	4.8442109	4.9541946	4.7922056	4.2528091
## 113	4.0264767	4.4426006	4.6835496	5.4674734	5.0906359	4.0308631
## 114	4.6764218	4.0857271	4.4991503	4.1063217	3.5030054	6.1703465
## 115	5.1519097	4.1638957	4.4739836	5.6335756	5.4957483	5.2423958
## 116	3.5457679	4.0555074	3.7533656	4.0889097	4.1273212	5.2424623
## 117	5.4327437	4.3078892	3.9150513	5.3205221	5.2875503	6.6942756
## 118	6.8706531	6.0276700	5.1252294	6.0492919	4.9918315	8.0302757
## 119	5.4389991	4.5047017	4.3484758	4.9853176	5.0716121	7.0386995
## 120	4.9770867	4.9296584	5.3682707	4.0124691	3.5199311	5.0946675
## 121	4.8678907	3.9537568	4.8422965	4.6660338	5.0483627	6.2722576
## 122	4.8144662	4.1777489	3.9098251	4.7895928	4.8483707	5.8547904
## 123	4.7558358	4.9174535	4.4038172	5.2235502	4.8468989	5.4009176
## 124	4.4253973	4.1362801	3.7684436	5.0730632	4.8381248	6.2209361
## 125	3.8987648	4.2067366	5.7127437	4.2419281	4.4660635	4.2637684
## 126	3.8444387	4.0451038	3.6174842	4.9692587	5.1328922	5.2473957
## 127	5.6265755	5.1698609	5.3886252	6.9560168	6.9042154	4.1856992
## 128	5.0638483	4.7860450	4.3202077	5.1198822	4.9409026	6.4746244
## 129	4.8365482	4.0213616	4.2927753	5.5084745	5.0033065	4.8841288
## 130	4.5165419	4.8093411	5.1663449	5.4134057	5.0542781	6.4153975
## 131	4.9149621	4.1587957	4.8497311	5.3468445	5.4528346	6.5640757
## 132	6.3224740	6.4650114	6.9257997	6.4327563	6.7803248	7.1197703
## 133	4.6269847	3.8763441	3.1070209	5.8142417	5.6222452	5.0864130
## 134	5.8697484	4.7697100	5.1724604	5.7393732	5.3003138	7.1502908
## 135	6.2031556	6.8182422	7.1780075	6.1872669	6.0064585	6.7261529
## 136	4.3715882	4.3806296	4.7906293	4.0205064	3.4426882	4.8432705
## 137	4.9901348	5.0173276	5.0062905	4.3828545	4.7615926	6.4742628
## 138	4.0752321	4.2174072	4.3957032	4.6259331	4.0907631	4.3324701
## 139	4.7143910	4.9512239	4.4856794	5.1280674	4.9071170	4.9306236
## 140	3.9765492	3.6406028	4.1446349	5.4132353	5.2129190	4.4536670
## 141	4.1186322	4.1596256	5.5121179	3.4609956	2.8724885	4.2323972
## 142	4.0533914	4.0186785	2.6632165	5.6296978	4.8150137	5.4685736
## 143	4.9352711	5.0250558	4.1396670	6.1664574	5.7106150	4.5417091
## 144	4.4820523	3.5432569	2.8099901	4.8684769	4.4526942	6.0252500
## 145	4.5548128	3.5272162	4.6033897	5.0509300	3.9022999	5.6543455
## 146	4.2998190	4.5512495	4.7242435	5.6215531	5.0026162	4.9022425
## 147	4.1129618	4.5071072	4.8955096	5.2449260	4.9978466	4.1928544
## 148	4.5764190	4.6814707	5.3513003	4.3611161	4.4985861	5.5459791
## 149	3.1694619	3.5199079	5.0784423	2.9472287	2.4700459	4.2131577
## 150	4.3917460	4.0229767	4.5430460	5.2057855	5.0596417	4.7900256
## 151	5.0021471	4.0274600	4.7100819	4.5319046	4.4949596	5.3916583
## 152	5.4646390	4.4091344	5.0545492	5.2192731	5.1807676	6.3497376
## 153	4.7751705	4.1042868	4.8470073	5.4054334	5.6470273	5.0143196
## 154	4.7001908	5.1664410	5.4552798	5.9377924	5.6981417	5.1337492
## 155	4.4611356	3.5935972	2.8442552	4.7750001	4.4288686	5.4724046
## 156	3.7626603	4.2935316	4.7093395	4.6589715	4.2404704	5.1672914
## 157	3.8160395	3.9412857	3.0430525	4.9460421	4.5410972	4.9442681
## 158	4.2217018	4.5660390	4.7526417	5.6339816	5.1765741	4.1627221

## 159	4.7196104	4.6798828	5.3129814	3.2820485	3.1967087	5.8702196
## 160	4.9834546	3.6132415	3.7063120	5.5055561	4.7375754	6.2803373
## 161	4.1604938	3.0034883	3.6796941	4.2066572	3.9966957	5.1380452
## 162	3.5413497	4.1408672	4.7294073	4.9810291	4.9444310	5.0868625
## 163	4.9611940	4.4873150	4.2236913	5.6101013	4.4152331	5.9795401
## 164	3.8309588	5.0628930	5.8793241	5.0571264	5.4060595	5.7994085
## 165	4.1282196	4.6398972	5.5458550	6.0461747	5.4309376	4.7143574
## 166	5.3841526	4.7559182	5.3968956	4.7595749	4.6745525	5.6107572
## 167	4.9960227	4.9912023	5.6793431	5.1243304	5.4739897	5.4236493
## 168	4.0246030	4.9457813	6.4334566	4.7212729	5.1241599	3.7847625
## 169	5.0513835	5.1095958	4.5410856	5.2983041	4.8591632	5.5420881
## 170	5.3734955	4.5108571	3.7118337	5.5475669	5.0555276	5.2604245
## 171	4.3266904	4.5898612	4.9057642	5.4320107	5.1644331	5.4004411
## 172	5.5669749	6.0610334	6.2035702	6.7776079	6.3778330	6.3800664
## 173	5.6158889	4.7733575	5.5308811	4.9162874	4.8994076	7.5441207
## 174	3.1413380	3.9203021	4.2967171	4.9040309	4.4802563	4.4321887
## 175	5.5313396	4.6930621	4.9374568	5.8500827	5.3439872	5.7591576
## 176	5.0302765	4.6001746	4.9425848	5.0381132	4.6314878	6.5083270
## 177	4.6456176	5.3071561	6.0955609	4.4421259	4.9036380	5.0433912
## 178	4.0425724	4.4806066	4.4225167	4.6246286	4.9899566	5.8676753
## 179	5.1311857	4.9061781	5.3771322	4.9208243	4.5280656	7.1517382
## 180	4.5244451	4.6842710	4.9560273	5.3907594	4.8966515	5.2636630
## 181	4.3928619	4.6532192	4.7477754	6.1718536	5.7353978	4.4494044
## 182	3.8657805	4.2902705	5.5396257	4.8247885	4.4152672	4.7686843
## 183	4.6148831	4.8399934	5.8719023	5.2454540	4.6458575	4.5809371
## 184	4.7926752	3.8531610	5.4047908	4.2902762	4.1815991	4.9295379
## 185	3.4078899	3.8925000	5.2348651	4.5176195	4.0623018	4.5294044
## 186	4.2178808	3.9397656	4.8131651	5.1631702	4.0488097	5.0866054
## 187	4.0826317	4.5389377	5.4045714	4.6640177	5.1632881	4.5298651
## 188	5.3318061	5.5294838	5.4105242	6.4431928	5.4364650	6.1209040
## 189	5.0401431	4.3390978	3.9462225	5.3068805	5.2641194	6.0587538
## 190	5.1646471	4.3568776	3.6410419	6.3841748	6.1337678	5.8873461
## 191	5.6861415	5.4857077	5.5745105	5.3957821	4.6470767	5.6886094
## 192	5.1686393	4.8013173	4.3472416	4.8605341	4.7169745	6.4099834
## 193	4.3684651	4.4979629	4.9259625	5.2892135	5.2773961	4.8640435
## 194	5.0468836	5.4086113	5.8738704	4.9517225	4.5859615	6.4088282
## 195	3.8093288	3.7772264	5.3906826	5.4772285	5.6273496	3.6411527
## 196	4.2962774	4.3269729	5.7218865	3.5522638	2.8120766	6.3780616
## 197	5.3697077	4.7448234	4.1044821	6.4882486	6.2878252	5.7136347
## 198	4.8312707	4.9679216	4.2741606	5.2972977	4.6919319	5.0807531
## 199	5.1156728	4.5928918	3.6363316	6.4814094	6.0336536	5.5420113
## 200	7.4799937	7.6646676	8.0247554	7.7673723	8.1749025	5.9416450
## 201	3.8435699	4.7694641	5.7467364	3.8438513	4.5736997	5.4989580
## 202	5.9354126	4.7535128	4.9619071	6.6285760	6.3388296	6.4802070
## 203	5.5310640	4.5192542	5.2435478	4.8246868	4.8796819	6.3372657
## 204	5.6064796	5.1124468	5.4776973	6.1618062	6.0263662	5.6942679
## 205	5.0811694	4.9387670	5.2488328	4.5848226	3.9044193	6.1169749
## 206	5.1060964	4.8726793	3.9778553	5.9991410	5.4693546	6.1244408
## 207	4.1897871	4.5133097	3.9329543	5.6659629	5.4547815	5.8025538
## 208	5.1498496	5.2675529	5.8152532	4.1172516	3.8809251	5.4146302

## 209	5.0373150	5.3733839	4.7853408	5.7651404	5.3035043	6.5644702
## 210	5.5978801	5.0609816	4.4982812	6.5856916	6.5258975	5.2305424
## 211	6.3153157	5.4660791	5.1910043	6.9206939	5.8665751	6.0551152
## 212	5.5888906	5.0225728	5.8662059	5.7715260	6.1822687	6.6424613
## 213	6.5104169	5.8413448	5.6602373	6.2105122	5.0523713	6.9580171
## 214	4.8108624	4.1609533	4.6088525	5.9418260	5.9160111	5.1020221
## 215	4.6148765	3.5148185	3.8321301	4.9708225	4.4441461	5.3572292
## 216	5.0484876	4.3928681	4.9663886	4.8456443	4.7390816	5.0958729
## 217	6.0333601	5.0243179	4.2382150	6.0187062	5.3052324	6.8430811
## 218	9.2244695	8.8034087	9.4729340	8.9044635	9.6121240	10.4540092
## 219	4.5495512	4.7305364	5.0568969	4.8173389	4.4211237	5.3978336
## 220	5.8874954	4.9826986	3.8934716	6.7849401	5.9849583	6.3177919
## 221	4.3529382	4.6317640	5.6959829	4.7061616	4.0296733	3.9896496
## 222	5.4083243	5.4883851	6.0099033	5.2520373	5.0204703	6.6334902
## 223	4.6816251	4.5900382	4.4986362	6.2521045	5.5252036	5.8400176
## 224	3.9438392	4.8196541	5.4125959	5.3689595	5.5528597	3.7311493
## 225	5.8940286	5.5398401	4.9729231	7.0392603	5.6986543	5.9142480
## 226	6.7423744	6.5853341	6.4706996	5.9641533	6.3023799	6.4917664
## 227	4.3916832	4.8529248	5.3019060	5.1804478	5.1335762	4.8153234
## 228	4.4843562	4.5636504	5.2569074	5.4692888	5.5980845	6.0798194
## 229	6.4106356	6.5923249	6.2248933	6.6548867	6.6886512	6.0486909
## 230	5.2734899	5.3723468	4.6895010	5.4824936	4.8930462	5.0177569
## 231	4.8119789	5.5328409	6.3862869	5.0341880	5.8043102	4.0058750
## 232	5.0790206	5.3150006	5.8317858	4.9461452	4.9062623	5.0843372
## 233	3.7046126	4.0386213	4.3700979	5.4601713	5.1989699	4.9461317
## 234	4.5453165	4.5593431	4.6834835	5.5714585	5.0136756	5.6907979
## 235	4.5679248	4.5508133	4.8339215	5.3605180	4.9868711	5.8372217
## 236	5.8289184	4.3624679	4.3956031	5.3981174	4.4342504	6.8768750
## 237	6.0868330	5.1853518	5.5686607	5.6090634	4.9712613	7.3849577
## 238	4.6539051	5.0273361	5.5759968	4.6330308	4.6603099	4.3316556
## 239	4.9821285	5.1021532	4.6004222	5.2019041	4.9040386	6.0183263
## 240	4.5255680	4.5506037	4.9645728	5.0974239	4.8693666	5.8009739
## 241	7.0966517	5.8189121	4.4051422	7.4784279	6.1626586	7.3121669
## 242	5.3320267	5.5478861	5.8137033	5.7520218	5.3738083	5.4330328
## 243	4.7585939	5.0162901	5.2992708	6.2051744	6.0216566	4.9302232
## 244	5.2905801	4.6661509	4.2118566	5.1477626	4.7627794	6.7150707
## 245	4.8308225	5.0109775	5.3584852	5.5988167	5.4596699	4.9378856
## 246	4.5698424	4.5571778	4.8399629	5.0381407	4.5566725	5.6898482
## 247	4.0364331	4.5271443	5.4698774	5.5614494	4.8351939	4.3573783
## 248	4.6905653	4.9316728	5.2035053	5.2416753	4.8614811	4.6022383
## 249	4.9677162	5.1742582	5.2634511	6.5367770	6.0114859	5.7105581
## 250	5.3913606	5.5887824	5.2751001	5.9664654	6.1096543	5.1051554
## 251	5.9138606	5.3336315	4.1854672	7.3106351	6.5151008	6.2741064
## 252	5.2871471	5.5630640	5.0400560	6.0801015	5.6459286	6.0987940
## 253	5.0098136	4.0903853	4.5444096	5.7577055	5.6826594	5.0909015
## 254	6.0141715	5.3266511	4.8985805	5.9609829	5.8085768	5.8219246
## 255	4.9947168	3.9132245	4.5548732	5.2747197	5.2377091	6.6120921
## 256	5.5670843	4.7273731	4.6641207	6.6523963	5.8534036	6.7329334
## 257	5.2107473	5.1794978	4.5064602	5.4941592	4.9258903	5.7328592
## 258	5.3972723	4.6278846	4.9670642	5.9219530	5.5555884	5.8766198

## 259	4.3556202	4.7834972	5.0457955	5.8846868	5.6104084	5.0378546
## 260	5.3764840	5.2137417	5.5083128	5.8873138	5.6368922	5.6890089
## 261	4.4335656	4.6930557	5.2089532	5.0471613	4.9445804	4.9744365
## 262	4.8194802	4.8761121	4.2752127	5.2176644	4.9220015	5.5798823
## 263	4.4452171	4.8593119	6.1225659	4.8690912	4.8704172	4.5517957
## 264	5.7810924	5.7093444	5.5747201	5.2095717	5.2554230	7.3007653
## 265	4.9487148	5.4030388	5.9791244	5.2525011	5.2423274	5.7532426
## 266	4.9537369	4.8558092	4.7793874	6.1557643	5.3321828	6.1483710
## 267	4.6415324	5.1368105	6.1011828	5.9091915	5.5288564	4.3581200
## 268	4.5335302	5.0246511	5.6820606	5.0140361	5.1556212	6.0202995
## 269	5.4885825	5.6054777	4.9147480	6.6693964	6.2226692	6.0464822
## 270	4.9330336	5.3543872	5.7536051	6.3099259	6.3916608	4.7354931
## 271	5.9424257	5.4750855	5.7365749	7.1041198	7.0553780	5.5029698
## 272	5.3395311	5.6147909	5.2674596	6.0855587	6.1073648	5.4541417
## 273	5.2997033	5.4532634	5.1220052	5.2928349	5.2469669	5.2661012
## 274	4.5056650	4.8984125	5.3939999	5.7414387	5.6952885	5.2297184
## 275	4.9505044	5.4356204	5.9489873	5.4509561	5.4317371	5.9069896
## 276	5.9778209	4.9769737	3.7422232	7.2147199	6.4850784	6.1869483
## 277	5.6508978	5.5799308	4.7883956	5.8916492	4.9892344	6.3025339
## 278	5.3563750	6.0270952	6.8512611	4.9742251	5.4601183	6.0805537
## 279	4.8535274	5.3172415	4.7784668	6.0450288	5.8247880	5.7362026
## 280	6.2252442	5.8414206	4.7628441	7.0323410	6.1634786	6.3202637
## 281	5.6027911	6.0106254	6.3904551	5.7723967	5.5873086	6.1178965
## 282	5.5846906	6.1512029	6.9692567	5.1127444	5.7642711	6.0456405
## 283	5.9389246	6.2726022	6.6553339	6.9913483	7.2605223	5.4109438
## 284	5.3152245	5.5835628	5.8828712	5.7060272	5.3509517	5.8239653
## 285	4.3475837	4.4020217	4.6543199	5.3948510	4.8603274	5.8806268
## 286	4.9665738	4.8292498	4.9588750	5.7182057	5.2078387	5.8437018
## 287	4.8358585	4.9061106	5.1218281	5.4407346	4.8720949	5.4261833
## 288	7.0590403	6.4908027	5.4804809	7.9342837	7.2548555	7.1042279
## 289	5.7501363	5.9124067	5.3605789	6.1332605	5.5805278	6.4400183
## 290	6.5893159	6.2077685	5.3541495	5.9972242	4.6156130	7.8305703
## 291	5.7823409	5.9320345	5.6807147	6.4514995	6.4728615	6.7262773
## 292	4.6136969	5.1341918	5.7609943	4.9875086	5.0784572	5.2070451
## 293	5.9747372	5.7862635	5.6988224	6.8799227	6.1124243	6.4296929
## 294	5.2863919	5.5755150	6.0560551	5.5149919	5.4589077	6.1686861
## 295	6.1724491	5.7314179	6.2318000	6.3544145	6.2192818	6.9413886
## 296	5.3136160	5.6479569	5.1152399	6.1737865	5.8582566	5.9189586
## 297	8.6676994	7.9740818	6.7374269	9.6482946	8.5310551	9.1070990
## 298	5.3294080	6.1321874	6.6801024	6.4711043	6.6824162	6.1360075
## 299	5.9502517	5.6710149	5.6597046	6.7590530	6.2093202	6.2267468
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59 4.3096067 6.9516513 4.5476158 4.5366231 3.1179164 5.5026067

## 60	4.3163516	6.7365168	4.7660512	3.8286643	3.3545526	5.4277443
## 61	8.9870332	10.0239267	9.1686514	8.6222837	8.8339484	9.0153785
## 62	3.8285464	4.6480097	3.9227695	3.6325757	4.7225395	5.0975342
## 63	4.9686250	6.7534192	4.4070984	5.3002564	3.8339661	3.9580001
## 64	4.6999685	7.4450710	5.1158958	5.0712738	4.4071850	4.3961008
## 65	6.3398377	5.8757505	5.7928324	6.2163127	6.4189291	3.7187708
## 66	5.6727108	5.5171944	5.7270051	5.6345075	5.1264721	6.2604254
## 67	4.0154258	5.0756533	4.2897905	3.3004796	5.1925964	5.6091810
## 68	3.7292275	6.8662405	4.3803977	4.4149659	2.3628585	5.5817457
## 69	3.0196509	6.6566610	3.8748020	3.9412697	4.3568280	5.3326169
## 70	5.1505741	6.7255184	5.2430595	4.1999068	4.9877301	4.1720162
## 71	5.6544210	7.2512170	5.0219036	5.7671348	4.4150762	3.7668468
## 72	5.4744603	6.2744074	5.1161713	5.2204260	4.6206740	4.1295626
## 73	7.6630219	8.3384268	7.9750673	7.8463312	6.9640515	7.9658647
## 74	5.7093725	5.8621461	5.3085377	5.2626506	4.6782102	3.4927536
## 75	4.5081757	6.4818856	4.8545860	4.8422990	3.5559212	5.3366732
## 76	3.8755611	6.5640564	4.4576869	4.5721284	2.7883811	5.7574790
## 77	4.8206637	7.1632768	4.3577075	5.0846201	4.2535457	4.6330822
## 78	5.4077298	6.0863937	4.8420035	4.8650559	5.2440534	2.7182891
## 79	4.9105697	6.0473252	4.2250419	4.1726664	3.7164309	4.6872054
## 80	3.8088097	6.6450078	3.0203263	4.1147137	4.4851237	4.0624483
## 81	4.1017281	5.8877938	3.3210764	4.3027340	4.9102214	3.9028031
## 82	5.2807415	6.4738006	4.7749553	5.4781801	3.9858311	3.6087816
## 83	3.9221816	4.0182870	4.1396368	2.8136521	5.0722931	5.3720966
## 84	4.2663273	5.7881199	3.6119175	4.4700421	4.1107033	4.8684872
## 85	2.4757385	6.2084221	3.2547058	1.6244796	3.8691156	5.4126112
## 86	5.3056045	6.9873396	4.6780212	5.3965270	4.8268220	2.6120474
## 87	4.1109329	6.3392403	3.4151546	4.5242084	4.1131187	4.2149338
## 88	4.8120432	6.4106849	4.3190053	4.1687625	4.2897641	3.4214853
## 89	4.9302996	6.3500240	4.3167900	4.3636098	4.7481143	3.3200412
## 90	3.4611854	7.3497414	2.9978582	4.3794119	3.6580795	5.4621615
## 91	5.5215425	6.1750221	5.0551001	5.0179028	4.4124156	3.2111314
## 92	5.4101984	5.3208024	4.7255596	4.6033694	5.1440850	2.0049414
## 93	5.3692387	5.5492541	4.6876163	5.3349860	5.7076551	3.4197711
## 94	3.4668882	5.3422628	3.8783614	3.8328831	3.6455249	5.0790931
## 95	4.1061506	6.8387276	3.5155488	3.5773613	4.8485000	3.9632147
## 96	4.4230110	6.5120660	3.9324575	4.7676285	3.9437546	4.1881645
## 97	4.0349638	5.8344567	3.1597227	3.2331179	4.1241778	4.5130179
## 98	4.4017496	5.3363741	3.7712257	4.5573845	4.9083689	4.0872556
## 99	3.3727626	6.0481923	2.2954137	2.4241488	4.4856882	4.8154010
## 100	3.9840918	5.4690487	3.4256200	3.4750024	4.8595488	4.0381831
## 101	3.8525155	6.9462237	3.2500648	4.4600266	3.8918008	4.5969969
## 102	4.2058815	6.7150141	3.6283853	4.5516823	3.9694110	3.9963255
## 103	5.0792107	8.0298067	4.9810673	5.9166366	4.3454203	5.7677922
## 104	7.4835021	8.4447534	7.1549811	7.7229141	6.7507748	6.9432232
## 105	4.1185749	6.9719634	3.5117879	4.4161883	4.7654658	4.5496363
## 106	4.6675196	8.1988150	4.8222798	4.5841287	4.2156939	6.6134559
## 107	4.8727343	5.9835832	4.2150649	5.0225063	4.6082595	2.9230885
## 108	5.1881801	5.6856466	4.6089823	4.6399899	5.0650582	3.9713526
## 109	5.2997324	6.2662761	4.6097846	5.3571962	4.1400514	3.8834930

## 110	8.4658456	10.2626423	7.8530643	7.7239875	7.4076995	6.1076291
## 111	5.6987552	6.3086035	5.9859521	5.7031673	4.3778642	4.7184969
## 112	5.1505358	6.2214563	4.4909930	5.3342755	4.0989674	4.0156485
## 113	5.1464533	5.9103056	4.4395632	4.4987859	5.1905506	3.4253141
## 114	3.9949071	5.4410782	4.4016960	4.0406843	4.4321958	4.5157767
## 115	5.2635646	4.9748009	4.2682402	4.0590806	5.0320348	4.1729973
## 116	3.6356741	5.4766515	2.9983690	4.2031550	4.6198821	4.6569379
## 117	4.4928001	5.2792624	3.7975985	3.5933486	4.9343806	3.8812038
## 118	5.7156041	7.3937359	5.0953778	5.5148200	5.9529753	5.3383193
## 119	4.3310387	5.7723098	3.8762673	3.7563857	4.8821478	4.3395676
## 120	3.9118727	5.7816444	4.4055272	4.1992351	4.8514544	5.2491438
## 121	5.1015080	6.0059454	4.4834903	5.1378162	3.6023991	4.6783619
## 122	3.5304625	5.2482246	2.8001202	2.8662481	4.6025223	4.7823728
## 123	4.4888248	5.9063595	3.9926160	4.0709249	5.2847923	3.5209696
## 124	3.0495887	7.0902131	2.7289383	4.1997047	4.3874658	6.0056660
## 125	5.0137924	5.4517323	5.1706569	4.8960833	4.9451796	4.8331522
## 126	4.5938025	4.7904924	3.7162241	4.5685737	5.1611163	4.1241252
## 127	5.3187338	4.9188882	5.1192291	4.0725295	6.1994519	6.0553376
## 128	5.0042189	5.0940467	4.3778753	4.1887288	5.3678979	3.2309250
## 129	4.5457034	7.0307433	3.8760117	4.8814734	3.3528921	4.7117568
## 130	5.3119928	6.8674828	4.8580778	4.8412288	5.2851923	4.8213477
## 131	5.3846999	6.6519296	4.8779077	5.5215369	3.8653676	4.8439314
## 132	7.1999423	6.0617685	6.4673969	6.1451821	7.1001727	6.0698122
## 133	4.0813754	6.0868673	3.1777831	4.2378342	4.8276300	4.3804938
## 134	5.4592687	7.9893749	5.1482326	5.7998106	3.9960826	4.5709835
## 135	6.7919410	8.1287378	6.5499072	7.1164855	6.0141770	6.5927199
## 136	4.6215447	6.4926251	4.1021672	4.9709987	4.4839961	3.6529281
## 137	4.9283526	4.8298024	4.4577796	4.3331493	5.4490813	3.8581306
## 138	4.6715084	5.7359990	3.7140848	4.6172589	4.7137179	4.8335103
## 139	4.5367880	5.3477623	3.9017766	3.9372642	5.3768723	3.6103918
## 140	4.4626289	6.7807862	3.8359904	4.8682850	4.4368194	4.6442731
## 141	4.3143583	5.9903046	4.7680961	4.6167429	4.2100950	4.5164425
## 142	4.0650722	6.3013374	3.2077641	4.3206038	4.7955860	4.4709410
## 143	5.0887204	5.2796344	4.2026109	4.1754409	5.7760697	3.5968051
## 144	2.8841669	6.4181209	2.0951390	3.6149415	3.9793552	5.0378945
## 145	3.5764297	7.2695761	4.1186193	4.0367453	1.9124152	6.0651335
## 146	5.1720799	7.2895536	4.6764905	5.5850182	4.1265240	4.4118573
## 147	5.1893857	6.5365371	4.5861288	5.4828041	4.2186038	4.3432788
## 148	5.5484692	6.1828426	5.0901524	5.6908286	5.1329689	3.2819283
## 149	3.6643467	5.5095651	4.1307023	4.0004113	3.7591827	5.2363619
## 150	4.6664669	6.6766144	4.0718164	4.9746882	4.5599692	4.6857751
## 151	3.4650253	5.6392644	3.9020306	3.5822295	4.3949601	5.2527253
## 152	5.3015921	6.4148495	4.8476180	4.7206462	4.8871248	2.9806959
## 153	5.2132239	6.2757776	4.5478953	5.3354907	4.0307159	4.4548607
## 154	5.9245305	6.3908088	5.3846303	5.3685173	4.9432257	3.9397719
## 155	2.8634611	5.9002667	1.7479184	3.3989259	4.0487194	5.0952436
## 156	4.5406168	6.1746618	4.0206849	4.1577862	4.6886110	4.4705272
## 157	3.8631287	5.4151031	2.8528833	4.0199940	4.7392355	4.4554394
## 158	5.2456359	6.7523338	4.5789587	5.4736962	4.3106382	4.5136718
## 159	4.8812190	6.0152359	4.3917943	5.1121880	4.6550981	4.5424952

## 160	4.5594857	7.1264690	3.8612309	4.7230190	2.8647223	4.6376836
## 161	3.7977647	5.9249052	2.9001239	4.0164555	3.6375476	4.4801547
## 162	5.0391364	6.4171417	4.4972130	5.4157338	3.9787508	4.9024941
## 163	5.2085825	7.1031499	4.5162330	5.2539923	3.7824562	4.3769624
## 164	4.7115493	5.6382225	5.3426812	4.5427099	5.5957307	6.0257441
## 165	5.5143369	6.5124593	5.7677780	4.9129734	5.3423182	4.5154193
## 166	3.7813239	5.6150775	4.3801711	3.1389308	4.7897981	5.2798302
## 167	6.1425922	5.9273194	5.5647805	6.1234763	4.9266267	3.6434288
## 168	5.1895868	5.4456912	5.5039288	4.7084588	5.5200310	5.4860478
## 169	4.6929765	5.8291667	4.1388783	4.1171261	5.3922709	3.5141101
## 170	3.9657917	6.3048330	3.0839342	4.1567639	4.8122880	4.8077789
## 171	5.4231023	5.8481276	4.7626334	4.7325291	4.3641108	4.1925179
## 172	6.7223814	7.9879487	6.3343977	6.8995648	5.7160504	5.6348465
## 173	5.1766700	7.7218481	5.0059420	5.7253244	3.7890617	5.5486432
## 174	4.4164025	6.6149070	3.8153757	4.9635313	4.6008860	5.1355011
## 175	5.1085443	6.9193116	4.5607202	4.5756569	3.9875241	4.2431402
## 176	5.6076787	6.6367236	5.0571841	5.6513157	4.1193019	4.0288685
## 177	5.5987227	6.3949633	5.2233232	5.9639479	4.7150891	5.0148994
## 178	4.5358385	5.6157165	4.0260396	4.9389901	5.2286135	4.8061030
## 179	5.5513470	6.8746845	5.2705053	5.1822571	5.1342448	3.7039632
## 180	5.3711022	7.0945054	4.8986009	5.6827782	4.1844163	4.1111068
## 181	5.6899019	6.1838481	4.9865994	5.0112316	5.5705085	3.3077055
## 182	4.7062800	5.7980986	5.0687789	4.1834855	3.7254949	5.2238787
## 183	5.0875105	6.3283870	5.4232835	4.5689219	4.1582199	4.8194973
## 184	4.1686253	6.2399772	4.5336583	4.3087293	4.1341663	5.3003707
## 185	4.3428593	6.3082739	4.7470092	4.7449169	3.2549304	5.7048948
## 186	4.5989287	5.9576280	4.8107232	3.6825111	4.4276882	4.4405901
## 187	4.7724613	4.8138128	5.0893804	4.9337429	5.3963994	4.7710434
## 188	4.9324541	7.2607835	5.3737414	4.4667698	5.6777276	5.5752042
## 189	3.9925745	5.4449665	3.2572269	3.2487757	4.8636151	4.7781025
## 190	4.7142470	6.7646905	4.0163888	4.9027616	5.2720642	4.6597816
## 191	5.6244093	6.5763021	5.0286625	4.9031461	5.5095880	3.9243492
## 192	4.9200936	5.5235010	4.1985911	4.8469601	5.3003475	4.2480764
## 193	5.6014205	4.8673419	4.8086702	4.7288466	5.4169768	3.6585193
## 194	5.2553132	7.1232154	5.0250398	5.1557639	4.4346742	5.4070795
## 195	4.5478357	6.3676531	4.8394071	4.8633099	4.7842198	6.0057681
## 196	4.2969402	7.1556830	5.0611860	4.9576503	4.1255766	5.5637881
## 197	4.8928808	6.0677918	4.1548938	4.1221491	5.5447406	4.3402784
## 198	4.3027820	6.5833459	3.7070758	4.7577739	5.2042313	4.7005174
## 199	4.3340242	5.9887750	3.3924255	3.4993418	5.3003670	5.4741323
## 200	8.4671628	5.7686526	7.6439181	7.4469343	7.8386077	6.4948703
## 201	5.2534436	6.0172522	4.9191958	5.7037913	5.1867732	5.2282202
## 202	6.1668357	6.6079091	5.4932678	5.2798086	5.6327967	3.0744614
## 203	5.1822123	6.9145090	4.7632223	5.4375433	4.7949426	4.2119984
## 204	5.4709264	7.3674343	4.8002327	5.5494615	4.7134686	6.0051638
## 205	5.0576693	7.0033225	4.6165061	5.4204961	3.8732158	5.0601363
## 206	5.1082376	5.5341999	4.3236241	4.1895529	5.5690308	3.8380540
## 207	4.6826083	6.2912052	4.0707943	5.0213339	5.3602843	5.0062050
## 208	5.1188376	6.8859931	4.7722156	5.5809760	5.1233716	4.7808154
## 209	5.0474906	6.3632409	4.6148052	4.5859792	5.6414642	4.9016250

## 210	5.2449694	5.4461541	4.3809947	4.3063041	5.8865543	4.5880549
## 211	5.5089486	7.9150160	4.9140814	4.9878628	4.6513654	5.3780013
## 212	6.0406518	7.1888458	5.6788859	6.2834148	4.8267446	4.9607101
## 213	6.2177392	8.0535676	5.7155767	6.2294145	4.9524168	4.5561699
## 214	4.2933991	4.5970990	4.3364823	3.0254895	5.1798636	5.6863306
## 215	4.1636574	6.4780720	3.3273796	4.3653197	4.0124749	4.8598160
## 216	4.6304660	6.6749557	4.0299050	4.9247204	4.6237159	4.9138292
## 217	4.6216027	7.4638111	4.1423957	4.9257041	5.0923148	4.8861310
## 218	9.1016005	8.7450077	9.0800167	8.6636917	9.3821147	9.7634387
## 219	5.1468451	5.7576109	4.5343801	4.4855411	5.0415860	4.1585227
## 220	4.7663187	7.0731150	4.1302939	4.1341505	5.3807825	4.4612975
## 221	4.6260071	6.5721084	4.9550834	4.8914315	4.7871914	5.5258412
## 222	5.8105784	7.8222963	5.6123125	6.3079084	4.7258671	4.9039446
## 223	5.6272507	7.2144387	4.9524666	5.7031763	4.4580541	4.9270252
## 224	5.4927729	6.2678328	4.8995328	5.7727803	5.6117048	4.9674045
## 225	6.0307984	7.7403620	5.3900291	5.3693598	5.8280973	4.1474504
## 226	6.6430782	4.9331175	5.9788577	5.7008947	6.9722558	4.5092903
## 227	5.3404241	6.2186634	4.6553156	5.5069202	4.5341799	5.5910022
## 228	5.0829601	7.1746483	4.7143748	5.5608521	5.0416737	6.1053256
## 229	6.2767104	6.5654747	5.4736427	6.0101514	7.0493097	6.5937036
## 230	4.6037509	6.5029114	3.9164222	4.8839889	5.5266990	5.1572921
## 231	5.2709827	4.6791859	5.4320779	5.3347821	6.2038175	6.2721946
## 232	5.5673342	6.6838853	5.0755145	5.8332178	4.6839158	4.9552077
## 233	5.2104406	6.3127053	4.5016744	5.3513045	5.0578007	4.6017018
## 234	5.4097381	6.7582945	4.7432287	5.4728857	4.2016845	4.8089162
## 235	5.4968749	6.5930376	4.8786520	5.5726000	4.2244457	4.5971487
## 236	4.8435804	7.3762893	4.2243622	4.9369815	4.3814136	4.8545429
## 237	5.2158567	8.6044531	5.1116061	5.8718931	4.9599319	5.3556919
## 238	5.2572949	6.2351596	4.6745193	5.4990705	5.3440663	4.8009766
## 239	4.7305391	5.4669940	4.1197227	4.0655775	5.4247435	4.4736240
## 240	5.4114987	6.4891091	4.8210979	5.5403831	4.1852919	4.6686116
## 241	5.4023274	7.9854395	4.7474888	4.6347697	5.8541672	5.0147567
## 242	5.8303255	6.7204908	5.3349591	5.3496836	4.9744733	4.4788135
## 243	6.0282163	6.8403731	5.3878042	6.0981378	5.0663617	4.6679068
## 244	3.7462731	7.0206180	3.3412305	4.4234587	4.6470781	5.8422885
## 245	5.8094051	5.8137488	5.1401871	5.0452679	5.6675871	3.4527090
## 246	5.1507126	6.0280205	4.5410411	4.4931835	4.9930906	3.9169157
## 247	5.0608699	6.9925150	5.3795282	5.3198179	4.9903550	5.3356700
## 248	5.2283963	6.7128906	4.5569061	5.3698192	5.3143448	4.8756818
## 249	6.0417463	7.7302513	5.5501229	6.2725010	5.0201024	4.8788030
## 250	5.7035108	4.8675708	4.9508828	4.8545217	6.3043274	4.1234823
## 251	5.2457660	7.8195696	4.6191218	5.4265225	5.7887645	5.7374087
## 252	5.1735843	6.8289656	4.8072864	4.8975898	5.8748563	4.5357038
## 253	5.2922180	6.3868397	4.5169757	5.2424634	5.0073707	4.1864113
## 254	4.8385914	5.9311744	4.1335510	4.0822317	5.6304588	4.8857565
## 255	5.1583468	6.7142715	4.6025020	5.2747551	4.6575526	4.5691341
## 256	5.2899889	7.6890931	4.7745561	4.8397152	4.1786616	5.3274861
## 257	4.7181264	6.7112985	4.1256226	4.9716441	5.4210333	4.6558288
## 258	5.2040408	6.9513210	4.6947524	4.7047212	5.0596609	4.1755467
## 259	5.5529111	6.0677607	4.8894757	4.9727792	5.5709167	4.7274343

## 260	6.1729867	6.8257197	5.5844391	6.1759978	4.9984373	4.1254937
## 261	5.3665017	6.6511377	4.8615096	5.6481817	5.2439508	4.2091759
## 262	4.6919722	5.6844420	3.9256400	4.7839898	5.3493764	4.9694244
## 263	5.2534057	5.0791014	5.4181551	4.4941061	5.3674569	5.5836708
## 264	5.4852168	6.0646325	5.1409826	5.0239086	5.9133705	4.6591844
## 265	5.7094594	6.7695753	5.4041308	5.4566577	5.6822761	4.3556760
## 266	5.6135772	7.5080290	5.0401720	5.7917726	4.4535862	5.1480710
## 267	5.6054980	6.8569353	5.7778645	5.7096627	4.8051837	6.0176754
## 268	5.5048251	6.2593622	5.1000431	5.1305190	5.4932977	4.8562510
## 269	5.6664120	6.6163200	5.1164327	5.1111623	6.1920674	4.3009625
## 270	6.3869419	5.8223485	5.7131626	5.6810145	6.2812126	4.1051392
## 271	6.4114606	6.5369870	5.6521485	5.5869532	5.5778722	5.2381928
## 272	5.6635874	5.5228753	5.0379990	4.9923993	6.2509510	4.2479938
## 273	5.0669555	5.9866113	4.4300237	5.2266132	5.7969160	4.9389188
## 274	5.8001381	7.0005714	5.3340520	6.0942008	5.6613060	4.5503680
## 275	5.7383082	6.4971170	5.3165916	5.3979360	4.9568748	5.3771109
## 276	5.2287759	7.3502164	4.4229500	5.1885986	5.6787813	5.0798134
## 277	4.8810476	7.5538915	4.4684271	5.3194759	5.5632637	5.1317230
## 278	6.0390477	6.8477437	5.8695659	5.9580956	6.1405674	5.2700782
## 279	5.1697182	5.7666454	4.5465760	4.5955228	5.9049863	5.1270841
## 280	5.8699368	6.7757090	5.1461452	5.0216826	6.2868370	4.1464480
## 281	6.2849888	6.9353125	5.9313759	5.8773289	6.1366015	4.7528430
## 282	6.3316927	6.9399340	5.9774435	6.5879045	5.6486902	6.0342837
## 283	7.1846428	6.5916654	6.3859183	6.8621895	6.5268563	6.1605707
## 284	5.9488489	7.4124059	5.5342732	6.1994455	4.9517053	5.1251874
## 285	5.2153708	7.0477086	4.7001111	5.5158578	4.9868781	4.7313642
## 286	5.6682913	6.1035378	4.9853599	4.8871854	5.4195358	3.9806261
## 287	5.3508392	7.2591092	4.8422447	5.6123553	5.2368927	4.5212898
## 288	7.1003018	6.8246338	6.3241916	6.0649642	7.1839274	4.1978364
## 289	5.3432750	7.0552870	4.9897093	5.0253836	6.0127265	4.8393575
## 290	5.0938936	8.4028209	4.8652904	5.6443389	5.7031747	6.2493910
## 291	6.1675079	6.4809036	5.7554476	5.6872654	6.5319985	4.3097096
## 292	5.4752695	6.9246437	5.0845546	5.8812383	5.5024194	5.0152302
## 293	6.4462143	7.6236067	5.9451029	5.9099680	5.4126873	4.3173552
## 294	5.9183844	6.5098513	5.4823825	5.5126016	5.0691369	5.2735939
## 295	5.9422496	7.9010908	5.7011512	5.7741045	5.0822576	5.5944968
## 296	5.4717151	6.9461124	4.9682697	5.6970995	6.0469132	5.2441735
## 297	8.5224424	9.1380735	7.9228466	7.6669297	8.4004095	5.9183343
## 298	6.7772293	7.6218350	6.4275304	7.0384714	5.9747064	6.0454376
## 299	6.5964817	7.4991857	5.9564835	6.4742186	5.4886922	4.7503150
##	25	26	27	28	29	30
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29 5.9748280 5.9592190 6.4031105 6.2768338
30 3.8655815 2.9358027 5.0278401 2.9274546 6.1211181
31 2.7175816 4.1282191 3.8399728 3.1193641 6.1630687 3.4198820
32 4.2373540 4.7325417 4.7017040 4.3324713 4.6452097 4.0056839
33 3.4054654 6.3835992 5.0326692 4.4796763 6.2974905 5.2128402
34 4.3556283 5.3999637 5.4118150 5.1614742 6.0727780 5.2692960
35 3.3588854 3.6484800 4.4525794 2.6074853 6.1169043 4.1456510
36 3.4534116 3.7256434 5.3734309 3.8665908 3.8603366 3.3847530
37 4.2830650 4.1108650 3.8288863 4.0820231 5.8694468 3.5013721
38 3.8155264 4.7832949 3.2783475 4.3779471 7.0222407 5.5807313
39 4.5097429 4.9323401 6.3722116 4.8668898 5.8908267 4.8206024
40 3.4020674 4.0635944 5.2584306 4.3765789 5.1427928 4.7706261
41 3.7342001 4.2672456 4.7397405 3.0496352 5.7126193 3.3883772
42 3.3279540 4.3962510 5.3108366 3.2583833 6.5097629 4.1288713
43 3.6114999 2.7413179 4.6947284 1.3109032 6.3183831 3.1326219
44 3.6001477 4.6267356 4.7376032 3.1787002 6.4422382 4.1676586
45 4.5560622 4.5309421 4.5902498 4.7611624 6.0301376 5.3196046
46 4.3014057 3.6681133 6.2171928 2.8718916 5.5070276 3.1892494
47 3.8820313 5.8651785 5.4177242 4.2186690 6.0478916 4.7620238
48 4.1179776 4.5179631 5.7460421 2.2119552 7.2682640 4.1634671
49 4.6144271 5.6311965 4.6355485 5.4539029 3.5077332 5.3037043
50 4.4052312 5.4099094 4.4377368 5.1495152 5.8639161 5.3730075
51 3.9473360 4.7146908 3.3936282 4.1986861 5.3839901 4.5823579
52 4.0710828 6.1723557 4.5537793 5.0998596 6.1646217 5.9756890
53 7.4811345 7.4449336 8.6984161 8.0785858 6.5203559 8.6960495
54 2.9824480 5.4182003 3.5538316 3.7421151 6.3695848 4.8925831
55 3.9481236 4.4735573 5.0383041 3.9515453 5.1552400 3.6964653
56 4.9213307 5.7039099 4.4464080 5.2769349 5.8263511 4.6730654
57 5.3422238 4.0850357 5.0414276 4.5142327 4.5464564 4.2502861
58 5.5665620 4.4573778 5.2107297 4.4179125 6.0126391 4.4175997
59 4.4471696 5.0088916 5.7674452 3.5289393 6.3502851 4.4589089
60 3.2352107 3.4900588 4.9611219 2.1971810 6.4247039 2.6839286

## 61	8.2820284	9.3681449	9.8590589	8.6479694	10.2879934	9.3375522
## 62	3.2299223	5.7761162	4.7721271	4.3569610	5.0870805	5.1802045
## 63	5.2202425	4.0514080	5.8369675	4.0165882	6.0432496	4.1260289
## 64	5.2942894	4.9458675	6.1132873	4.8901120	6.2597503	5.5946610
## 65	6.1948116	6.6107031	6.5685115	5.9761266	6.9995945	6.8811163
## 66	5.1035355	5.0393174	6.2747743	4.8250488	4.6596417	3.6251155
## 67	4.3455025	5.5989019	5.7797581	5.4906492	5.8181757	5.2019184
## 68	4.9755683	3.6503489	4.4481812	4.0727058	5.6857036	3.6326410
## 69	3.6080967	4.1073401	3.9820084	4.7503502	5.9044572	4.4555734
## 70	3.9933354	4.9514437	5.9799529	4.1610982	6.0945708	4.1386928
## 71	5.9606982	5.1988855	6.8149287	4.6218172	6.7745309	5.3070450
## 72	4.9676289	3.3067205	6.0943535	3.8202463	6.4663063	3.5599323
## 73	7.0306579	6.9811154	7.4896131	6.8882907	8.5315404	6.3875252
## 74	4.9073277	3.2323831	5.8214679	3.4088763	6.2002936	3.3782142
## 75	4.3786013	3.8607241	5.1982521	3.7121789	5.7936531	2.7038927
## 76	5.2296186	4.0830948	5.0378201	4.4207752	5.7567433	3.9260259
## 77	4.8653069	5.1882135	4.7612369	4.0251750	7.4049424	5.4873701
## 78	4.9699404	4.6799564	6.4936369	4.5478652	6.1083971	4.9980545
## 79	4.5319978	5.0751675	4.9347819	3.3605255	6.8961537	3.9143053
## 80	4.0792142	5.6730558	4.7453180	4.5579640	6.7528554	5.8467425
## 81	3.8697704	4.9293206	4.4167167	4.7673172	5.6935005	4.6588590
## 82	5.1595366	3.9907359	5.4268086	3.7462242	6.0985153	3.9385790
## 83	3.4729201	5.0493525	4.8118998	4.9352856	4.5510481	4.3152369
## 84	4.6687051	5.4317589	3.7281929	4.5294357	5.3459946	5.0513769
## 85	3.1569619	5.0886138	4.1247858	4.3125148	6.3972660	5.2040246
## 86	5.5048745	5.4599424	6.0978632	4.8505246	6.5818232	5.5957415
## 87	4.3228362	5.0796756	5.0118849	4.1706375	5.8947900	4.9782016
## 88	4.8944841	5.2553490	4.9220166	4.0690316	6.7010260	5.5752475
## 89	4.4494601	5.1608714	6.0238547	3.9519740	6.7288431	5.2709797
## 90	5.1642837	5.2773487	4.8106860	5.1238836	6.0405606	5.8468416
## 91	4.6600658	3.4115094	5.6309409	3.1297577	6.6094202	2.9837383
## 92	4.2397286	4.7663309	5.8174138	3.9888978	6.1713610	4.0564039
## 93	5.3479311	6.0351292	6.0883247	5.4764567	6.3846564	6.1524272
## 94	4.4512905	4.6829536	4.5292102	4.6865360	4.2264684	4.1911224
## 95	3.5744555	5.1743924	5.0710003	4.2195519	7.2651777	5.4792024
## 96	5.4545480	5.5573144	4.7511987	4.7198961	6.1194320	6.0789626
## 97	3.8832654	5.3099570	4.8881370	4.1727185	5.9306371	4.6454096
## 98	5.0346483	5.6166511	4.1735996	5.3259830	5.9942805	5.5539988
## 99	3.5185275	5.7085820	4.6041015	4.6802522	6.5053692	5.3740438
## 100	4.2688133	4.7203056	4.6044995	4.9351923	6.0678680	4.9786739
## 101	5.1251322	4.9181409	4.8523826	5.1677697	5.6711527	5.0373614
## 102	4.0232284	4.8363122	4.1790442	3.7907058	6.1634772	4.7082960
## 103	5.4892357	3.4279480	5.3438467	4.8054823	6.7064834	4.2306892
## 104	7.4662629	7.0296858	8.4306801	7.0393519	8.2575204	7.2139897
## 105	4.3025977	5.3569624	4.7307188	4.7512793	6.0426371	6.0829658
## 106	5.2701450	6.6128215	5.3939758	5.2037707	7.4365974	6.2397987
## 107	4.8276347	4.8273804	5.5303572	4.5118952	5.5532157	4.7785425
## 108	5.3083708	5.4042466	6.2732557	5.2273697	6.1548558	5.4007383
## 109	5.0020440	4.6256471	5.7563485	3.9525296	6.1573530	3.7819743
## 110	8.0467353	8.1197912	9.4991699	7.0771231	9.6048584	8.0268781

## 111	5.1263186	4.3480079	4.9820566	3.6371991	6.3523712	3.5276307
## 112	5.1558166	4.3788575	5.8970602	4.0521311	5.8673957	3.9017924
## 113	4.3563880	4.6892720	6.2499468	4.4874652	5.7345349	4.3115073
## 114	4.6490643	5.3974358	3.8753819	4.9282494	5.7460374	5.3769903
## 115	4.4952638	6.4840810	5.6691201	4.5349822	6.3697110	5.1455206
## 116	4.8605650	5.2940513	4.4287541	5.4848657	5.7117580	5.4744636
## 117	4.3753250	5.9385766	4.6769627	4.5844361	6.9017864	5.8440426
## 118	5.8396229	6.5556037	5.2873637	6.2285084	6.2098874	6.6614949
## 119	4.4582598	5.4681480	4.3495978	4.6679181	6.8216428	5.8792552
## 120	3.2624416	4.5679200	3.4712394	4.5938991	5.5729910	3.9595118
## 121	5.5705372	5.4144713	5.1961976	4.1107534	5.9956209	5.3639690
## 122	3.5677616	5.3169506	3.9757457	4.5252551	6.3562783	5.1012178
## 123	3.8954513	4.4630691	5.1962108	4.6013700	6.6477389	4.6632157
## 124	4.9141904	5.6065460	4.2472814	5.6473896	6.6034597	6.3137274
## 125	4.4188237	4.6104371	5.4994786	4.5851127	3.1259517	4.4688995
## 126	5.3430394	6.2164422	5.5174853	5.7062696	5.6750629	6.0682586
## 127	3.6779419	6.9110027	6.4539879	5.2476492	6.4326815	5.4015910
## 128	4.9310909	5.6196846	5.2787071	5.0899900	6.6038227	5.6200591
## 129	4.6484416	4.8207285	5.3258279	3.4987315	6.7094869	4.3276037
## 130	5.5550450	4.7271342	6.2592493	5.4788626	4.7076423	5.8040565
## 131	6.0250488	5.8330509	5.7785099	4.5970085	6.8954701	6.0066776
## 132	6.2876624	6.6866576	7.4512998	6.5794886	3.5742765	6.5695559
## 133	4.1683418	6.0061738	5.2626885	4.8416678	6.4544420	5.9248406
## 134	5.7421628	4.7255417	5.6965553	3.9860930	7.0403026	5.7234771
## 135	6.4187167	5.8399129	6.7601137	6.0656563	7.7756273	5.7054106
## 136	4.4899290	4.3801627	4.7058291	4.4038130	5.8107178	4.1680776
## 137	4.8730460	5.2262276	4.8505001	5.1326761	6.3928738	5.3468786
## 138	4.9274618	5.7999470	5.2166408	5.3350941	4.8985134	4.7382715
## 139	3.5569092	4.6558328	5.1433226	4.5498384	6.3772030	4.3119418
## 140	4.6637507	5.5763617	5.6087580	4.6847355	6.4745642	5.5045652
## 141	3.9060406	4.1780773	4.1767347	4.0032550	5.5795119	3.3920279
## 142	5.2869967	6.0875569	5.4734026	5.7802033	6.2839165	6.1541087
## 143	4.0082598	5.7792918	6.0979196	4.9789983	6.7250679	4.8891272
## 144	4.4496329	5.6532192	3.8153078	5.0350512	6.3356101	5.9486956
## 145	4.5447007	4.6049246	4.3472710	3.7250109	5.8425055	4.4910104
## 146	5.6213483	4.4768250	6.2715021	4.5125126	6.5966765	4.6901252
## 147	5.3732507	4.5948276	6.1126190	4.3541916	6.3326696	4.1654432
## 148	5.3215392	5.1282147	5.5679944	4.8377828	6.2427827	5.2189974
## 149	4.2902752	4.5447399	3.9233144	4.6045801	4.3948025	3.9057268
## 150	4.5116963	5.6149707	5.3336467	4.6166828	6.5414625	5.3494073
## 151	2.8028518	4.9901780	3.4776796	4.0058873	5.1790990	4.8210910
## 152	4.5263966	4.8895317	5.4224679	3.6559176	6.8289704	5.1914175
## 153	5.1802769	5.2394424	5.8638977	3.7817160	6.5059380	4.8590464
## 154	5.1548509	4.4674439	6.7669028	4.1460256	6.6576274	4.2986283
## 155	4.0650493	5.8733988	3.6188681	4.9566511	6.2885984	5.5600489
## 156	4.8179611	4.4588259	5.4672003	4.9438455	5.3975404	4.6717709
## 157	4.8243754	5.8384582	4.9766481	5.5264700	5.5348518	5.5824361
## 158	5.3956941	4.8154181	6.3312988	4.5105261	6.2727470	4.3413077
## 159	5.2055651	5.1928304	4.2478766	5.1050041	5.7133815	4.7763923
## 160	5.4502614	5.3658511	5.2307271	4.0275179	6.4706934	5.4058078

## 161	4.5476987	5.5848510	4.1874032	4.4153786	5.6147507	5.1077879
## 162	6.1248029	5.0525998	6.1190096	5.0691590	6.0494965	5.1792869
## 163	5.8547885	5.4277242	5.8044098	4.7360397	6.5723374	5.0631423
## 164	5.0851562	5.2899721	5.6828450	5.8606126	6.5190523	5.8637352
## 165	4.7909272	5.1577102	6.7037120	4.8176051	6.5535180	5.1369766
## 166	1.8494141	4.5088711	3.5580930	3.6316589	6.4653489	4.0754042
## 167	5.9565412	5.2356281	6.3815059	4.4565564	6.6045255	4.8289115
## 168	4.2247976	4.2560470	5.9400512	4.7289548	4.8963335	3.7835164
## 169	3.7562730	4.6632843	5.1485788	4.5760251	6.6112765	4.5945061
## 170	3.5758500	5.9684056	4.3336108	4.6863404	6.8761062	5.2451277
## 171	5.3836063	4.7029878	6.2792929	4.3511194	5.9200777	4.4227335
## 172	6.6461651	6.1014718	7.4314345	5.8944083	7.7112160	6.2659040
## 173	6.2033715	4.9503494	5.0827214	4.7061894	6.8779463	5.9749726
## 174	5.6752070	5.5742949	5.7492033	5.7443323	5.8745878	5.5069785
## 175	4.2865818	4.2880731	5.6135836	2.8392247	7.0078002	3.9533889
## 176	6.2341026	5.2753868	5.8271814	4.7321881	6.3960504	5.3682311
## 177	5.4379183	4.3520598	5.6909929	4.5750231	6.3485388	4.0476828
## 178	5.6451952	5.8022719	5.2690468	5.9247219	6.0333271	6.2023526
## 179	5.8473178	4.8190781	5.7535270	5.1151245	6.4869652	5.8109471
## 180	5.5873563	4.4835882	6.1106948	4.3523477	6.6468202	4.6648060
## 181	5.0756039	5.5063602	6.9051207	4.9273294	6.5671559	5.1258632
## 182	4.8229292	3.9561015	5.5762042	3.8990814	5.8878283	3.3837916
## 183	4.2033669	3.2957717	5.7514067	3.2019949	6.1977687	2.5132742
## 184	3.6005968	4.7423740	4.1785835	3.7674410	4.9248720	4.3315483
## 185	5.3413555	4.4565751	5.3185037	4.5113917	5.4697439	4.1447808
## 186	4.4832635	4.9829865	5.4598987	4.4622757	5.6036625	4.4702713
## 187	4.7028006	5.5708652	5.3384301	5.1617217	6.2459304	5.2655476
## 188	4.2363409	4.9825506	5.9816745	5.3231053	6.5965295	5.5339645
## 189	3.9924327	5.7129709	4.5657230	4.7664791	6.5588166	5.5037198
## 190	5.0508418	6.3920523	5.9003903	5.3486306	7.0381282	6.6099080
## 191	4.2794418	4.7529678	5.6258609	4.4787221	6.0820589	4.0718681
## 192	5.3693583	6.1418215	4.9358693	5.6309155	6.0137272	5.9848448
## 193	5.3471522	6.0111055	6.2700886	5.1495780	6.2579045	5.0657984
## 194	5.5682417	3.7735990	5.5826983	4.7009364	6.5186251	4.2983590
## 195	4.6594870	5.7101507	5.8777512	4.9452343	5.7255187	5.3695782
## 196	5.3897043	4.2364710	4.3066299	5.1249552	5.3527256	5.2585378
## 197	4.0747694	5.9561423	5.9601563	4.7766674	6.9885858	5.8484748
## 198	4.4897993	5.3214475	4.9896339	5.3412197	6.5901995	5.1263838
## 199	4.3412376	6.5498297	5.6542156	5.4440318	6.9217044	5.9439436
## 200	6.8660989	7.9880479	8.5849543	6.5821451	7.8693804	5.7533822
## 201	5.9539874	5.5997453	5.4515525	5.8472584	6.1545382	5.6545722
## 202	5.3312801	6.2887416	6.7571494	4.5213713	7.2835691	6.1696134
## 203	5.1119653	5.4314982	4.9708120	4.4587952	6.7423824	5.5932031
## 204	5.2178880	5.2577585	6.1912589	4.6479056	5.3508540	5.1696394
## 205	5.7666768	4.7787013	5.0169305	4.7366904	6.5327067	4.4720603
## 206	5.0544300	6.1273530	5.9189278	5.4596743	6.6678807	5.8601225
## 207	5.9027534	6.3004018	5.9439760	6.2261212	6.4809947	6.5987989
## 208	4.9830021	4.7171436	4.7712970	5.0020304	6.3929053	4.3603034
## 209	5.1034524	5.7298206	5.6887789	5.7847451	6.9609085	6.0107872
## 210	3.9962734	6.5278566	6.0768710	4.9526870	7.2710083	5.6367993

## 211	4.6974504	5.2336400	6.2005892	3.9713307	7.6014478	4.4880006
## 212	6.1919622	5.5145747	6.3846012	4.6234098	7.2265288	6.0145236
## 213	5.9776702	5.2988685	6.1686016	4.7466986	7.1988932	5.1359822
## 214	3.8909370	6.4007870	5.3878917	4.9766157	6.0674504	5.5448064
## 215	4.9115279	6.0441746	4.6975300	4.8293774	6.2745648	5.4580878
## 216	4.3363698	5.3771884	4.7548291	4.4582319	6.2351718	4.8581377
## 217	4.6194367	5.9862824	4.8119326	5.0829161	7.4132985	6.2350314
## 218	8.8040918	9.3936125	9.1316724	9.2506643	5.5806680	10.0876773
## 219	4.8624077	5.2359232	5.4784321	4.9291763	6.1132068	4.6181838
## 220	4.1057410	5.9092949	5.7369724	4.7802708	7.6073894	5.9104751
## 221	4.3210060	4.8083399	5.1272215	4.8184137	5.4006563	4.0175487
## 222	6.1803618	4.1653218	6.0579937	4.8444305	6.8295288	5.2238642
## 223	6.5046606	5.9182104	6.7950393	5.4435162	6.5364957	5.8885559
## 224	5.5898969	5.8231078	6.4825977	5.6953298	6.2837437	5.3204324
## 225	5.3441154	5.9372608	6.9536054	5.3183706	7.4011144	5.5261928
## 226	5.0212729	6.5670488	6.1555946	5.6197235	7.2032166	5.3846001
## 227	5.9254368	5.5467454	6.0460548	5.2979493	5.9103512	4.7246645
## 228	5.9098162	6.3828730	5.8390156	5.9677342	6.7664449	6.6300490
## 229	5.4887512	6.7747376	6.7046690	6.7332540	4.7072448	6.2542851
## 230	4.4084224	5.6679717	5.0417771	5.5267996	6.5089379	4.9737167
## 231	4.7577521	6.1334833	5.6498945	5.8849619	5.7846662	5.0418768
## 232	5.4239984	4.5819353	5.7459478	4.5303366	6.3668699	3.9500155
## 233	6.1282516	6.2486693	6.4019933	5.8822834	6.0394904	6.0989689
## 234	6.0653959	5.4894778	6.2067976	5.0698264	6.0952615	5.3114227
## 235	6.1614996	5.4622362	6.1447232	5.0067432	6.2480314	5.3447102
## 236	5.3905525	6.2075788	4.7225717	5.0032951	6.7736496	6.0001036
## 237	5.6972771	5.1969476	5.2592867	5.1695550	7.3002807	6.3069644
## 238	4.9958757	5.3038862	5.4968084	5.1936276	5.9816862	4.4702357
## 239	4.5944174	5.5331865	5.1121572	5.3358428	6.5088688	5.2541267
## 240	6.1140632	5.2664597	5.9787523	4.9488031	6.0773396	5.1854643
## 241	4.5023398	6.4524266	5.9332921	5.1885593	7.9753933	6.2410360
## 242	5.0018710	4.1735030	6.3097043	4.1018673	6.6505710	3.7038325
## 243	6.1419437	5.5708780	7.0682907	5.0977843	6.5756695	5.3109083
## 244	4.8347054	5.9569955	3.9594841	5.5486195	6.8927085	6.2249856
## 245	4.7841361	5.1616804	6.4387386	4.7104427	5.9310764	4.7112466
## 246	5.1144407	5.1338046	5.7027226	4.9367805	5.9016612	4.9609048
## 247	5.0677103	5.4177717	6.0859403	5.2447626	6.2801922	5.2067678
## 248	5.0097873	5.2621644	5.8592552	5.2845095	5.2657280	4.8591439
## 249	6.4002072	5.4512200	7.1944288	5.3118903	6.9908571	5.8093070
## 250	4.5441576	5.9880089	6.2431264	5.3137544	6.6563694	5.1307289
## 251	5.3051379	7.1247985	6.3742637	6.0497686	8.0446087	6.9860743
## 252	4.8303849	5.1181572	6.0268716	5.4208604	7.1831937	5.6135156
## 253	5.1003784	6.2498439	5.9577660	4.7508681	6.5489003	5.7517402
## 254	3.4584175	5.7820584	5.0436015	4.6081950	7.0135768	5.0154311
## 255	5.9177196	6.3172838	5.5650641	5.2521593	6.5385284	6.5651756
## 256	5.6673386	5.4528049	6.3510864	4.5523388	7.2510608	5.6946713
## 257	4.7028404	5.4037794	5.2285748	5.4249381	6.2247984	5.4868925
## 258	4.5511525	5.2176866	5.8520380	4.2505556	6.9193784	5.2732045
## 259	5.6971880	6.0183654	6.6620277	5.6853609	6.4852594	5.5403665
## 260	6.0987419	5.4944496	6.6416395	4.7637112	6.9465816	5.1342370

## 261	5.5143576	5.2844568	5.9958816	5.2417282	6.2009721	5.3016753
## 262	5.2560110	6.4052961	5.1348761	5.9073448	6.5344326	5.8052523
## 263	4.8137696	5.5629673	5.7040259	5.1586782	5.7033343	4.3179908
## 264	5.5125816	5.6213667	5.3670588	5.7001757	6.9497963	6.0101838
## 265	5.2026901	4.5187019	6.1802748	5.0310739	6.5397061	4.9840884
## 266	6.4980894	5.7876605	6.5772928	5.4671368	6.7951175	5.8240906
## 267	5.4084887	5.1378555	6.5237758	4.8929924	6.0052991	4.4706169
## 268	5.6879897	5.1256465	6.1081261	5.5281886	5.8472381	5.5068803
## 269	5.1657851	5.8896313	6.6680353	5.6372813	7.2858606	6.0230968
## 270	5.5939978	6.1265707	7.2957297	5.4786045	6.7450905	5.4814214
## 271	5.4119895	6.1958890	7.2898901	4.5878054	7.0906023	5.3004194
## 272	4.7785829	5.8661199	6.3209924	5.4319797	6.9697686	5.4339530
## 273	4.7900819	5.8415170	5.2968698	5.5984419	6.4647827	5.2650367
## 274	6.1574699	5.8308496	6.7558789	5.7794189	6.6875186	6.0628790
## 275	5.8556594	4.8359933	6.3058711	5.0315190	6.6121646	4.6516219
## 276	5.2680766	7.1040391	6.3327659	5.7310232	7.6299340	6.8518550
## 277	5.0783194	5.5603804	5.3488409	5.7450798	7.0339720	5.8244008
## 278	5.5218393	4.6185444	6.1327113	5.4766841	6.8024616	5.0424567
## 279	5.2361178	6.2348688	6.1328742	5.9966281	6.9420074	5.9193019
## 280	4.9897637	6.2732297	6.6115421	5.5483680	7.3222501	5.8804682
## 281	5.3330260	5.4090678	6.4422477	5.4005082	7.2153418	5.2725740
## 282	6.0877739	4.8007640	6.3395819	5.4113241	5.7571766	4.9247773
## 283	6.6516851	6.6985186	7.9689322	6.1764328	5.4581553	5.9555469
## 284	5.8588418	5.0146077	6.3202797	4.9790676	6.8872329	4.9554445
## 285	6.2446141	5.9679591	6.1102376	5.8769295	6.3967759	6.2086411
## 286	5.5346884	5.8720998	6.3052868	5.2939084	6.3582489	5.4598133
## 287	5.4539195	5.2272287	6.0086170	5.3251648	6.0259875	5.4201818
## 288	6.1112846	7.5746475	7.7156978	6.2846405	8.1619326	6.9714329
## 289	4.7676931	5.1907346	5.8764065	5.4886781	7.2273451	5.5501319
## 290	5.9874891	6.2001001	4.8921533	6.5323200	7.6478584	6.5344274
## 291	5.7050226	5.9758851	6.7994957	5.8360738	7.4781942	6.4179857
## 292	5.6266896	5.1841762	5.9976259	5.5558709	6.0950973	5.3726130
## 293	5.9483979	5.1513857	7.2157842	4.7366559	7.4411694	5.2084240
## 294	5.9397718	5.0187133	6.3004909	5.0254617	6.7880767	4.7118427
## 295	5.6099515	4.6931000	6.3969746	4.4221267	7.5150431	5.3431643
## 296	5.4611688	6.2035686	6.1833633	6.1195041	6.9867317	6.2825736
## 297	7.7852962	8.9471090	9.1419090	7.7984364	9.8486346	8.7793481
## 298	6.8516603	5.8995178	7.5392033	6.0904852	7.1378642	6.2484633
## 299	6.4523658	6.0394411	7.2418259	5.3276390	6.9264215	5.7975540
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36 3.4049877 3.0353087 4.9026498 4.7187635 3.7686911
37 3.2647990 3.7864391 4.9452048 4.9582488 3.8543394 3.8621437
38 4.2153859 5.5193004 4.9069737 4.7059675 3.7720471 5.3525934
39 4.7952093 4.9107174 5.4939274 4.1170106 4.7353419 3.5099401
40 4.6973182 4.3038391 4.7983261 3.7054842 3.9994793 3.1186465
41 3.8801732 4.2181944 4.9472389 5.5796827 4.3140627 4.1705212
42 5.0162733 6.0019829 3.8779014 4.4844882 3.7923737 4.6915222
43 3.3609405 4.8684747 4.9793494 5.2966574 2.2937619 4.0111410
44 3.1789510 4.5257638 4.5795152 4.5484701 2.6201854 4.0851151
45 5.3601593 5.5037139 4.6237454 3.7353998 3.7659594 4.7184283
46 4.7878596 4.4576865 4.5668065 4.3773568 3.9268928 3.2153347
47 4.5501820 4.7462790 3.8840471 5.1705307 4.1928413 4.4151292
48 4.3228277 5.1247271 4.5857612 5.0977263 3.6926816 4.8454527
49 4.4390745 4.5105558 5.6568282 6.1868191 5.4756216 4.0785074
50 5.6214289 4.7730500 4.1283536 3.1923527 4.9724259 4.9574663
51 4.0795837 4.8187202 4.3828857 4.6983711 3.6361945 4.5107154
52 5.5662766 5.4601982 3.6358416 3.9183445 5.0735459 5.4577050
53 7.9811797 7.4847840 8.8001850 8.0504406 7.7310804 6.3270001
54 3.9128715 4.7616178 2.5429321 3.9730856 3.6439602 4.7072805
55 5.1047523 4.8714906 3.5158174 3.6572764 4.8746298 3.9565588
56 4.1771995 2.9301891 5.5942913 5.7066751 5.8239368 4.6057485
57 5.2826883 4.4183529 5.8104011 4.3490985 5.1574498 4.3705927
58 5.6981270 5.2608496 5.4330110 3.9862529 4.8362159 5.1813432
59 5.1475289 5.2615026 4.7377925 5.2490133 4.4893464 4.9070393
60 3.3171891 4.8661618 4.6928724 5.1710872 3.5961393 3.9503195
61 8.7067921 9.5805653 8.6741431 8.9011978 8.5584339 8.5453393

## 62	4.8312104	4.5303761	3.4152081	4.7356974	4.0999037	4.1977657
## 63	5.5352559	4.8437189	5.7520035	4.2337837	4.5391809	4.6636990
## 64	5.8396975	5.0018108	5.7168205	4.5929804	4.3206995	4.7915264
## 65	6.9320581	5.9069130	6.0477884	5.1744759	5.3104591	6.1134911
## 66	5.4588930	4.5863140	5.6257842	5.9772143	5.6921278	3.9262385
## 67	6.0654275	6.1717967	3.5292287	2.8102834	5.1486392	4.6386799
## 68	4.9713477	4.5517745	5.4228605	4.6644291	4.7857254	4.6754201
## 69	4.7181099	4.3186198	5.1976024	4.1398239	4.2762886	4.2251725
## 70	4.2168860	3.7073141	4.6755103	4.4528995	4.5810372	3.3926239
## 71	6.4881686	5.5783825	5.9016403	4.4206276	5.1293066	5.5035897
## 72	5.2196861	5.6837630	5.7544673	4.2006701	4.0660885	4.3650555
## 73	6.6891728	6.8730323	8.0987023	8.2377950	7.5479061	6.8320274
## 74	4.8015390	5.0248910	5.7218843	4.5027516	3.8142779	4.1145981
## 75	4.5272998	3.9583386	5.3171453	5.1392877	4.7621897	3.9592995
## 76	5.5758763	5.2778146	5.2717348	4.5452759	4.9187691	4.9184940
## 77	5.3762996	5.4266496	5.6925034	5.2036685	4.5408115	6.0434961
## 78	5.5668816	5.4926960	5.1502315	3.2542642	3.7448315	4.1556712
## 79	4.2654774	5.4012714	4.3704532	4.6285910	4.5325725	5.1972005
## 80	5.2550488	5.2611920	4.6249041	3.8764059	4.0335504	5.3880442
## 81	4.7425584	3.7355337	4.9323786	3.5366832	4.5925943	4.1855449
## 82	5.0051237	4.2050724	5.8920092	4.7716900	4.3987764	4.5660839
## 83	4.8963796	4.8222350	3.2758277	3.2326392	4.8196830	3.4072275
## 84	4.1233087	4.3531761	5.0189100	5.0440151	4.2022332	4.8141724
## 85	4.7060617	5.7685686	3.2268773	3.2574623	3.8728791	4.8621597
## 86	5.7469413	4.6698278	5.6416182	4.1699506	4.4604731	5.0715367
## 87	4.6957221	4.9766032	4.9148535	4.4149633	3.4488343	4.6142669
## 88	4.6666101	5.4873382	4.7877267	4.1884894	3.3479737	5.2467570
## 89	5.0540840	5.8848342	4.5759595	3.8671700	3.0305967	4.7769245
## 90	5.5351518	5.9971562	5.4500255	4.1443699	4.3471986	5.4970086
## 91	4.4617021	4.6812742	5.4605806	4.3049330	3.9439087	4.1983845
## 92	4.3418475	4.3070042	4.5862599	3.6172777	3.7652270	3.5732414
## 93	6.4298742	5.4582596	5.2092832	3.9877131	4.8657405	5.3599231
## 94	4.7929481	4.0289062	4.3561443	3.9969052	4.4085607	3.6334884
## 95	4.8717796	5.7991421	4.4523266	3.3093040	3.6217182	5.1524185
## 96	5.4266100	5.5008557	5.3103174	4.6289944	3.7986315	5.6097265
## 97	4.1750515	5.3123774	3.7156805	3.4367453	4.0231346	4.3637260
## 98	5.5286944	4.7004514	4.9633361	3.7850173	4.9186498	5.2945054
## 99	4.9277552	5.8144140	3.2770656	2.4203657	4.5209881	5.0613117
## 100	5.2540399	5.4722371	4.3959772	1.8326616	4.3346794	4.6354529
## 101	5.2986621	4.7870391	5.3886958	3.3606420	4.8476408	4.7529743
## 102	3.6089830	3.9897832	5.2390043	4.8875497	3.3840278	4.4914309
## 103	5.2831709	5.3843620	7.0944756	5.3934739	5.0894806	5.1600570
## 104	7.9473279	7.8654768	7.8544605	6.7861401	7.2601189	7.0385356
## 105	5.2494360	5.0734812	5.3770724	4.3712985	4.1018619	5.1273873
## 106	5.9899155	5.6062781	5.2915811	5.7022696	6.4193204	6.5072750
## 107	5.0512036	4.1300308	5.2730551	3.9348460	4.0118322	4.0581443
## 108	5.8494025	6.0700755	4.7912604	3.0210180	4.6647047	4.7097691
## 109	5.0872457	4.2603214	5.4522338	4.6119739	4.8923551	4.5042739
## 110	8.4134808	7.6729768	7.8967828	6.7960456	8.0420960	7.8814823
## 111	4.3259995	3.1876158	6.0108846	6.2634810	4.6886213	4.6411653

## 112	5.4708984	4.7085098	5.5067995	4.3730993	4.6942421	4.5285297
## 113	4.9811269	4.9820219	4.7795059	3.1458747	4.1573107	3.4816977
## 114	5.1793762	4.0348707	4.5564968	4.3418030	4.6629184	4.9367809
## 115	4.6519135	5.2831629	3.3185292	4.3185571	4.7728178	4.8667156
## 116	5.8603331	5.4240586	4.8044953	2.8359060	4.8362798	5.1327150
## 117	5.1996215	5.9013159	3.7551619	3.5709531	4.0283278	5.5743617
## 118	5.9396438	4.4148492	6.3453005	5.2930224	6.4100507	5.7745737
## 119	5.1406022	6.0522754	4.4921574	3.7957673	3.8023571	5.5770342
## 120	3.7503253	2.8756045	5.0435429	4.9609009	4.5882948	3.7437510
## 121	5.4930680	5.4597414	5.2701656	5.2018010	4.5743972	5.5912956
## 122	4.6391675	5.8126237	3.6179673	3.1087290	3.9573722	4.9994170
## 123	5.0575641	5.3291696	4.7823160	2.6308149	3.9337112	4.4102934
## 124	5.9554641	6.5544293	5.3966235	3.9866172	4.7746166	6.0440173
## 125	4.5773645	2.9148642	5.3317030	5.1844990	4.3713022	2.3708151
## 126	6.4919048	5.5954668	4.3706284	3.0036240	5.2308454	5.3731770
## 127	5.4848901	5.9116446	3.0903286	5.1078420	5.5265367	4.7913219
## 128	5.7211998	5.5713373	4.3655110	2.8310488	4.6043994	5.2160114
## 129	4.8884978	5.1843473	5.2272896	4.8830994	4.3274870	5.1926470
## 130	5.8927110	5.6930669	5.9564373	3.6353010	4.8425627	4.2078314
## 131	6.1081547	6.2369590	5.6093698	5.3203561	4.8804639	6.2208257
## 132	6.3541469	5.4472265	6.4635823	5.8169103	6.6541013	4.2427303
## 133	5.5942077	5.5816840	4.3368468	3.8615785	4.3381430	5.2878082
## 134	5.5940753	5.6066531	6.5849761	5.7133740	4.1914863	5.8892481
## 135	6.1272043	6.2288159	7.6444890	6.7861593	6.6123167	6.1135345
## 136	4.1883724	3.4901079	5.6341851	4.3672693	4.1003443	3.9633562
## 137	5.5026379	5.6281902	4.7436099	3.3073700	4.4279913	5.0956908
## 138	5.0254453	4.0356955	4.7966097	4.0338747	5.5397953	4.2119081
## 139	4.7795711	5.0207685	4.4024700	2.6906920	4.1230235	4.0557841
## 140	5.1950944	5.6067681	5.1509302	4.5835073	4.0859054	5.0435918
## 141	3.3945665	2.6115553	5.1896841	5.1397340	3.8910895	3.4084845
## 142	6.5146707	5.7499340	4.6626548	2.4453830	5.4246923	5.6250984
## 143	5.4819347	5.3704312	3.8956675	2.6917590	4.9359667	4.5068081
## 144	5.4485486	5.7295891	4.5148394	3.4983648	4.3884767	5.6806828
## 145	4.5333468	4.8216911	5.0540312	5.2704966	4.7205510	4.9686561
## 146	6.0689933	5.5348806	6.0385648	4.3682534	4.8974583	5.2199462
## 147	5.7937718	5.2444430	5.6464648	4.4108177	4.8796022	4.9330399
## 148	5.1345379	4.4325222	5.9392486	4.9211292	4.2595277	4.6793755
## 149	4.1138587	3.3611444	4.7089766	4.5424871	4.4896065	3.5132703
## 150	4.7252093	5.2362407	5.2470252	4.9574393	4.2030867	4.9326592
## 151	3.7697840	3.6844856	4.3483243	5.0869896	3.7230725	3.9927686
## 152	4.3663265	5.2675707	5.1640408	4.6952249	2.6510651	4.7919042
## 153	5.5088033	5.5762475	5.2458932	5.1734947	4.2643978	5.3774196
## 154	5.5879464	5.7335085	5.5275250	4.2146452	4.7335333	4.5088765
## 155	5.0887774	5.4231685	3.9666218	3.5314839	4.6085632	5.4795063
## 156	5.1303653	5.4039811	5.0629986	2.8806312	4.4163934	4.0490003
## 157	6.0114165	5.1730571	4.2586468	2.4488926	5.2398893	5.0360692
## 158	5.9082301	5.2613085	5.6389802	4.3678410	5.1441622	4.9126724
## 159	4.5424892	3.9527718	5.6791040	4.8258960	4.9203105	4.7078794
## 160	5.5493981	5.4495242	5.1739708	4.6302392	4.7295896	5.7649629
## 161	4.5236229	4.6761242	4.3595941	4.2402288	4.1291193	4.8951483

## 162	6.5959151	6.1101191	5.6627589	4.0887355	5.2561709	5.6006527
## 163	5.9045087	4.9850770	5.5576496	4.3556970	5.6283800	5.5687679
## 164	6.2650243	6.8498973	5.1851788	4.1988203	4.9446177	5.2753913
## 165	5.4319806	5.5570601	5.1201394	4.5332124	4.4567024	4.1703763
## 166	2.8994357	4.6705576	4.0984552	4.8643200	3.2480437	4.0096319
## 167	6.0375111	5.1892640	5.9024666	5.2580851	4.8883460	5.3712220
## 168	4.6665448	4.9571133	5.2046578	4.8953344	4.2492784	2.8577204
## 169	4.7836061	4.9896098	4.7292014	2.9575411	4.1522431	4.2535517
## 170	4.5586893	4.8463964	4.4201812	4.4376870	4.6506103	5.2125352
## 171	5.7734537	5.7177957	4.9126673	3.4642926	4.9708087	4.6654477
## 172	6.9050696	6.5864201	7.1172201	5.9883177	6.3001636	6.2456731
## 173	5.9051868	6.2213659	6.6492763	5.7557132	4.6670936	6.3592556
## 174	6.2079210	5.8456791	5.4196754	3.6048586	5.2424839	5.2545100
## 175	4.3546446	5.4366640	5.0800100	4.6484264	3.7961015	4.8056573
## 176	6.1594819	5.2143970	5.8876950	4.7557986	5.2314018	5.7208538
## 177	5.3396907	5.1527174	6.3159573	5.3782825	4.9621163	4.8896735
## 178	6.6171840	6.0958900	5.3003142	3.5417001	5.0920980	5.7222287
## 179	5.6973019	5.7211786	6.0422323	4.1172741	4.2470798	5.2120736
## 180	5.8240852	5.2584116	6.0638597	4.6138721	4.7833370	5.1567143
## 181	5.7993825	5.6991219	4.9028735	3.4485487	4.5760933	4.4863780
## 182	5.1572552	5.4258961	4.6232606	4.1986821	4.5933944	4.3211091
## 183	4.4031983	4.6826193	5.0965859	4.7277654	4.1925654	3.6442173
## 184	3.2407907	3.2848625	4.9914937	5.6860950	3.5853690	3.5868969
## 185	5.6664566	5.1377423	5.2139496	4.7241944	5.0811164	4.8136431
## 186	4.7317555	4.5127105	4.1449921	3.7658800	4.4779532	3.8636925
## 187	5.8080505	5.2011459	4.7517907	4.7593472	4.4954850	4.9418941
## 188	5.4528691	5.5738728	5.5391121	4.3749984	5.0456505	4.4465202
## 189	5.0827223	6.0419677	3.7081044	3.2551904	4.2536464	5.2648861
## 190	6.3547150	6.2758536	5.0297969	4.3255851	4.6854646	6.0029311
## 191	3.8517438	3.7950825	5.5209559	4.5250967	4.6485866	3.5009997
## 192	5.9617157	4.9101285	5.0226437	3.9949071	5.3610367	5.4725901
## 193	5.7095669	5.5999593	4.2139072	3.5118842	4.9613529	4.8306919
## 194	5.4745652	6.0184938	6.1956162	4.4052083	5.0012341	5.1151374
## 195	5.4165357	5.6859552	5.0017189	5.4950821	4.4056434	4.7323931
## 196	5.0226132	4.5281479	6.2435504	5.2118746	4.4313375	4.6911974
## 197	5.5603319	6.2333552	4.1952254	3.6754022	4.2638673	5.2025273
## 198	5.4783983	4.9983894	5.3456367	3.7662461	5.0140091	5.0290481
## 199	5.8199559	6.6110090	3.5294090	3.2069416	5.2995036	5.6296678
## 200	7.0015158	6.6991635	6.3456673	7.1941074	7.7040679	6.2974815
## 201	5.9480926	5.8539425	6.0405314	4.8864234	5.1289802	5.4342537
## 202	5.6101036	5.8972744	5.0433029	4.9355845	4.0999722	5.4740821
## 203	4.7400930	4.9306802	5.8935638	5.5716904	3.7380635	5.3802412
## 204	5.4995705	5.3230678	6.1366057	5.7022229	5.3616486	4.8493441
## 205	5.4521179	4.9877659	6.0308209	4.8787390	5.3950012	5.5200255
## 206	6.1413051	5.8772951	4.1646822	2.5238390	5.2238771	5.3359242
## 207	7.0899790	6.5010163	5.2697088	3.2985837	5.5673485	6.0741201
## 208	4.4328058	4.1550208	6.2885897	5.2432988	4.6785301	4.6353002
## 209	6.0082438	6.3112484	5.2182020	3.2992581	5.3379316	5.4397745
## 210	5.4359437	6.1690421	3.7294684	4.1263066	4.8132719	5.3105360
## 211	4.8282228	5.8084205	5.5472844	5.1624656	5.1335060	5.3743383

## 212	6.3096585	6.4489631	6.4800963	6.0214845	4.5536701	6.2509689
## 213	5.5726645	4.4663728	6.7597760	5.7710482	5.7068138	5.6166336
## 214	5.4360328	6.0137894	2.4229873	4.1507295	4.8582167	4.9955056
## 215	4.9646256	5.1359825	4.6038813	4.4855483	4.6726305	5.3953436
## 216	4.1447028	4.5959008	5.3788581	5.2388507	4.1846760	4.7184014
## 217	5.2490859	5.4343693	5.6270515	4.9876013	4.7154286	5.8833044
## 218	9.2594973	8.2712239	9.1971082	9.4111105	9.0221398	7.8225156
## 219	4.8329799	5.0689459	4.8045764	3.6398846	4.7807891	4.3648625
## 220	5.3676485	6.1488207	4.6296499	3.8215814	4.4477873	5.5360526
## 221	4.3307131	3.6152948	5.4758526	5.2762531	4.8403902	3.6384144
## 222	6.0827457	5.6572495	7.1178954	5.4912105	4.8751385	5.6306566
## 223	7.0002130	6.1526154	5.8209476	4.3664787	5.9388884	6.0166505
## 224	6.1431893	5.7612726	5.7414732	4.6841281	5.2150991	5.0471213
## 225	5.6649571	5.4739427	5.7080953	4.3247263	5.4584278	5.0843291
## 226	5.3786348	5.1827268	5.3102798	5.4029189	5.7067955	5.2134567
## 227	6.2163471	5.6722855	5.5738755	4.6925688	5.9162165	5.3978395
## 228	6.1741527	6.7482189	6.0056117	5.3598968	5.3122469	6.1082601
## 229	6.3658637	5.0471770	6.3739620	5.6939269	6.8904313	4.7219973
## 230	5.2869633	4.7285477	5.3534381	4.2338214	5.4917657	4.9327098
## 231	5.8142713	5.2806621	5.1146224	5.5828431	5.6515738	4.7990838
## 232	5.3462774	4.8592592	6.1659776	5.2628252	5.1552338	4.9332611
## 233	6.6913654	5.9723613	5.3080566	3.8861231	5.4268297	5.5738409
## 234	6.3382749	5.5226945	5.6657586	4.4081408	5.6763867	5.4939662
## 235	6.3678208	5.5846701	5.7020333	4.5103450	5.5143911	5.6223116
## 236	4.9624696	4.8953935	5.4974493	5.2369716	4.9566227	5.8204753
## 237	5.3445457	5.7543736	7.0474809	5.9170743	4.2927332	5.9950954
## 238	4.9689246	4.4718048	5.7508549	4.9390011	4.9882059	4.4528208
## 239	5.4579308	5.6386837	4.4875808	2.9208681	5.0270933	4.9832717
## 240	6.2790941	5.5235238	5.7409488	4.5313448	5.3996443	5.5349382
## 241	5.3082041	5.8043993	5.3102566	4.7589559	5.3728299	5.8842388
## 242	5.1078743	5.3326196	5.7745891	4.5669896	4.8457649	4.4394361
## 243	6.7036103	5.9281589	6.0108920	4.8991152	5.5225565	5.5321387
## 244	5.4682826	6.0021152	5.3770054	4.5728858	5.0323510	6.0462512
## 245	5.0988989	4.9334171	5.1111027	4.0157949	4.4445076	3.8238518
## 246	5.2333811	5.2105414	4.9401063	3.3828567	4.6158893	4.4571857
## 247	5.4779226	4.9625185	5.6577385	5.1801418	5.0123533	4.5804435
## 248	5.1967995	4.2965683	5.8514633	4.6813445	5.1636655	4.0743369
## 249	6.9408151	6.2876787	6.5385156	4.9761091	5.5820316	5.8729245
## 250	5.7050256	5.6065076	4.4947352	3.8031652	5.1038047	4.7403698
## 251	6.4800083	6.6723633	5.5986392	5.0737703	5.8817265	6.5342785
## 252	5.9382872	6.2225332	5.6129350	3.5075579	4.7235974	5.1948179
## 253	5.4218711	5.2937555	5.0120525	5.0664302	4.4152801	5.3125374
## 254	4.4567516	5.4923301	4.3444376	4.4153832	4.4763698	4.9419976
## 255	5.9902414	5.9227432	5.4729707	5.0407993	4.5807462	6.0277214
## 256	6.0561193	6.7692670	5.4485183	4.4856489	5.0503887	6.0008108
## 257	5.5688629	4.7845136	5.6235444	4.0723590	5.1227173	4.9040289
## 258	4.7672757	5.7256126	5.1946293	4.5571784	3.6259986	4.8898221
## 259	6.2807977	6.3515818	4.9343285	3.5432660	5.3422258	5.2162113
## 260	6.2593395	5.3935242	6.1005072	5.2449918	5.3180386	5.6305757
## 261	5.7441576	5.1238011	5.9489528	4.6264531	4.6477863	4.9074753

## 262	6.0894315	5.4718737	4.7847906	3.8148995	5.7484525	5.6719095
## 263	4.9784203	5.1587060	4.4606269	4.8060748	5.1329541	4.1805107
## 264	5.9952171	6.1208885	5.6251940	4.1308783	5.0387603	5.7021407
## 265	5.3166612	5.7099390	6.1222638	4.4827681	4.2174539	4.5108060
## 266	6.8349931	6.1260718	6.0869828	4.6150313	5.9568507	6.1077419
## 267	5.8406345	5.1823492	5.8795986	5.7032670	5.6585865	4.7108528
## 268	5.9064132	6.0858181	5.7331158	4.0229975	4.8020134	4.8506019
## 269	6.3969154	6.3669270	5.3430994	3.5846565	5.1449154	5.4241977
## 270	6.2020346	6.1237652	5.2686385	4.4431383	5.1287968	4.9160611
## 271	5.9965752	6.4955934	5.1713401	5.3939089	5.3953393	5.4810845
## 272	5.9354963	5.9845452	4.8908184	3.7735110	5.0317409	5.0337582
## 273	5.5919635	4.9717394	5.4298506	4.5257767	5.3725146	5.0956471
## 274	6.6315312	6.0765688	6.2618794	4.8196177	5.0324968	5.5939172
## 275	6.0547066	6.3902039	5.8086979	4.4623327	5.3852137	5.3555813
## 276	6.4796986	6.2718463	5.1199797	4.7758600	5.5785359	6.3588095
## 277	5.8009888	5.2977974	6.1625896	4.4755541	5.4287739	5.5153208
## 278	5.4092944	6.1004341	6.6870858	5.2875840	4.5830662	4.8911575
## 279	6.4203156	6.6226615	4.6754304	3.1005445	5.6327289	5.5902408
## 280	6.0369286	5.6599320	5.1343056	3.8801110	5.5685974	5.3226850
## 281	5.1943361	5.6995422	6.2850664	5.2130966	5.0663513	4.8617829
## 282	5.9663195	5.5057955	7.1311338	6.1513334	5.6877772	5.0536797
## 283	7.1724044	5.9682459	6.5846173	6.1578886	6.8641426	5.3704947
## 284	5.8679943	5.4447894	6.5997540	5.4689687	5.5007535	5.3932127
## 285	6.5500168	5.9179970	5.8908428	4.2392608	5.3361153	5.7786523
## 286	5.7617190	5.5700550	4.9444843	3.7357524	5.1142219	4.9626095
## 287	5.6158841	4.8469720	6.1959192	4.6936793	4.9279070	4.7475449
## 288	7.0450724	6.3888342	5.5143628	4.9957994	6.4147243	6.3502957
## 289	5.6498952	5.9583021	5.8367874	3.9929549	4.9965764	5.1420048
## 290	6.1630609	5.8207318	6.8365400	5.2146327	6.3748858	6.5594129
## 291	6.6950155	6.6945262	5.8813779	4.3397221	5.0451517	5.8103866
## 292	5.7828995	5.3734901	6.3995923	5.0226048	4.9094628	4.9286832
## 293	6.2427272	6.0970596	6.2164633	4.8075822	5.3282933	5.4965584
## 294	6.0200924	6.2876615	5.8461133	4.6728360	5.4495421	5.4808966
## 295	5.6884141	6.7385744	6.5421878	5.6623731	4.5237442	5.8205367
## 296	6.4294580	5.9397364	6.0227797	4.6480119	5.7297343	5.6721696
## 297	8.5022190	7.8972742	7.4421779	6.7219658	7.9741744	8.0785246
## 298	7.2376982	6.9390738	7.2597755	6.0482084	6.1669493	6.1718519
## 299	6.7024539	5.6195892	6.4777276	5.5544746	5.9926409	5.8269347
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43 4.2179319 4.2559046 4.8261942 4.4895410 3.2949154 3.0966784
44 3.9130893 4.6480460 4.2279399 4.8675452 4.5578736 4.5254637
45 3.8923379 3.2777898 5.2817280 3.5959511 6.1562158 4.7333616
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47 5.5362834 5.9932146 4.4724664 5.2816310 3.1020471 4.2777159
48 5.1930872 4.6890266 4.8519177 4.6070462 3.6119737 3.9492746
49 5.2447746 6.0550957 5.7578947 5.6481715 4.1440563 5.8683930
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51 4.2265819 4.4109868 5.0996268 5.1045217 3.3648534 4.4802893
52 5.8534506 4.4829128 5.6439365 4.3503848 4.3918918 4.6229438
53 8.4272350 7.4170653 6.4316122 5.8030575 8.5654940 8.2679264
54 3.6388939 2.8311311 5.5090832 4.1604307 5.0285114 4.3227866
55 4.2490225 4.9284469 5.0723063 3.8703715 4.5178945 3.5344629
56 3.7698030 5.3734497 5.5600714 5.4430618 4.7501529 6.8737179
57 4.6144833 5.6192908 4.6574974 4.9651257 4.0836138 5.2334271
58 4.6595171 5.4866915 4.6455013 5.4302921 4.3738244 4.9179058
59 6.0991670 5.9587659 4.9404301 5.1232767 2.0700438 3.5552008
60 4.7259121 5.0250471 4.7145938 4.6846808 2.1869184 3.1252074
61 9.6689460 8.6526291 6.3600115 8.6894495 8.4175595 8.7635696
62 5.5859126 5.4189711 5.2412312 4.1677712 3.9681302 3.5188698

## 63	5.3940457	5.9899345	4.2292857	4.7376989	3.7830373	4.4091643
## 64	5.7779709	5.3718860	4.5498704	3.8652855	4.8502367	5.2876431
## 65	6.2412016	6.0936163	5.8320874	5.2907075	7.0028343	6.1113111
## 66	5.7268855	7.5137400	5.5091020	5.6350312	3.3626468	4.6282359
## 67	5.4729664	5.5212830	5.0128302	4.0360308	5.3143036	3.9561887
## 68	4.2091447	4.9893929	5.2659845	4.8795040	3.4025053	4.8039617
## 69	4.8381368	4.4564606	4.8537749	3.1644468	4.1937765	4.3539225
## 70	4.6417167	5.3987372	4.0359874	3.5702774	4.4277548	5.2996098
## 71	6.2778903	6.4056980	4.6816119	5.0381063	4.7216079	4.9996499
## 72	5.0043712	5.8300613	3.8941914	4.8042000	4.4848501	3.8824530
## 73	7.1447029	7.7201806	5.6963899	7.8317184	6.2112045	7.6726311
## 74	4.3717573	5.5837222	4.2021922	4.7315722	4.7066321	4.2550222
## 75	4.8036843	6.0045568	4.5994735	4.8055190	2.2462562	4.2605896
## 76	4.8146988	5.6238937	5.4054525	5.1770989	3.5477211	4.4251407
## 77	5.7155882	4.6150313	5.8680105	5.1830057	4.9064042	4.6902555
## 78	5.2778455	5.6911051	3.5114245	3.9651913	5.3718051	4.5729326
## 79	4.1750862	5.1022615	5.1351038	5.9738115	4.1949356	4.6443803
## 80	5.7949440	4.4681700	4.7956212	4.2697148	4.7941439	4.3962894
## 81	4.7027543	4.9527924	4.2117981	3.6514616	4.6542995	4.8732894
## 82	4.7246105	5.6336252	4.2596430	4.9293280	4.0778406	4.9177948
## 83	4.2386751	5.0679793	4.8154224	3.5891648	4.9079388	4.1021241
## 84	3.9031893	4.9481082	5.3304886	5.7930339	4.6681787	5.6276732
## 85	4.8535753	3.1295863	5.1332070	3.7283556	4.6818547	3.6613620
## 86	5.4038026	5.6067467	4.3478303	4.5647058	5.3213799	5.7417829
## 87	5.3417671	5.5265892	4.4296466	5.0294640	3.8524253	4.2948600
## 88	4.1229499	3.7564557	5.0116953	5.1222305	5.7078999	5.4150116
## 89	5.5185666	5.2597991	4.1752061	4.6808264	4.9073163	4.0316320
## 90	5.5642632	5.0012538	5.0499827	5.3882008	4.6408540	5.0939332
## 91	4.1141339	5.3821680	4.1118319	4.6969112	4.4051009	4.3878282
## 92	4.1124419	5.3717727	2.7776784	4.2639836	4.9093291	4.8877787
## 93	5.9565859	5.7724538	4.8536232	4.4520422	6.0121557	5.1435254
## 94	3.9892574	5.3461136	4.6361342	4.4466283	3.8582059	4.8379762
## 95	5.5281548	3.9099489	4.4865426	3.7938192	5.1480511	3.9665401
## 96	4.8977705	4.5560303	5.4212094	5.5222504	5.4477135	5.5466006
## 97	4.4059409	4.8288679	3.9607601	5.0772306	4.3074565	4.5638778
## 98	4.1700030	4.5359509	5.3842799	4.8191144	5.9046044	5.7007625
## 99	5.1029604	4.0990009	4.6129108	4.3644987	4.9381653	4.1782117
## 100	4.1465975	3.9674640	4.4083479	3.7520730	5.7078430	4.6144028
## 101	4.6064650	5.0664670	4.1349142	4.7496126	4.6560559	5.6435235
## 102	4.5102032	4.6812440	4.2578366	4.9853845	3.8936965	5.0684124
## 103	5.4335569	5.8512894	4.6800446	5.4425002	4.1784522	5.3285354
## 104	8.1849354	7.9447862	4.5951083	7.2272094	6.4110085	6.8740794
## 105	5.8733571	4.3917890	5.0322820	3.9176668	5.0881233	4.7757320
## 106	6.3865687	5.0465883	6.6491982	5.5193080	4.8986140	5.9566099
## 107	4.8289799	5.5771475	3.3799155	4.3413459	4.5677504	5.1021783
## 108	5.0381906	5.4532533	3.0938079	4.9126525	5.6387649	5.1902263
## 109	5.0551712	6.1345635	3.8804051	5.1339925	3.6055951	4.8108934
## 110	8.5917657	7.9958804	6.7900591	6.8419192	7.6956172	8.1774891
## 111	3.8906319	5.6706383	5.8205798	5.4538368	4.3531659	5.6352604
## 112	5.3155630	6.3370155	4.3284806	5.0096672	3.6828252	4.3559753

## 113	5.0712382	5.9098288	2.8002421	3.9719800	4.6384416	4.4572905
## 114	3.8466389	3.8475870	5.7183476	4.1186955	5.5782782	5.5746482
## 115	4.6435691	5.6827396	4.5838885	5.8729803	5.0586986	5.3234711
## 116	4.8394981	4.8053523	4.8127671	4.5256163	5.4241901	4.9005595
## 117	4.6452189	3.8084757	5.4260814	4.9304179	6.0102196	4.7610844
## 118	5.3117159	5.0752943	6.0049352	5.0472691	6.6823748	7.3786260
## 119	4.5878569	3.3678558	5.5085345	4.8294087	6.0998969	4.7988230
## 120	3.9313391	4.6541716	4.9394329	3.8367183	4.2571176	5.0389443
## 121	5.1176191	5.3966485	5.4673116	6.0478437	4.6820468	5.0765677
## 122	4.4446309	3.9461380	5.0106462	4.7430883	5.1950142	4.0226423
## 123	4.7967742	4.5845543	3.9775052	3.3609928	5.3860674	4.1159354
## 124	5.9053762	4.4350671	5.5325513	5.2192709	5.3524594	4.8174095
## 125	4.8028537	6.0001859	4.2164013	3.7956177	4.0868656	5.1199863
## 126	5.4445743	5.5460366	5.0408218	4.7608511	5.8903847	5.1418065
## 127	6.4477861	6.8084461	5.6691383	5.2417350	4.8333242	4.0336061
## 128	4.3473753	4.2972874	4.9307379	4.3501461	6.4130345	5.2712492
## 129	5.6471111	5.7879595	4.7657594	5.5277770	2.8743153	4.0456490
## 130	5.3321603	5.3361090	4.0770524	4.0067927	5.9157135	5.6886058
## 131	5.7593773	5.4165819	5.3265257	6.3146673	5.1640998	5.3776366
## 132	6.1669619	7.2702256	4.9943069	5.5634627	6.7519773	7.1330179
## 133	6.1612789	5.2224778	4.6116315	4.5298397	4.7202951	4.0868957
## 134	5.9450881	5.1524821	5.5849820	5.4569305	4.9033941	5.2801013
## 135	6.5023571	6.8729762	4.2968777	6.8446387	5.4747748	6.8354223
## 136	4.1168090	5.2219330	3.6479353	4.5391065	4.2856604	5.4407848
## 137	3.9797413	4.3563172	5.1834549	4.6115189	6.4066145	5.1680616
## 138	4.5311615	6.0856151	4.0799329	5.3072968	4.4551109	5.8983222
## 139	4.6289119	4.8998443	3.7350235	3.5331052	5.1151964	4.0274703
## 140	5.9594296	5.7042412	3.8169413	5.3124261	4.0939541	4.6297344
## 141	3.4169223	5.0571209	4.3147638	4.4485741	3.6779165	5.2153546
## 142	5.7305937	5.1529367	4.8540325	4.4254472	5.6691421	5.2786926
## 143	5.4518564	5.7430407	3.7832275	4.0116700	5.2929219	4.3339315
## 144	5.2597677	3.9886639	5.3828447	4.8420764	5.0751896	4.6751193
## 145	4.9765212	4.6525753	5.2665020	5.2322037	2.7116210	4.7069522
## 146	5.9471984	6.2418532	4.5111117	5.0305992	4.1778616	4.6190938
## 147	5.6377010	6.5033880	4.4987473	5.2661053	3.8559240	4.3798620
## 148	4.7337212	5.4929701	3.8646068	5.0573010	5.3468360	5.8439456
## 149	3.2587706	5.0091702	4.6230220	4.6421384	3.8948714	5.3223819
## 150	5.6243800	5.5232354	3.5379388	5.4842313	4.0948069	5.0166583
## 151	4.7717778	4.3205255	5.3133571	3.8355997	3.9105544	4.1455597
## 152	4.6743077	4.5834514	4.6728061	4.8418703	5.3665117	4.8562026
## 153	5.8862232	6.2567896	5.2272466	5.8268779	3.8491804	4.0332661
## 154	5.6092521	6.0681400	2.9702887	4.8156721	4.6169380	4.3852101
## 155	5.0117052	4.3497655	5.1957528	5.0987631	4.6930940	4.6106355
## 156	4.3800726	5.1371025	3.7308319	4.3875288	5.1358419	5.0368386
## 157	5.1794591	5.2480378	4.7506617	4.3760763	5.2779057	4.9819520
## 158	5.8990358	6.6339725	4.3441077	5.1893378	3.7727013	4.4919320
## 159	3.3286861	5.0922123	4.6855674	5.5965477	5.2347733	6.3604305
## 160	5.4030049	5.0498598	5.3635413	5.6342784	4.2795333	5.0633847
## 161	4.3894143	4.9494136	4.8966270	5.5019892	4.2679852	5.1529364
## 162	5.6695359	6.2729517	5.1724776	5.6758562	4.8687626	4.8793606

## 163	5.1435686	5.6349142	4.8459529	5.4971879	4.7382531	5.8497151
## 164	5.4764672	4.8856270	4.9173441	4.6806971	6.2029428	4.7340855
## 165	5.6033617	5.6143790	3.0784643	4.1303910	5.0741494	4.9661661
## 166	4.1239709	3.7075509	4.9490900	4.0436914	4.3100017	3.6953568
## 167	5.4450083	6.5964846	5.2567387	5.7930456	5.0766847	5.1772729
## 168	4.8462962	6.3324246	4.5269672	4.3807751	4.4931678	4.3177328
## 169	4.6328101	4.5433818	3.6879505	3.4405240	5.3351871	4.4334683
## 170	5.4303084	5.0011959	4.7299127	5.0134552	4.3097794	4.6829763
## 171	4.9568760	5.7712212	4.1208189	4.9943345	4.8711873	4.6118186
## 172	7.0388965	6.8510022	4.0282910	6.2804068	5.6129721	6.3240959
## 173	5.4670315	4.9279655	6.2772355	6.2237747	5.4720945	5.7221851
## 174	5.4867504	6.1321720	4.7314743	5.4229847	5.0684327	5.4471076
## 175	5.1620820	5.2332076	4.4546982	5.1004288	3.7559113	3.8375150
## 176	4.9659641	5.6138042	5.4859187	5.6528156	5.4423574	5.8781822
## 177	5.1914265	6.3706039	4.4518737	5.7859588	4.2548529	4.9988889
## 178	5.4744127	5.3560035	5.5494336	4.9916882	6.1893503	5.2578435
## 179	4.3752558	4.4464911	4.9207556	4.7650878	6.5186888	6.1065583
## 180	5.6403137	5.9786363	4.2754042	5.0877229	4.3314980	4.8739326
## 181	5.7001911	6.2747800	3.4728097	4.5436654	5.3058372	4.8376173
## 182	4.2941101	5.4412739	4.9683289	4.8397418	4.1388544	4.0493747
## 183	4.5374347	5.5848977	4.3394926	4.2677770	3.4570518	3.7917365
## 184	4.4887719	5.1680271	5.1100816	4.6926138	3.2772018	4.7994764
## 185	4.9126966	5.8439471	5.4189826	5.2133999	3.7526606	4.6051525
## 186	3.9314279	4.8577138	4.4992571	4.0673775	4.8876804	5.2251408
## 187	5.3090173	5.7019733	5.4863285	4.6058878	5.3441967	4.4628603
## 188	5.8715293	4.7120074	4.0020055	2.9295319	5.4516922	5.0162681
## 189	4.8726443	4.2475898	5.1285664	4.8677729	5.4683554	4.2729577
## 190	6.7019212	5.5435809	5.4118428	4.9288172	5.5253101	4.6236978
## 191	4.1734965	5.4747476	3.4246367	4.4156463	4.9168897	5.7464505
## 192	4.7939719	5.0538971	5.5197112	4.9432191	6.1389103	5.9598674
## 193	4.5951618	6.1125891	4.5738660	5.4850152	5.7484938	5.4169856
## 194	4.6456054	5.3546223	4.9462206	5.3896992	5.1476751	5.1599610
## 195	6.2233012	6.4728073	5.2596673	5.4099533	3.8403329	4.2508412
## 196	4.0192619	4.3289872	5.4460663	4.6561066	5.2837260	6.0807776
## 197	6.1351476	5.2030033	4.5503977	4.4138744	5.3981210	3.9002095
## 198	5.4225679	5.4316666	4.6521696	4.3822023	4.9769008	4.9672773
## 199	5.9730736	5.3622184	4.9952956	5.2424393	5.4002573	4.4702941
## 200	7.0721989	9.2030754	6.4036930	7.9765367	6.5127388	6.9409937
## 201	4.9120416	5.9051940	4.7673742	6.0934732	5.7717748	6.0507399
## 202	5.8932073	5.6784606	4.9455337	5.3140668	5.9454969	5.4200120
## 203	5.0520569	5.2038764	5.4071141	5.6412856	5.1606435	5.6182238
## 204	6.5313978	6.7504317	5.1747590	5.5528615	3.5881667	4.8195249
## 205	4.4590090	5.5808917	5.4256618	5.8846583	4.7241126	5.7982521
## 206	5.1649130	5.0291992	4.8366001	4.4146292	6.2793990	5.2708554
## 207	6.1704251	5.7203912	5.5387096	5.0379850	6.2539633	5.3924304
## 208	4.2936031	5.7600098	4.7718461	5.4461152	4.8214567	5.9412711
## 209	5.3112207	4.5061722	3.9804340	4.6056609	6.3183570	5.5696112
## 210	6.0736957	5.8251256	4.6527703	5.1809297	5.3249590	4.1788709
## 211	5.9443502	5.9666763	4.8699588	5.6440773	3.9331538	4.7841405
## 212	6.4186901	6.2342535	5.9296424	6.2836063	5.3434296	5.0795163

## 213	5.5204998	6.0238985	5.3385469	5.5604905	5.1195570	6.4470289
## 214	5.4479136	5.3391039	5.7399874	4.9311932	5.1695069	3.9787780
## 215	4.8993008	5.2971683	5.1664933	5.8450976	4.5473848	5.4882309
## 216	5.0698396	5.6247602	4.6277916	5.5651065	3.9902975	5.1615866
## 217	5.8834089	4.4075055	5.1160969	4.9603878	5.3975104	5.5122164
## 218	9.5094569	9.1308407	9.3506183	7.9339348	9.3290382	9.2591046
## 219	3.9282367	5.2398999	3.7538784	5.0817106	5.3475195	5.6096907
## 220	6.0579016	4.6617948	4.6488542	4.3906323	5.4442267	4.5016994
## 221	4.7320436	5.9896889	4.5476791	4.6699424	3.6931842	5.3401010
## 222	5.7317985	5.9299946	5.4093910	5.4196521	5.2663204	5.5582290
## 223	6.2689412	6.5151508	5.3849147	5.7341919	5.2988421	5.6589595
## 224	6.0338064	7.0426980	4.5452006	5.6899499	5.0083756	5.2541108
## 225	5.8829624	6.0907737	3.9534756	4.8118460	5.5996938	6.0693432
## 226	5.0267219	6.3411135	5.4737989	5.7071107	6.5542202	6.1004714
## 227	5.5188013	6.8460593	5.3686478	6.1575994	4.5354406	5.2962905
## 228	6.2444726	5.7972921	4.7858628	6.4386976	5.5446258	5.9586610
## 229	6.8535486	7.5321909	5.5694628	5.2254440	5.8281982	6.3680407
## 230	5.4186165	5.8650910	4.7865316	4.7671041	4.8754938	5.2955028
## 231	5.7227315	6.9733089	6.0394405	5.5088426	5.1805677	4.9086698
## 232	5.2137691	6.5353292	5.0104214	5.7004617	4.1409265	5.0880005
## 233	5.8162041	6.4126277	5.0358485	5.5951230	5.6836851	5.7759357
## 234	5.6081105	6.1439974	4.8693934	5.5907246	4.8724464	5.5611464
## 235	5.4614692	6.0690297	5.0909671	5.7042552	5.0907103	5.5722288
## 236	4.8391743	4.8147141	5.6616031	5.9298963	5.3445151	6.4528772
## 237	5.8434235	4.9371350	5.7421535	5.5925650	5.6412228	6.1998333
## 238	4.9357065	6.4924441	4.5452442	5.5038958	4.5947043	5.5634577
## 239	4.4971971	4.6571680	4.5341901	4.5384259	5.9394765	5.1663100
## 240	5.3075101	6.0751425	5.2743277	5.6987630	5.0466887	5.4690448
## 241	6.2078336	4.9016267	5.3618591	4.7701643	5.8372845	5.7530545
## 242	5.1588291	6.1006779	4.0162283	4.9997166	4.4566285	4.6351779
## 243	6.5101667	7.1324362	5.0818435	5.6411139	4.8290805	4.9778656
## 244	5.4412434	4.1866159	5.4847631	5.5010008	5.4687527	5.4980327
## 245	5.0419092	6.0616515	3.4221635	4.4679174	5.2189367	5.0944865
## 246	4.2477754	5.2209584	4.2363756	4.7442846	5.5679074	5.5260027
## 247	5.7104198	6.0090185	4.0599586	4.8026848	4.4776626	5.4773984
## 248	5.4336030	6.4766239	4.1587244	4.8543916	4.4835084	5.5993949
## 249	6.8127200	6.8049477	4.9543141	5.4869833	5.1530463	5.3144050
## 250	5.4683094	6.1912211	4.6664193	4.7080938	5.8274623	4.7077931
## 251	7.2479636	5.8480580	4.8423711	5.6809124	5.6232722	5.6880468
## 252	5.7822135	5.1598774	4.4212902	4.0240582	6.0056061	4.7904449
## 253	5.8824338	6.1826831	5.0141040	5.6894130	4.7834545	5.1794383
## 254	5.2680776	5.1998471	5.0231618	4.9486886	5.0749886	4.3877716
## 255	5.5409773	5.2684406	5.6692987	5.9716924	5.8515727	5.9673817
## 256	6.0702560	5.4246329	5.3488200	5.6877285	5.1021674	4.8963080
## 257	5.5537951	5.3711944	4.6279733	4.1251003	5.2706722	5.3241996
## 258	5.4111718	5.2570224	4.5092669	4.9803458	5.0298997	4.7413978
## 259	5.4845942	6.3830269	4.7378164	5.5208056	5.8540358	5.4490693
## 260	5.8757900	6.6797480	5.3250783	5.7650706	5.0795114	5.4508689
## 261	5.4609344	6.2306465	4.6552651	5.1320996	5.1833711	5.4858370
## 262	5.1951984	5.5765983	5.2568356	5.3982650	5.7730366	5.7339909

## 263	4.1728986	6.1227159	5.2264220	5.4464175	5.1365791	5.3645087
## 264	4.6996877	4.6146586	5.6645044	5.0136051	6.8958999	5.8694096
## 265	5.1201884	5.7223254	4.0875650	4.7682260	5.6434323	5.2622897
## 266	6.1097223	6.3208033	5.4292782	5.8492836	5.3342407	5.8604695
## 267	6.1134099	6.9123335	4.9625629	5.3784096	3.6999400	4.9054906
## 268	4.9588252	5.7198033	4.7830255	5.1513059	6.0631335	5.5879544
## 269	6.2212275	5.7206523	4.5702547	4.2772584	6.2501674	5.0062516
## 270	6.0008299	6.9888243	4.3313050	5.4441241	5.8431108	5.2743215
## 271	6.6774711	7.1108875	5.1071289	6.1291940	4.7500759	4.4895583
## 272	5.6900910	5.9553666	4.5676237	4.6401029	5.9936437	4.7640436
## 273	5.4472684	6.0368588	5.1074589	5.0234898	5.3556621	5.3402795
## 274	6.2832922	6.7104673	5.1157915	5.5012238	5.7812580	5.6463882
## 275	5.2097975	6.2102063	5.1490257	5.8381204	5.3563542	5.0724932
## 276	7.0213383	5.9648420	5.5378789	5.3986399	5.6511896	5.4216524
## 277	5.8229414	5.2857075	4.9113622	4.5434283	5.5956427	5.7822811
## 278	5.1577684	6.1400511	4.8451660	5.5461284	5.9902631	5.6163208
## 279	5.6738162	5.6478226	4.7566541	5.1016450	6.2451522	5.1944770
## 280	6.0019247	5.7946044	4.7951582	4.3154966	6.1626672	5.5721687
## 281	5.2776828	5.8723496	3.3535994	5.4550599	5.8409449	6.0849500
## 282	5.9393978	7.0978475	5.4441215	6.0436193	5.0389397	5.6798085
## 283	7.3257046	8.5005576	5.7653265	6.3601156	5.4007337	5.9806309
## 284	5.8801557	6.3849835	4.4621133	5.7196389	4.6922248	5.6071089
## 285	5.6190386	5.9269035	5.2726859	5.5448972	5.9207988	6.1444164
## 286	4.8316958	5.7373246	4.5814046	5.1771537	5.9363378	5.8557704
## 287	5.6012415	6.0706843	4.3945970	4.8153990	5.0792431	5.7876126
## 288	6.8216402	6.6939991	5.6404763	5.4817391	7.2207057	6.5596617
## 289	5.6293488	5.0948554	4.3959286	4.1921363	6.0052866	5.2320791
## 290	5.5306924	4.8832004	6.2166056	5.6831167	6.5715020	7.1459293
## 291	6.2399584	5.7760374	5.2009380	4.7648560	6.8789158	5.3617800
## 292	5.6336751	6.4136060	4.7703157	5.3492768	5.2623055	5.6511603
## 293	6.1222482	6.3338050	4.8199010	5.1806538	5.5070507	5.3507477
## 294	5.0904455	6.2040773	5.3763029	5.9675388	5.5265059	5.3211666
## 295	6.1975123	5.8960728	5.6296350	5.8399044	5.2048663	4.7280874
## 296	6.4224473	6.0062969	4.5773997	5.0009177	5.8860345	5.7166092
## 297	8.4372943	7.4989521	6.7152836	6.8221126	8.7201617	8.4124972
## 298	7.1883364	7.3870268	5.0218679	6.3993001	5.7569914	5.8909090
## 299	6.5675404	7.0564166	5.4369351	5.7968555	5.4009613	5.9938808
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45 4.4918912 4.7642061
46 3.2349676 4.4588130 4.6576616
47 4.4489303 4.3640029 5.9118671 4.1607642
48 2.9748106 4.2502799 5.3672567 3.0339508 4.2288615
49 5.4351380 5.5948357 6.4612771 5.9037074 4.9614616 6.5392041
50 5.4037924 5.5734975 3.9065933 4.5751004 4.6542620 4.7856171
51 3.9697662 4.3177895 4.7930352 4.8989864 3.3531612 4.7992784
52 5.4392050 5.6317188 5.1294520 5.1379419 4.1310793 4.5592030
53 7.7972272 8.3704931 6.9207972 7.4028549 8.7160135 8.5129111
54 4.2044879 3.8614106 3.4604042 4.7450696 4.7832349 4.1283298
55 4.2376855 5.0732950 3.8498875 3.1832830 5.1391753 4.6024709
56 5.8564867 5.5789582 6.0826073 5.5173299 5.3398727 5.4750118
57 4.5231822 4.7266846 5.1418527 4.2199149 5.4086754 5.2666604
58 4.3074412 4.4863514 4.6530130 4.0611376 4.9117233 4.7896760
59 3.7623612 5.0231979 6.1126485 3.4001299 2.7064965 3.0997594
60 2.3701431 4.0208031 5.6791653 3.3120864 3.8939127 2.8568899
61 8.3910819 8.9237472 9.0284137 8.1564531 7.2480597 7.8658707
62 4.5558520 4.4021943 4.8893506 4.4179734 3.0765227 4.9909007
63 4.0251687 4.2710888 5.2459903 3.3164388 4.5132694 4.2343873

## 64	4.9368602	5.4112935	4.7960279	3.9373824	4.3624555	4.2299256
## 65	6.0124819	5.0497521	4.3726723	5.6065595	6.2087447	6.3488716
## 66	4.9618472	5.6688828	6.6443865	3.9461562	4.2723579	5.8172871
## 67	5.4939363	5.7418464	4.3546707	4.3446967	4.6927571	5.5005521
## 68	4.0902917	5.3373714	4.9095108	3.9178431	4.8069597	4.3276655
## 69	4.6323300	5.0482519	4.2728935	4.5666630	4.5348274	5.0267904
## 70	4.8746907	4.7728004	5.5139714	3.3812547	4.3740747	3.5751050
## 71	4.8470667	5.0183063	5.5831093	3.5346193	4.8834218	4.1007150
## 72	3.3788913	3.8281140	4.8325290	3.2794723	5.1003666	4.5441621
## 73	6.6252503	7.4912447	7.8360548	6.6761744	6.3124978	7.0342361
## 74	3.1673603	3.2556408	4.5164670	3.2871758	5.4125949	4.5278002
## 75	3.8956138	4.9867951	5.7624574	3.1484402	3.6335975	4.0340290
## 76	4.3048203	5.5482048	5.0660691	3.8814093	4.5296771	4.6658864
## 77	4.1466277	4.1202591	4.9795999	5.1601492	5.6709698	4.4465949
## 78	4.4816132	3.6949973	4.3695746	3.5243993	4.7447786	4.6479020
## 79	3.7698945	3.3264856	5.5363657	4.5065405	4.9415316	4.0046406
## 80	4.6581508	3.7483760	4.6092469	5.0071464	4.3264167	4.5137020
## 81	4.9642218	3.8903695	4.4814469	4.5972695	4.6934916	5.2108860
## 82	3.7999781	3.8018554	4.9838041	3.5966382	4.8272420	4.3219266
## 83	5.0632272	5.0543176	4.0390363	4.2005654	4.7670420	5.5775666
## 84	4.5691314	3.1174077	5.0979611	5.6087314	4.7971559	5.6732131
## 85	4.3382458	4.7203204	3.8528259	4.7094563	4.5674431	4.1823737
## 86	5.1327708	4.1916010	4.9064647	4.2965462	4.7504736	4.4904899
## 87	4.0519024	2.9642886	5.3020184	4.6094524	3.3352220	4.7331463
## 88	4.1583279	2.8526873	3.9610801	5.0643601	5.4981702	4.4580867
## 89	3.8985582	2.8296100	4.8432727	4.1402449	4.1252580	4.0541679
## 90	4.8188630	4.4555784	5.1998855	5.5029096	4.6711171	5.3630131
## 91	3.2594265	3.1411821	4.7749502	3.1526271	5.2017475	3.8807032
## 92	4.2311434	2.6964238	4.5124881	3.4091701	4.1897732	4.2605316
## 93	5.5121023	4.6093456	4.1488913	4.7756669	5.1218039	5.6634074
## 94	4.7299692	4.8478108	4.5492134	4.0359936	3.6329946	5.1443828
## 95	4.2776814	3.4374624	4.3722208	4.7774129	4.9311216	4.0615262
## 96	4.5728096	3.6319094	4.2668920	5.4455691	5.1207527	5.2485641
## 97	4.3149780	3.1450669	5.1236522	4.5918965	3.9854505	4.4862141
## 98	5.4193992	4.2967361	3.5156345	5.4435275	5.7283881	5.9410804
## 99	4.8816585	3.9889878	4.6087147	5.0146589	4.7400676	4.6426248
## 100	4.8393438	4.0531528	2.9213975	4.7153698	5.6364532	5.3531913
## 101	5.1787611	4.5885998	4.8700007	4.8055440	4.7274710	5.1626220
## 102	3.8405108	2.3979806	5.1917095	4.8732406	3.8948802	4.4265394
## 103	4.3164917	4.9715412	5.8527409	4.9253854	5.6363105	5.4006085
## 104	6.6172291	7.2133404	7.3403756	5.9620342	5.9664133	6.6741496
## 105	4.7210462	4.0250775	4.5705317	5.2883958	5.1754283	5.1125054
## 106	5.9068691	6.5830852	6.4248959	5.6507962	5.8810383	4.3140909
## 107	4.5377995	3.5159255	4.6084241	3.8776030	3.9277754	4.7704810
## 108	5.0333992	4.4480598	4.2695797	4.2222515	4.7169401	5.1743108
## 109	4.2096969	4.0834779	5.5904662	3.3570649	4.1207653	4.1711873
## 110	7.8335521	7.8334832	8.3219086	6.2214009	7.9276517	5.3847218
## 111	4.0572931	4.5951355	5.3612793	4.2251862	5.3283716	4.6216998
## 112	4.1447517	4.1635665	5.4588871	3.2957723	4.2669144	4.4705352
## 113	4.5678407	3.6771578	5.0484379	3.3746662	4.1145089	4.6016081

## 114	5.1880639	5.0157332	3.0743022	4.9812764	5.4330785	5.2741688
## 115	5.0501863	3.3704879	5.6390596	4.8498270	4.1278071	4.7971926
## 116	5.2840837	4.6080083	3.5657495	5.1499348	5.1175352	5.9487699
## 117	4.7139232	3.3720674	3.5269628	5.3387886	5.5301586	5.0372530
## 118	6.6879327	5.7888154	5.3980504	6.3806628	7.1139254	6.4263843
## 119	4.5138050	3.4637057	3.1986970	5.5882295	5.9230502	5.3526319
## 120	4.7446140	4.6419113	4.6172706	4.8045636	4.6330133	5.3491489
## 121	4.0845569	3.9734799	5.0342781	4.8048294	5.0511139	4.8995913
## 122	4.4165829	3.3007336	3.9429774	5.2670050	5.0369593	5.2635533
## 123	4.5012128	3.6539323	3.6642507	4.2774346	5.1804624	4.9062060
## 124	5.1879041	4.9351005	4.5908270	6.1143367	5.3572468	6.0176632
## 125	4.6710048	4.7397581	5.0702588	3.7422991	4.0299131	5.3960774
## 126	5.7641287	4.8746153	3.8611993	4.9636131	5.0536914	5.9517475
## 127	5.7112918	5.3671762	6.4924145	4.8863754	3.8075435	5.4604166
## 128	5.2249754	4.1177262	2.8530492	4.8766038	5.9488299	5.3616070
## 129	3.6323709	3.7111672	6.0000211	4.1053783	3.7419024	3.6993716
## 130	5.2773793	5.0082594	4.4991033	4.7128210	6.1237857	5.8210491
## 131	4.4276326	4.5705245	5.1077116	5.0254664	5.1301934	4.8091970
## 132	6.7556119	6.0319268	6.4516204	5.7507302	6.8397738	7.3449138
## 133	4.8625778	3.9939353	4.9058431	4.8916966	3.8183671	4.8826841
## 134	3.8478071	4.2175263	5.3625301	4.9203984	5.7411675	4.3142262
## 135	5.7167039	6.1095527	6.9418254	5.8624174	5.8947052	6.2477724
## 136	4.4415269	3.3294038	4.9248424	4.4118819	4.3228005	4.9015951
## 137	5.0232924	3.9342609	2.7068659	5.1874015	6.1479009	5.9073398
## 138	5.6501768	4.5905047	5.7268785	4.7972416	4.2313111	5.6326647
## 139	4.5516110	3.4966982	4.0117498	4.1494154	4.8168800	4.9733444
## 140	4.4602315	3.7836704	5.6090435	4.7502985	3.0453091	4.7140584
## 141	4.1293873	4.0242936	4.8595687	4.1071253	3.6848436	4.6313558
## 142	5.8985117	5.2824957	4.2767955	5.0223340	5.1114191	5.4571751
## 143	5.2973565	4.1976846	4.8802790	4.0409714	4.4556924	4.8318124
## 144	4.9149975	4.1985591	4.1685405	5.6216154	4.9362204	5.3375205
## 145	3.8576579	5.1701753	5.5938502	4.3817386	4.2505411	3.7250677
## 146	4.4492394	4.8167307	5.5463423	3.6978769	4.7312346	4.3913724
## 147	4.3577267	4.4778943	5.6455069	3.5545810	4.2950496	4.5736296
## 148	4.7188467	3.6821267	4.5744029	4.6540271	4.7424404	5.2875520
## 149	4.6662410	4.6857864	4.6297644	4.4076455	4.0184654	5.2547836
## 150	4.4216770	3.5915739	5.6602857	4.9123922	3.1160166	4.7667110
## 151	4.1195939	4.0661486	4.5751431	4.8274247	4.0669581	4.9179853
## 152	3.6239828	1.9915075	4.4356304	4.6522280	5.0476086	4.3070804
## 153	3.7794692	3.6875228	5.7565155	4.1729486	4.0475189	4.3960770
## 154	4.0360351	4.3643591	5.2394822	2.9020732	4.7172040	4.0616433
## 155	4.9756946	4.0077482	4.5951309	5.5444589	4.4021092	5.3072191
## 156	4.7766952	4.1895425	4.4301290	4.3793870	5.1527598	5.3124600
## 157	5.6547960	4.8292804	4.2179995	4.8642052	4.8128455	5.6472566
## 158	4.6055748	4.7546229	5.9034331	3.4987031	4.2266845	4.4972310
## 159	5.1389888	3.9723233	4.8031449	5.4136820	5.3034894	5.8723182
## 160	4.2853883	4.3418225	5.3408699	4.6017956	4.9380914	3.9381294
## 161	4.5573271	3.2425919	5.0629143	5.1002646	3.9732202	4.9675925
## 162	4.8879025	5.1647047	5.0758387	4.2782602	5.1484340	5.3081716
## 163	5.1474325	5.0949738	5.4722192	4.2861486	5.2795166	4.2986221

## 164	5.2414788	5.8697920	3.3705580	5.1897004	5.5940439	6.1909682
## 165	4.7485341	5.1843070	4.9137869	3.4390866	4.0111043	4.2070384
## 166	3.5278547	3.5555894	4.3444056	4.7970509	4.4158775	4.5924767
## 167	4.5547137	4.2594302	5.3161553	4.0461082	5.1071744	5.0340537
## 168	4.5026531	4.7348461	5.3252085	3.9632335	4.4322960	5.6632191
## 169	4.5817662	3.6102037	3.8734057	4.2841398	5.1096888	4.8303514
## 170	4.8978920	3.6878577	5.4730776	5.3193970	3.8756007	4.8820204
## 171	4.4210278	4.5485197	4.8100953	3.3381766	5.2115797	4.4854663
## 172	5.6620061	6.1166442	6.4236512	5.0176113	5.4417284	5.4315592
## 173	4.3005450	4.6908694	5.0494156	5.7640875	6.3663794	5.4401271
## 174	5.6088559	5.0901373	5.2990041	5.0375737	4.6586938	5.8360805
## 175	2.9972105	3.0881151	5.5667367	3.7457380	4.6138497	3.1609521
## 176	4.9278382	4.8229326	4.7918524	4.5262275	5.8602068	4.9180086
## 177	4.2045146	4.3746113	5.5992381	4.3846877	4.8541585	5.4236200
## 178	5.6705517	5.0428198	3.6466552	5.5161890	5.7303777	6.4116166
## 179	4.9454707	4.2876732	3.5251480	5.0942835	6.4934646	5.4422803
## 180	4.2722137	4.5619555	5.2955752	3.7086932	4.7650750	4.3039868
## 181	5.0687741	4.2147147	5.2534562	3.6647071	4.3480519	4.6184070
## 182	3.9014756	5.0714469	4.6996497	3.1382922	4.8270208	4.2094811
## 183	3.3168347	4.6160110	5.1756578	2.4301613	4.4305103	3.4800153
## 184	3.9008453	3.8249128	5.4938989	4.6418255	3.6080309	4.7496795
## 185	4.4768549	5.5804557	5.1478307	3.8178340	4.5553979	4.7740491
## 186	4.8498790	4.8405379	4.4929762	3.7500277	4.6561452	4.2337999
## 187	5.0356437	4.9856202	4.0600797	4.6253761	4.3859258	5.6700860
## 188	5.2329039	5.8187274	4.6936519	4.5081314	5.3867529	4.8967415
## 189	4.7219419	3.6745817	4.1326730	5.3058211	5.1311416	5.2527786
## 190	5.3265634	4.6259712	5.0886393	5.3592076	4.7155396	5.2365999
## 191	4.8090193	3.5923920	5.5104171	4.3626758	5.1251840	4.8354111
## 192	5.8311205	4.7465551	4.0527550	5.4921016	5.8318890	6.0179742
## 193	5.3973503	4.1242695	4.9080336	4.4278875	4.8547771	5.3552016
## 194	4.3494012	4.8104038	4.9987965	4.6696159	6.2277080	5.2947122
## 195	4.7403508	5.0325471	6.0615651	4.7588388	2.8976677	5.3164551
## 196	4.8374258	5.2871184	4.0921542	5.2620918	5.7406586	5.6636849
## 197	4.7925846	3.9137662	4.8665665	4.7667270	4.6220817	4.7587254
## 198	5.3483712	4.5792724	4.9755364	5.0492643	4.8368174	5.4986861
## 199	5.5679540	4.7726878	5.3864907	5.3816947	4.7372886	5.3107486
## 200	7.0983474	6.3378212	8.3962790	5.8859204	6.1785434	7.0778843
## 201	5.4018698	4.7719971	4.7999540	5.6167392	5.2278736	6.4899564
## 202	4.8457145	3.5546460	5.3199941	4.7215506	5.0555926	4.3284891
## 203	4.3858291	3.0914968	5.2209980	5.4932815	4.9812928	5.1821002
## 204	4.6827575	4.9132321	6.8042282	4.7465409	4.8770076	5.2714574
## 205	4.8239679	4.7880894	5.3984478	4.9078211	5.6941347	5.1499973
## 206	5.7155819	4.7668149	3.9773666	4.8000534	5.6846667	5.2882332
## 207	6.1068889	5.5998075	4.3339507	5.4965287	5.6306207	6.2074878
## 208	4.9168590	3.8677954	5.5640924	5.3360041	5.1051073	5.7789256
## 209	5.5794834	5.1348462	3.9112894	5.2820777	5.8690629	5.6744866
## 210	5.1465542	3.9414893	5.5202309	4.9557982	4.2021123	5.0012111
## 211	4.3754916	4.4309921	6.7701929	4.5181935	4.9746817	3.6008136
## 212	4.2553441	4.4662871	5.6129224	5.1419255	5.5037918	5.2179861
## 213	5.2198268	5.0701466	6.2077623	4.8185824	6.0514870	4.5852618

## 214	5.2120606	5.0413086	4.9173255	4.9043241	4.3537623	5.2236998
## 215	5.0284791	3.8723070	5.5598301	5.3819527	4.1580708	5.0262345
## 216	4.4387478	3.2240100	5.9013969	5.2203990	3.8639142	5.1183185
## 217	5.1034703	4.3257557	5.1223215	5.7948309	5.2099719	5.0248070
## 218	9.2187352	9.3536503	8.5831365	9.1205215	9.6641131	10.2042986
## 219	5.0070155	3.9715817	4.7362269	4.5750655	5.0055304	5.1804542
## 220	4.9182616	4.1337887	5.0737827	5.0506192	4.9962039	4.3284056
## 221	4.9381359	5.0073769	5.8274464	4.4062247	3.8125616	5.1585876
## 222	4.4847088	4.9298392	5.2816051	4.8141577	6.1341475	5.3274045
## 223	5.6296278	5.7717324	5.7305698	4.4519818	5.4934873	5.0082582
## 224	5.5357944	4.8065153	5.9608067	4.8636027	4.1298734	5.9958541
## 225	5.7471862	4.9724699	6.1296172	4.5556923	5.2599646	4.4402640
## 226	5.9473966	4.3927947	5.5316346	5.6373340	6.0756267	6.3530981
## 227	5.3571439	5.3148148	6.0643281	4.6701418	5.0472303	5.7127929
## 228	5.4878629	5.1769683	5.7185583	6.0825212	4.8149162	6.1414812
## 229	6.9473073	6.2044101	6.9844502	6.0363535	6.0940161	7.3797481
## 230	5.6700169	4.7650705	5.6247686	5.2862541	4.8514934	5.7812490
## 231	5.8430895	5.6424242	5.7891767	5.3903344	4.6295470	6.7714157
## 232	4.5140731	4.4593645	5.9570869	4.3663834	4.9973113	5.2158920
## 233	5.9080078	5.2090823	5.2353287	4.9774455	4.8619336	5.8034645
## 234	5.2058607	5.3017100	5.4658843	4.2800469	5.2216630	4.9386321
## 235	5.1000994	5.1440107	5.2232262	4.3562894	5.3545351	5.0056694
## 236	5.3402496	4.2006314	5.6162301	5.9067033	5.3762997	5.0843076
## 237	4.8517812	4.4127851	5.5958908	6.1639383	6.0317726	5.5232198
## 238	5.2034677	4.1257598	5.8962137	4.9619756	4.3909848	5.8284774
## 239	5.3457204	4.4508822	3.8855107	5.0404634	5.6324457	5.5917877
## 240	4.9965975	5.0296440	5.1601942	4.4146786	5.4446623	5.1676688
## 241	5.6987722	4.8032480	6.0236094	5.7103611	5.8832390	4.5474514
## 242	4.1168286	4.2517431	5.6307564	3.5491980	5.1894439	4.4068102
## 243	5.1639592	5.2502480	6.0653003	3.9828734	4.8779383	5.0554514
## 244	5.3025270	4.7274533	4.7968502	6.2526632	5.4449466	5.8634825
## 245	4.8300277	3.7563134	5.1337252	3.8469404	4.6537295	4.9562305
## 246	5.0363534	4.0916161	4.4988092	4.4845127	5.3536210	5.1439003
## 247	5.1912249	5.5294721	5.6027847	4.3151142	3.6848579	4.8821282
## 248	5.3772416	4.5594820	5.9993661	4.6923606	4.5122042	5.6611335
## 249	5.2407742	5.6209369	5.9677108	4.2476640	5.3231836	4.9280415
## 250	5.4776025	4.2802814	4.9923183	4.6488796	5.0970975	5.7009436
## 251	6.0829196	5.6047255	6.2496943	5.9447196	4.6710006	5.3003792
## 252	5.1853702	4.7245856	4.3648222	4.9201848	5.7441300	5.4404719
## 253	4.9390378	3.6862785	5.8528359	4.9559958	3.8048199	4.9204405
## 254	4.7715344	3.4330562	5.4104075	5.2834011	4.8682443	5.1623978
## 255	5.2103284	4.3047652	4.9252493	5.6922358	5.2642669	5.4855307
## 256	4.5896358	4.9573781	5.7057595	4.7359429	5.6631332	4.1534677
## 257	5.4644499	4.7341504	4.9077502	5.0835396	5.2349459	5.6011530
## 258	4.2047367	3.2043641	5.3259900	4.7346047	4.7115910	4.4361761
## 259	5.7253980	4.9609012	5.3641663	4.7891693	5.1728400	5.6676006
## 260	4.9689789	4.8052101	5.7941227	4.2163407	5.2458531	4.8349352
## 261	5.1397956	4.3262893	5.2827733	4.7595172	4.7530964	5.5557010
## 262	6.0346823	5.0835190	4.8306985	5.5556554	5.2182773	6.0450141
## 263	5.3019545	5.1073592	5.3807063	4.6451723	4.7477137	5.6803370

## 264	5.5520134	4.7336287	3.5164590	5.7810929	6.7817275	6.2470662
## 265	4.6589422	4.0579374	4.8653949	4.6752010	5.4875195	5.5161421
## 266	5.5901640	5.7709159	5.7602040	4.7285454	5.6851976	5.0715330
## 267	4.9417606	5.9451473	6.3696579	3.7840232	4.2130255	4.8977620
## 268	5.2418340	4.6612808	4.5885101	5.0519052	5.9080637	6.0599368
## 269	5.6229139	5.0135243	4.7469850	4.8136770	5.6423130	5.3853280
## 270	5.5390821	4.5864687	5.7373198	4.3812336	4.7748149	5.5496824
## 271	4.8268846	4.6853968	6.7612039	4.3016806	4.6851511	4.6528680
## 272	5.4329555	4.4944469	4.7806792	4.7559566	5.2751893	5.6425327
## 273	5.6517992	4.6484621	5.3253776	5.3600258	5.0764462	6.0744914
## 274	5.5995806	5.0031904	5.5101619	5.0485385	5.0945355	5.8809714
## 275	4.8227601	5.0306481	5.3867555	4.5684108	5.9108691	5.4979191
## 276	6.0058488	5.2136659	6.0345079	5.6687006	4.8069245	5.1340365
## 277	5.7224136	5.1706024	5.2165020	5.5653891	5.6636568	5.6921702
## 278	4.9125816	4.3508864	5.2811790	5.4524723	6.0128323	6.3774223
## 279	5.9238612	5.2760172	4.6489963	5.2626634	5.5684881	5.9687695
## 280	5.9568907	5.0316380	5.3721357	4.8800976	5.7522590	5.1029989
## 281	5.1635089	4.4989947	5.5148961	5.0658920	5.3767041	5.5606112
## 282	5.0478016	5.2577011	6.2798527	5.1826680	5.9791169	6.4924324
## 283	6.3957663	6.2655095	7.4449307	4.9365914	5.6534426	6.6274020
## 284	4.8388329	5.0861361	5.9780653	4.5298513	5.1964011	5.0748538
## 285	5.8363748	5.2377760	5.0612441	5.3274980	5.4938182	5.7985089
## 286	5.5266075	4.5339854	4.9613908	4.6685014	5.4453009	5.2410861
## 287	5.3074377	4.6502323	5.5499126	4.8189556	4.9783105	5.4354294
## 288	6.8405755	5.7761286	6.0082859	5.5069543	6.3390558	5.6347452
## 289	5.3161471	4.8051471	4.7042934	5.1696209	5.9243564	5.5422865
## 290	6.5805831	6.0635237	5.5737205	6.8499551	7.0662649	6.5225960
## 291	5.6438916	5.0216907	4.3533323	5.2659452	6.2574444	5.9452666
## 292	5.2751079	4.6612592	5.5663107	5.1643595	5.0838515	6.0714389
## 293	4.9284996	5.0862981	5.8284872	3.9498935	5.8992386	4.2782829
## 294	4.9169745	4.9886786	5.4339998	4.6994592	6.0671908	5.4942129
## 295	3.9874890	4.4967142	5.9387826	5.0810111	6.0174557	4.9343064
## 296	5.9786964	5.4742462	5.3343055	5.4874759	5.3011742	6.0385966
## 297	8.2988105	7.6230849	7.4021024	7.0976087	7.9346341	6.5993850
## 298	5.6428967	6.1267037	6.4018585	5.1874590	5.7444342	6.2185838
## 299	5.6376721	5.5683218	6.4033261	4.5213804	5.6491061	5.0685203
##	49	50	51	52	53	54

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53 7.7679771 8.1394014 8.6620243 8.5831796
54 5.6000710 3.8179852 4.1994417 3.8037345 8.1190322
55 5.3486198 3.9863138 4.8172690 4.6503524 7.5608777 3.6379316
56 4.7887853 4.3965690 4.6518114 5.0067679 8.8262259 4.7566650
57 4.5614718 4.5735104 4.1938669 5.2122608 7.9271137 5.3709700
58 5.8832915 4.2740111 4.0011403 5.1295969 8.7500700 5.1585475
59 5.4319818 4.5249876 3.7548312 3.9031756 8.7986521 5.2479626
60 4.9067579 5.1841357 3.7700363 4.8023374 8.6111356 4.5679561
61 9.5145539 8.8954201 8.4359713 8.6587207 8.4040827 8.9826462
62 4.7647262 4.3218255 4.0999984 3.9236250 7.5837524 3.9693491
63 6.1039155 4.4700713 4.5432145 5.1511640 8.4684135 5.6187344
64 6.5758376 3.3475113 4.5248657 4.1584055 7.7781795 5.4401173

## 65	7.9953888	5.4861035	6.6225907	6.4990352	7.6459404	5.4391178
## 66	4.4912838	5.8213314	4.8792799	6.0537625	8.7615758	6.3400048
## 67	5.7811272	3.4300668	4.3647677	3.8048162	8.3977946	4.5880055
## 68	5.0076602	3.5119582	3.2857588	4.3011416	8.7777590	4.9448455
## 69	5.3686860	2.8564181	3.8218395	3.7968409	7.7582921	4.6483132
## 70	5.8584180	4.0353524	5.0478977	4.4550411	8.0730924	4.5236773
## 71	7.1995419	4.5056512	5.4226598	5.1503999	8.7155169	5.8952720
## 72	6.3391546	5.4839107	4.8468698	6.1330793	8.2560739	5.6352445
## 73	7.5550058	7.7288976	6.9474700	8.2374586	8.2616819	7.8818739
## 74	6.3070069	5.6584479	5.1615543	6.4368920	7.9695117	5.2057705
## 75	5.0313698	4.3295042	3.9049829	4.8306383	8.6722362	5.3967319
## 76	5.2234533	3.7201839	3.2111273	4.3661970	9.1542609	5.3213580
## 77	6.9296312	5.1035725	5.4214046	5.3185521	8.3798960	4.4916713
## 78	6.6055363	4.7146680	4.9658068	5.3725660	7.8688087	5.1994419
## 79	5.6460273	5.5256782	4.3816910	5.4140934	9.5056463	3.9983618
## 80	6.2946125	3.9237563	4.4839059	3.8154511	8.0114371	4.0816957
## 81	5.5774594	3.6187653	4.6703038	4.5008981	7.6581401	4.3582624
## 82	6.1242659	4.8844816	4.8274380	5.7405691	8.0617640	5.2783478
## 83	4.4788167	3.7515992	4.2191618	4.2411396	7.6094444	3.8135904
## 84	4.2330980	5.3039170	3.5025995	5.3553185	8.6258902	4.2197780
## 85	5.3763300	3.1420495	3.4258130	2.5558790	8.1062147	2.8851963
## 86	6.9687756	4.0554161	5.1288306	4.9575236	8.3452748	5.1463015
## 87	5.1265794	4.8423603	3.3351047	4.6288024	8.6419317	4.9285276
## 88	6.2936622	5.0427604	4.4947145	5.2389104	8.3418510	3.4867816
## 89	6.3878980	5.1409815	4.4176647	4.9707476	8.4947452	4.6346049
## 90	5.0496526	4.3983088	2.7840757	4.0857942	8.8623976	5.2030738
## 91	6.4160458	5.2735638	5.1019477	6.0472730	8.4528678	4.8661863
## 92	6.1767296	4.8127878	4.8814190	5.5439268	7.8396265	4.4236127
## 93	7.1689300	4.4089487	5.6773628	5.3429553	7.5539083	5.0175562
## 94	3.9188493	3.1941088	2.5281533	3.8676339	8.2942850	4.5660718
## 95	6.6270930	4.3153467	4.8062238	4.1564571	8.0539707	3.7909008
## 96	5.8853821	4.8292760	3.9058762	5.0307803	8.3853773	4.4011078
## 97	4.6447639	4.7220801	3.2910096	4.2998833	8.7063260	3.9096621
## 98	6.1686006	3.9223117	4.8698566	5.1019719	8.0906818	3.9005542
## 99	5.4990566	3.8356527	4.0596111	3.2831613	8.5002285	3.2621702
## 100	6.0238706	3.6246243	4.5078856	4.5941337	7.8126185	3.7315666
## 101	5.2157543	3.3151986	3.4209664	4.0843247	8.5654524	5.0241319
## 102	5.0721846	4.9130647	3.6374824	4.9214377	8.1984057	4.3980859
## 103	5.8852701	5.4424848	4.5736906	6.1018443	8.5119767	6.4551844
## 104	8.1222199	7.0643309	6.7993054	7.4648221	7.9127621	8.1425505
## 105	5.8620921	4.4220492	4.7859712	4.3738104	7.0764997	4.4639524
## 106	6.5433532	4.1149386	5.6338503	3.5604600	8.9875318	4.5657619
## 107	5.8033603	4.2154644	4.3065006	5.0393529	7.6831421	5.0414198
## 108	6.2479496	4.5861581	4.4732513	5.2283027	7.7929899	5.0594999
## 109	5.9537486	4.7673491	4.7667680	5.4186691	8.4307433	5.3701200
## 110	9.9106180	6.7220470	8.7389466	6.9621478	10.0018204	7.5997089
## 111	6.1399713	5.4324209	5.3210183	6.3464968	8.5461611	4.9592325
## 112	5.9029855	4.7342072	4.5871565	5.3470688	8.6718087	5.5920179
## 113	5.7601484	4.6228092	4.5960443	5.0548395	7.9960778	5.1658686
## 114	5.9925973	2.9582996	4.6693457	4.3467016	7.6156612	3.1761942

## 115	5.5307749	5.4389023	4.6173848	5.1632072	9.0802165	3.8225601
## 116	5.7225756	3.3763156	4.0126334	4.3996362	8.0667117	4.4941605
## 117	6.5597078	4.7429482	4.9356830	4.9040218	8.3230098	2.7142722
## 118	6.5048414	4.7987387	6.4388753	5.6520730	7.4198761	4.8633017
## 119	6.4114368	4.9227268	4.7823611	5.1632920	8.0096746	3.1667131
## 120	4.8659813	3.9309811	4.3832889	4.8071846	7.4874124	4.1868015
## 121	5.7000699	5.5078490	4.4403801	5.6155402	8.3875086	4.7228101
## 122	5.3656193	4.5869198	3.8998741	4.4820582	8.4611407	3.1756654
## 123	6.5651480	4.0857982	4.9496889	4.9431269	7.8234320	4.3203907
## 124	5.6420200	4.3007093	3.5652635	4.1560287	8.4579203	4.9408705
## 125	3.9689117	4.6786547	4.3436979	5.2140620	6.4142082	5.2674508
## 126	6.3365273	3.6536317	4.8793948	4.5710533	8.0405947	4.4993875
## 127	5.6921889	5.5715518	5.4294194	4.8362198	9.0314940	4.8348650
## 128	6.9756981	4.1458527	5.4410014	5.2221476	7.8928576	3.4735327
## 129	5.6719209	5.0339427	3.9775313	4.7639696	9.1923164	5.1735191
## 130	5.4487165	4.8611960	4.9369247	5.3940743	6.6845997	5.5528697
## 131	6.5888084	5.5338598	4.7490336	5.6768950	8.3726309	5.1201048
## 132	5.0520785	6.8586354	6.6977566	7.1293258	6.0504395	6.4642792
## 133	6.0736102	4.2371916	4.4508966	3.9606642	7.9637398	4.4631810
## 134	6.8133111	5.6351588	5.2256169	5.8174399	8.1417188	5.4808993
## 135	6.9410637	6.8193429	6.1135209	7.3968875	7.7943047	7.2390297
## 136	5.3727710	4.3859757	4.0883481	5.2294244	8.0368197	4.9603162
## 137	6.6172720	4.6822697	5.2207490	5.7385175	7.9546640	3.7837989
## 138	4.3758741	4.2544749	4.0112727	4.6979551	8.5847570	5.0114736
## 139	6.1765746	4.2215513	4.8749028	4.9692526	7.8531048	4.2152067
## 140	5.6060427	4.9369897	3.6132439	4.6486915	8.3395565	5.3572866
## 141	4.8376880	4.1873118	3.6416898	5.0408111	8.0304294	4.5532385
## 142	6.5133479	2.5727773	4.6843216	3.5301374	8.3366100	4.6188142
## 143	6.6753357	4.2080302	5.4145368	4.7273059	8.3207442	4.4542389
## 144	5.5622978	3.6721311	3.5761614	3.5775569	8.4402642	3.8419552
## 145	4.3516781	4.1751956	3.0326655	3.7373912	8.3747456	4.5661383
## 146	6.5860325	4.5408895	4.7534478	5.1586405	8.8116775	5.9894305
## 147	6.2250983	4.7699725	4.5980692	5.3451428	9.0490950	5.8402659
## 148	6.4031561	5.0850110	4.9467678	6.0431424	7.4515038	5.2407586
## 149	3.6200199	3.6377013	2.7462383	4.3935700	8.0639857	4.3875744
## 150	5.4584392	5.2043227	3.7803263	5.0293253	8.0222285	5.2111446
## 151	4.3464574	4.3119192	3.9312522	4.1727805	7.1256010	3.5766275
## 152	6.4900387	5.6099049	4.8637297	5.7804437	8.1121659	4.1895289
## 153	6.0760767	5.6017895	4.5142677	5.5030533	9.0559303	5.3404033
## 154	6.6732398	5.3500243	5.3314100	5.8909580	7.6698308	5.6544295
## 155	5.1715563	3.7639857	3.3927682	3.5416650	8.7360554	3.6242808
## 156	5.1795774	4.3574627	3.9181580	4.9323317	8.0762023	4.9355785
## 157	5.7094921	2.8930188	4.3309539	3.7531081	8.2450734	4.3388630
## 158	6.1704455	4.6693487	4.7051212	5.1346577	8.9610911	5.9471712
## 159	5.1692217	4.8617478	4.2405811	5.7879503	8.3194863	4.7152617
## 160	5.9290455	4.5538899	4.2275902	4.4338032	8.8683054	4.5763406
## 161	4.5638431	4.4698998	2.9917658	4.3089019	8.8902221	4.0166755
## 162	6.2542024	4.5766098	4.3919169	5.2462646	9.0601547	5.7963639
## 163	6.4590457	4.0693050	4.9737528	4.8277224	8.8690197	5.0813735
## 164	6.4365597	4.6772717	4.6870418	5.4427264	7.1412417	5.1607262

## 165	6.5529125	4.5760710	4.9380897	5.0985005	7.0965189	5.3468542
## 166	5.0677877	4.9128358	4.0833518	4.8529221	7.6405495	3.2148008
## 167	7.0135146	5.5975355	5.5784956	6.4164407	8.8368971	5.6656959
## 168	4.6551756	5.4257317	4.3109019	5.7833276	7.9946357	5.6172024
## 169	6.4347912	4.1891849	5.0835868	5.0287494	7.5259736	4.1493485
## 170	5.6708359	4.4803692	4.3463334	4.2567004	8.5779145	4.1188364
## 171	6.0723370	4.7847855	4.8506436	5.3459091	8.2836163	5.0264811
## 172	7.5975343	6.0355014	6.1494367	6.6119716	7.6194942	6.9887982
## 173	6.4005246	5.7980496	4.7319462	6.0669435	8.6624409	5.4307302
## 174	5.6170352	4.0407093	3.6805807	4.5786951	9.1998446	5.6977405
## 175	6.0672209	5.5058058	4.6301714	5.3363631	8.7646455	4.7003426
## 176	6.7797299	4.7288035	5.2708272	5.6842123	8.6403066	5.0970702
## 177	5.9236361	5.7434198	4.7533948	6.4422535	8.4016547	6.0702583
## 178	6.4789941	4.1164684	4.7676142	5.1022484	8.2225843	4.9783408
## 179	6.8718148	4.9585792	5.2537210	5.9677336	7.7415251	4.8098462
## 180	6.6432524	4.7089421	4.8859985	5.4545651	8.3717229	5.7633273
## 181	6.7617400	4.7811223	5.1810378	5.2398718	8.4645819	5.3878780
## 182	5.5146504	4.3789486	4.0259802	4.9423875	8.7572284	4.7421016
## 183	5.7170669	4.7455466	4.5296284	5.2694145	8.3012854	5.0159755
## 184	3.6557500	4.9957933	3.3889893	4.7823880	7.8485973	4.4541614
## 185	5.1504699	3.9483961	3.5932156	4.5540079	8.8739011	5.2782500
## 186	5.4450172	3.5196779	4.1981605	4.1537842	8.2055311	3.9355582
## 187	6.4814690	4.2906220	4.8285661	5.2123319	8.0827283	4.7548093
## 188	6.4131304	4.0706444	5.3935421	4.6170631	6.2454311	5.1145633
## 189	5.7631425	4.6275492	4.2799735	4.4989841	8.4645871	3.3445929
## 190	6.9055233	4.5912501	5.0822991	4.4258616	8.3588631	4.9569643
## 191	5.5905529	5.2273399	5.2132763	5.7938893	7.7972906	4.8900342
## 192	6.3871164	4.0659752	5.3050662	5.1134894	8.0358097	4.1576741
## 193	6.3402162	4.9158137	4.9343286	5.5188646	9.1471099	4.6351725
## 194	5.9902539	5.3484454	4.6977654	6.0110757	8.6865030	5.5714917
## 195	4.8457127	5.2064875	3.4730431	4.6940417	8.7033074	5.6927081
## 196	5.1535877	4.1270539	3.7946616	5.1463228	7.5294765	5.0095008
## 197	6.6046359	4.9494885	5.1450278	4.6745504	7.9886181	4.3538510
## 198	6.1814575	3.8350609	4.7053511	4.6013526	8.4730211	5.0239441
## 199	5.9806283	4.5846672	4.5894141	3.9795026	8.9838086	4.2418981
## 200	7.6494173	8.1521758	7.7688895	8.3726769	10.4623303	7.2837287
## 201	5.8813078	5.3371188	4.2328784	6.1623073	8.3947454	5.7425951
## 202	7.3145781	5.7667602	5.7920532	5.7631443	8.3934892	4.6716991
## 203	6.1543368	5.6447605	4.6220116	5.8526360	8.5697471	4.8778296
## 204	4.6660176	5.9879801	4.8634899	5.5289110	8.1847628	6.1892757
## 205	5.9808765	4.7797512	4.5800603	5.5991584	9.2720154	5.2601369
## 206	6.9536514	3.8792927	5.5140949	4.6858106	8.2308941	3.9464976
## 207	6.8855247	3.7275038	5.0026963	4.5644933	8.5659562	5.2631908
## 208	5.5938465	5.2822860	4.4831799	6.0592606	8.8462365	5.5295353
## 209	6.7850411	4.3838773	5.2816309	5.2001845	7.1623338	4.6860393
## 210	6.5965433	5.3704292	5.3283711	5.0563607	8.6455898	4.3816139
## 211	6.2873804	5.7292897	5.1792894	5.2905991	9.4720480	5.4015656
## 212	7.1119729	6.3271676	5.4071673	6.4997088	8.6852343	5.9737742
## 213	7.0558559	5.3317016	6.0902278	6.0802325	8.6580579	5.7362297
## 214	5.4189803	4.5480211	4.4364767	4.0108331	8.6348220	3.5101631

## 215	5.1335826	4.5635136	3.4364007	4.3232873	9.3449468	4.3579993
## 216	4.8960758	5.4094546	3.7960753	5.2592834	8.7088004	5.0214087
## 217	6.6542507	4.7353284	5.1113743	4.8078960	7.8430570	4.5234757
## 218	7.1841771	9.2940794	9.1653287	9.1373252	6.3578268	8.7851290
## 219	5.6533706	4.7303068	4.4594785	5.3941248	8.3404941	4.5257297
## 220	6.9323514	4.6543814	5.2568273	4.3931371	8.2609341	4.2393708
## 221	4.5486259	4.4184506	3.9034633	4.8825817	8.2989984	5.3907750
## 222	6.9189269	5.5272811	5.3880395	6.3773202	8.3388238	6.2507830
## 223	6.8650623	4.4317844	5.2546242	4.9876006	9.1239379	5.8773180
## 224	6.1079329	5.2475764	4.6114021	5.7015840	9.1213079	6.2606626
## 225	7.1489764	4.8339999	5.8405925	5.2366084	8.7194293	5.5421142
## 226	7.1337938	6.2965981	6.6927923	7.0130625	8.4814657	4.8657983
## 227	5.5790528	5.0919131	4.5669975	5.5329841	9.5373600	5.8996233
## 228	5.8110382	5.6815919	4.0475448	5.5654502	8.2203039	5.9112471
## 229	5.0765429	6.0404714	6.4003680	6.1940780	7.4535310	6.5792389
## 230	5.8489043	4.2833936	4.9175441	4.8691478	8.6946448	5.1658190
## 231	5.5120510	5.4201309	5.0881952	5.8904536	8.8474752	5.6765213
## 232	5.9319253	5.4771158	4.8949828	6.0965284	9.0751818	5.9172827
## 233	6.3551671	4.2799155	4.5692234	4.8901828	9.0569249	5.5984734
## 234	6.2209219	4.4862526	4.8908341	5.1184314	8.5936283	5.5380191
## 235	6.4546733	4.6264444	4.9618074	5.3674760	8.6897289	5.4499693
## 236	5.8609135	4.9109897	4.5272708	4.9317723	9.0308462	4.3241495
## 237	6.5630834	5.7196676	4.9080900	5.8903841	8.4203221	5.7436916
## 238	5.3864809	5.2323059	4.4568719	5.7982749	8.9837201	5.7003256
## 239	6.2712852	4.2076154	4.9809348	5.0287223	8.0404238	3.9988368
## 240	6.2804600	4.7118278	4.8470618	5.4614604	8.8025590	5.4494326
## 241	7.1752805	5.0403587	6.0882410	4.7448972	8.6021695	4.4449910
## 242	6.2865883	5.5027455	5.2603432	6.0198602	8.4450958	5.5973396
## 243	6.8991723	5.2423102	5.4655848	5.7290188	9.0460634	6.3153580
## 244	5.7346598	4.5574658	4.0860769	4.5674208	8.2923724	4.4531511
## 245	6.0896878	5.1903419	5.1883720	5.7242346	7.8112596	5.1605261
## 246	5.8647820	4.5184381	4.6112169	5.2076273	8.3302689	4.5576233
## 247	5.9078442	4.2710515	4.3574658	4.8040141	7.8240665	5.7238927
## 248	5.0261030	4.8868972	4.5977530	5.3031219	8.2236423	5.8339973
## 249	7.2898382	5.1091149	5.6053640	5.6528947	8.6460029	6.5339810
## 250	6.7330949	5.1713239	5.7741238	5.7448259	8.4167850	4.8120248
## 251	7.2469238	4.9641388	5.5278142	4.6175144	8.3542902	5.6049031
## 252	7.1163088	4.6288977	5.4829512	5.3582936	7.8291580	5.1992196
## 253	6.1044153	5.3259881	4.6165468	5.1611740	8.9394772	5.0665371
## 254	5.9378272	5.4236912	5.0410206	5.2257781	8.6703035	4.0891863
## 255	6.3582613	5.1766122	4.5694614	5.2975589	8.5942859	4.7845192
## 256	6.6042008	5.2716636	4.9119957	4.9663348	9.0876035	5.1873384
## 257	6.1482272	4.0522777	5.1130597	4.8261001	7.6899367	5.0600995
## 258	6.2104294	5.4745526	4.6371472	5.3290059	8.5337245	4.8052604
## 259	6.4250010	4.9168728	4.8819144	5.3469320	9.2880145	5.4302466
## 260	7.1667670	5.3521296	5.6959516	6.0658415	9.0703247	5.8505403
## 261	6.2573642	4.8857954	4.7141726	5.5941295	8.5969882	5.7293843
## 262	6.2870143	3.9654523	4.8969104	4.7872100	8.7936307	4.5959424
## 263	5.1149514	5.0718947	4.3793705	5.5123783	9.0350962	4.8334207
## 264	7.0854617	5.0910169	5.7435283	6.0926234	8.0225095	4.4572417

##	265	6.4194421	5.5429831	5.0442056	6.2185132	7.9664756	5.6878602
##	266	6.8734350	4.5502545	5.2228668	5.1636635	9.1487641	5.8929386
##	267	5.6854110	5.0838894	4.8741790	5.4019067	8.4213413	6.2242677
##	268	5.9822453	5.2834226	4.7915234	5.9270163	8.2124030	5.4455221
##	269	7.4833020	4.7022979	5.9397595	5.3409742	7.9788526	5.2425049
##	270	6.9583430	5.7214129	5.6784412	6.1584132	8.8041330	5.8494230
##	271	6.5877358	6.4437954	5.7336411	6.0518593	9.1805966	5.8391786
##	272	7.0217784	5.0710165	5.7431066	5.7033001	8.2198511	4.9970534
##	273	6.1707908	4.7527263	5.2042231	5.4490074	8.5482853	5.1912194
##	274	6.9852043	5.1651981	5.1760590	5.8189677	8.8833424	6.2544936
##	275	6.3080515	5.5923400	5.0206024	6.1413293	9.1213525	5.7345728
##	276	7.2204551	4.7030514	5.6274643	4.3559070	8.8373012	5.1176321
##	277	6.6784061	4.2191389	5.3331106	5.0138820	8.0529217	5.3940645
##	278	6.4168222	6.3401077	5.2413677	7.0147227	8.4200632	6.1989073
##	279	6.7727998	4.5287830	5.2640304	5.1163540	8.5155584	4.9190584
##	280	7.4144303	4.6218273	6.3056380	5.1839975	8.2930697	4.8720122
##	281	6.7287751	5.9938324	5.5725530	6.6422567	7.5745066	5.8301106
##	282	5.6909520	6.5408677	5.5333251	7.0954289	8.1607210	6.8121091
##	283	6.1818299	6.6683579	6.5301778	6.8222817	8.7051696	7.2527321
##	284	6.5692408	5.5027987	5.3175275	6.1436317	8.2562232	6.2225318
##	285	6.5647237	4.3231931	4.6990256	5.0907915	8.9200899	5.5766490
##	286	6.4430500	4.7596511	5.1627250	5.3835926	8.6667865	4.7741330
##	287	6.0114848	4.7238022	4.8371907	5.3509352	8.1343036	5.8071203
##	288	8.6004453	5.5846897	7.4474865	6.1622375	8.6861592	5.3840975
##	289	6.9569429	4.8589861	5.6317466	5.5668146	7.6608958	5.2030966
##	290	6.9468281	4.6052061	5.7135183	5.4891423	8.8948410	5.4534232
##	291	7.9204309	5.4179118	6.3305606	6.2254453	7.8184931	5.4540830
##	292	5.9649957	5.3303098	4.7152972	5.9629507	8.4596594	6.1533972
##	293	7.5452011	5.4843823	6.1326647	6.0326522	8.6970709	5.9026319
##	294	6.5001702	5.6909457	5.2469873	6.2868077	9.2544324	5.6243160
##	295	6.7974171	6.4663370	5.3766001	6.4230568	8.8778486	5.9771593
##	296	6.9126539	4.7523930	5.5923769	5.4298199	7.6350474	5.7915711
##	297	10.2263310	6.7979432	8.9548914	7.3232026	8.9489960	6.9485517
##	298	7.2550719	6.3990301	5.9880997	6.9212080	8.1168969	7.2960451
##	299	7.2807284	5.5226357	6.2150921	6.0638285	8.7978156	6.2817937
##		55	56	57	58	59	60

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## 56 5.1622543
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## 58 4.1967761 5.3416855 2.3047125
## 59 4.7718862 5.7057103 4.6728222 4.2783012
## 60 4.2148719 5.2279451 4.5793952 4.6755456 2.9170343
## 61 9.2093646 9.5635751 9.7093282 9.0396849 7.7925799 8.3413223
## 62 4.2546401 5.8538657 5.2632029 5.2890680 3.9733683 4.6574063
## 63 4.5886740 5.7041066 2.8643248 2.2635199 3.4937684 4.1546169
## 64 5.5412484 5.6742117 5.0859143 4.5427791 3.9169238 5.0883527
## 65 5.8237359 7.3891263 5.8780438 5.1611296 6.6442087 7.2781503
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## 66	4.3152782	5.6925935	4.2834336	4.8946375	4.1429835	4.2477475
## 67	3.5310811	6.1394558	5.3020805	5.0186701	4.8520261	4.9110647
## 68	3.9313950	4.0591140	2.9177945	2.8610145	3.7287648	3.7060120
## 69	4.5620136	4.8763972	4.6149196	4.6227694	4.4160253	4.4209291
## 70	4.6052593	3.9297076	5.2194042	5.4318370	4.4047335	4.0044384
## 71	5.1367397	6.3294183	4.0231799	3.1182347	3.7337793	5.0313765
## 72	4.3896770	6.5528618	3.6937318	3.0780253	4.4571993	3.8007476
## 73	7.2159082	6.9110787	7.1195871	6.7018959	6.6464245	6.6753221
## 74	4.1895160	6.2082534	3.5320502	3.1997519	4.9774487	4.1195995
## 75	4.1002851	4.3635634	3.7012257	3.6801645	2.7944668	2.9744395
## 76	3.9816319	5.0143915	3.2821919	2.8101213	3.4533011	3.8406853
## 77	5.1921399	6.3069332	4.6736150	4.2463350	4.9968852	5.1069431
## 78	4.9316861	6.5270430	4.5658476	3.9933688	4.7867091	4.8689783
## 79	4.1927548	5.1205284	3.9760915	3.6490252	4.6798159	3.5925894
## 80	5.2644445	6.0642568	4.9118023	4.4036368	4.4016861	5.0637625
## 81	4.4083765	4.7114480	3.8617571	4.0065768	4.9889369	5.0315858
## 82	4.5840542	5.2687522	2.9097908	2.4092461	4.2616520	4.4517130
## 83	2.5362754	5.0095701	4.5919782	4.9872663	5.2315364	4.6087575
## 84	5.1686883	4.7610725	3.6788687	3.9323003	5.4619773	5.0632068
## 85	4.0097265	5.4826871	5.2453605	5.0196521	4.4359725	4.0073311
## 86	5.5927587	5.5306035	4.5100782	3.7830301	4.7294317	5.5573761
## 87	5.4452669	5.9547751	4.1724034	3.7788407	3.7370194	4.2234721
## 88	5.2082156	5.7685570	4.6957675	4.1881061	5.6669119	5.1432698
## 89	5.3553051	6.7724270	5.0960919	4.4054604	4.2715831	4.3043416
## 90	5.7072607	5.9907266	3.9224562	3.6315123	4.4378227	4.8048466
## 91	4.1190112	5.5174037	3.5546040	3.1344375	4.6773354	3.7202964
## 92	4.4885394	5.2189134	4.4203355	3.9027261	4.8549889	4.4847635
## 93	5.0646196	6.7454934	5.0790168	4.3458172	5.4963531	6.3234472
## 94	3.9238122	4.0235643	3.4808227	3.5630685	4.0276722	4.3405248
## 95	5.0640112	6.3593100	5.3288763	4.9013742	4.8039653	4.4840282
## 96	5.6010045	6.0419969	4.2111590	3.5806975	5.3036987	5.6357010
## 97	4.5203431	5.0797788	4.1474358	4.0363818	4.4455277	3.7793198
## 98	4.4344347	5.1098962	4.0339726	3.6858528	6.1351125	6.1443051
## 99	4.1994652	5.5250297	4.7012356	4.5688644	4.8319403	4.4073599
## 100	3.7544855	5.6015263	4.0417684	3.7463151	5.7307684	5.1551473
## 101	4.9777060	4.3632795	3.0235930	2.8340237	4.6171726	4.8847300
## 102	5.5370434	4.8696352	4.0907544	3.9445769	4.3567077	4.2451629
## 103	5.6183751	5.8161484	3.3462673	3.3643970	4.7337013	4.3109029
## 104	7.1331535	8.2549683	6.3927441	5.4871162	5.7151637	6.7948231
## 105	5.4193260	6.2235411	4.6611654	4.8063439	5.0518091	5.3711790
## 106	5.1326217	4.6808529	5.5929586	5.7969551	4.8345513	5.2748644
## 107	4.9811790	5.2707729	3.6962710	3.1533337	4.3398520	4.9473265
## 108	4.6658136	6.1575370	4.4442939	3.5262565	5.0971015	5.2292598
## 109	4.4039653	4.9865332	3.1328721	2.6056188	3.6516238	4.1444920
## 110	7.6075504	7.5373381	7.5213075	7.3161485	6.8241002	7.4049820
## 111	4.6869489	4.3823528	4.4246464	4.4043606	5.1451227	4.7350464
## 112	4.3816024	5.6389989	2.9044637	2.4010094	3.5357357	4.1329224
## 113	4.5828754	5.7468207	4.2430920	4.0737743	4.3467549	4.1667557
## 114	4.0232053	4.3063750	4.6686566	4.4653546	5.7241791	5.8462142
## 115	4.6767699	5.2101916	5.0295295	4.7261961	5.1366703	4.8094072

## 116	4.2892630	5.6823038	3.6875060	3.1194407	5.3612555	5.6442839
## 117	4.5113326	6.2511924	5.1996299	4.6202794	5.9253439	5.5379498
## 118	5.5642724	4.4601287	4.8918958	5.6502347	7.1633626	7.0154528
## 119	4.7666752	6.4786026	5.0594412	4.6132108	6.1574851	5.5555983
## 120	4.2866604	3.7637905	4.6590221	5.0137305	5.1621448	4.6752931
## 121	4.7603789	6.0301452	3.4804046	2.9580235	4.7565905	5.0820288
## 122	4.1591534	5.9459220	4.6009166	4.3528809	5.4256708	4.6288552
## 123	4.3564644	6.0876914	4.6816280	4.2346757	5.2664405	4.7634216
## 124	5.5289376	6.6207855	4.6114469	4.2122487	5.2453018	5.4471437
## 125	4.4872310	4.7920117	4.0519606	4.8272381	4.5377901	4.7880055
## 126	4.2454326	6.1193096	4.2908437	3.6113555	5.4696963	6.2244134
## 127	4.6235896	6.5279082	6.5909859	6.6525068	4.7421388	4.7045207
## 128	4.0665665	5.9159904	4.7957221	4.1646634	6.2440741	5.9695265
## 129	5.0459292	5.7085385	3.7121954	3.1932474	2.7286462	3.3079386
## 130	4.9632952	6.1695685	3.7629480	4.4273034	5.8383894	5.5188027
## 131	5.3232706	6.5766490	4.2809112	3.1113507	4.7511624	5.4619245
## 132	5.4304930	6.3578588	5.0027451	6.3605219	7.2579121	6.8414718
## 133	5.1202891	6.4599688	4.9920298	4.4551761	4.1560812	5.0832185
## 134	5.9368681	6.6208913	4.3147337	3.9537327	4.7397106	5.0412496
## 135	6.5344567	6.4198336	5.3644476	4.9643003	5.8353109	5.8521643
## 136	5.1291984	4.3311434	3.4799639	3.3604382	4.6933517	4.5871011
## 137	4.1280666	6.1333823	4.6367245	4.1471244	6.5305229	5.9254081
## 138	4.5351208	3.6470157	3.2359218	3.6515961	4.8583303	5.0171385
## 139	4.0307982	5.7728740	4.5818919	4.2740217	5.1520806	4.5617626
## 140	5.7896290	6.2513907	4.7108271	3.9868138	3.5288003	4.4604552
## 141	4.7193139	3.4545683	4.2930934	4.2304419	4.3663685	4.0843732
## 142	4.5980291	5.6949015	4.2936504	3.6372224	5.0319239	5.8951030
## 143	4.1539043	5.9128154	5.1808082	4.7237130	4.9157001	4.9006688
## 144	4.9188476	5.8144323	4.2527184	3.8344111	4.9652169	5.2347979
## 145	4.4450472	4.2439726	3.6601204	3.8688146	3.0598255	3.2392137
## 146	5.0295292	6.1570314	3.4688686	2.6389963	3.5101835	4.3947190
## 147	4.6738785	5.9622487	3.3225000	2.4985233	3.4550910	4.1927792
## 148	5.5314960	5.6013151	4.3842867	3.6772348	5.3373251	5.6368857
## 149	4.0491164	3.0964852	3.4467103	3.7776884	4.5532626	4.3559086
## 150	5.8017307	5.8283176	4.7586825	4.1250400	3.9253180	4.5197626
## 151	4.4582449	4.9913542	4.8843421	5.2717505	4.5490489	4.4134653
## 152	5.5194876	6.3770856	5.0800111	4.6065196	5.3100357	4.7511689
## 153	5.0749694	6.6102035	4.0826657	3.3574483	3.5115440	4.2500337
## 154	4.4299776	6.3946802	4.1713407	3.4607846	4.1114626	4.1204418
## 155	4.6358194	5.3086381	4.2291581	3.8416070	4.7685739	4.9518484
## 156	4.4237361	5.4003138	3.4736513	3.5405006	5.1512646	4.5565187
## 157	4.0255478	5.2733448	3.7482166	3.4369845	5.0162887	5.5917489
## 158	4.7037933	5.8671268	3.3800296	2.7947909	3.2389551	4.1670817
## 159	5.0470123	3.9093474	3.4529461	3.4443536	5.9064504	5.5223372
## 160	4.8575015	5.4297294	3.3398911	2.8391836	3.9554462	4.5611728
## 161	4.9422848	4.7279411	3.5979170	3.3880392	4.4955018	4.6230696
## 162	4.5506344	6.3532636	2.9734350	1.7403340	4.3194387	5.0917605
## 163	4.5839308	4.5232659	3.1558445	2.5723264	4.4600441	5.0398522
## 164	4.5938701	7.0608997	5.7325629	5.0510575	5.8801555	5.7119399
## 165	5.0581410	6.0316379	5.7022916	5.0851876	4.2622926	4.6240043

## 166	4.3534686	5.3550555	5.5406021	5.5567516	4.9856990	3.6307355
## 167	4.9506529	6.4036514	4.0826958	3.1308280	4.8506394	5.3759719
## 168	4.5315531	5.9723449	4.9201500	5.2578044	4.8614396	4.0086575
## 169	4.2707064	5.6718639	4.6790277	4.3549343	5.3258973	4.7487632
## 170	5.1579568	5.2580651	4.9731117	4.6742011	4.4894883	4.6562817
## 171	3.5553026	5.8126725	3.1649769	2.7239187	4.5391607	4.3654824
## 172	6.2647623	6.9712644	5.3233789	4.4086810	4.9824017	5.9381704
## 173	5.8089944	6.6228464	3.9231319	3.5300623	5.5905115	5.5057404
## 174	5.2109846	5.7266468	3.7360162	3.1562469	4.6646370	5.2496501
## 175	4.7176038	5.9649892	4.1907202	3.8792917	3.7509912	2.8438899
## 176	4.7030126	5.4981487	3.2609101	2.4938782	5.2366844	5.6471416
## 177	5.0020885	6.0061082	3.4958939	2.9447271	4.6156447	4.5701810
## 178	4.8066972	6.6297474	4.3447664	3.6539411	5.9011708	6.3290337
## 179	5.3305232	6.0969021	4.4426305	4.0495502	6.3887952	5.9255702
## 180	4.9838987	5.9455387	3.4859594	2.5219845	3.8213170	4.5481954
## 181	5.0317920	6.3466960	4.9812239	4.3402981	4.5281573	4.8165442
## 182	3.1166782	5.2426425	3.8320944	3.5166797	4.0410123	3.3793942
## 183	3.6849373	5.1481316	4.2288903	4.1249876	3.5446786	2.5338089
## 184	5.0754687	4.4936813	4.5407686	5.0608616	4.1291456	3.8113544
## 185	3.8298109	4.9875376	3.2708174	3.0093152	3.5958605	4.0475503
## 186	3.9018572	4.0658774	4.5541276	4.5376544	4.7091306	4.3275689
## 187	4.5759628	6.3306749	5.4821718	4.7487927	5.0389412	5.5824298
## 188	4.9022907	5.8889927	5.7641903	5.7994065	5.1446704	4.9297664
## 189	4.3257849	6.1487924	4.8461625	4.5089977	5.4466310	4.8878162
## 190	5.7031481	7.1396142	5.5131539	4.8552031	4.7202801	5.7046382
## 191	4.9501249	4.3131370	4.3527429	4.7885111	5.4452082	4.4260599
## 192	4.5649372	5.2848080	4.3167838	4.0920027	6.1719372	6.3737972
## 193	4.4034353	5.6888822	4.6124749	3.9440796	5.4559953	5.3238871
## 194	4.5470618	5.8927006	3.2242199	3.2022890	5.4141862	4.3549741
## 195	5.5729255	6.4820718	5.3935410	5.1872110	3.3916871	4.2603301
## 196	5.2367865	4.6198704	4.0297115	4.2315656	5.5977078	5.3547007
## 197	4.9798622	6.9767652	5.6092856	5.1525320	4.8242527	4.8727886
## 198	4.9929132	5.4722194	4.4468660	4.1507538	4.9337194	5.1195634
## 199	4.6432885	6.3374886	5.3727261	5.0258422	4.9961542	4.9076615
## 200	6.0027285	7.2541545	6.7939315	6.7304407	6.8186593	6.5132800
## 201	5.5308562	6.0956958	4.2079524	3.3666631	5.8155852	5.9408556
## 202	5.8333144	6.8388310	5.8584021	5.2539740	5.3134706	5.4833034
## 203	6.0909278	6.0044959	4.8366257	4.4526915	5.3206620	5.2840887
## 204	5.3545469	6.2484362	3.6892759	4.6221647	3.9551646	4.1701967
## 205	4.7102671	4.6388756	2.7678835	2.4473032	5.0641142	4.8450719
## 206	4.1135864	5.9078258	4.9452157	4.4332438	5.8333241	5.8226484
## 207	5.0547364	6.7463035	4.7179827	3.9359783	5.5723899	6.3669822
## 208	5.6871685	4.7749064	4.0770155	4.0702455	5.4885577	4.9497531
## 209	4.7377539	6.1491935	5.0569472	4.4762673	6.0373135	5.8231030
## 210	4.9438085	6.7497062	5.9380237	5.4036078	4.9350336	4.9070668
## 211	5.3554055	5.7261201	4.8615162	4.8628911	3.9574757	3.0726256
## 212	6.0278157	7.5854658	4.9077437	4.0622812	4.9328838	5.4701995
## 213	5.6390726	4.8685942	4.2242740	4.2805965	5.2729416	5.3180807
## 214	3.8248295	6.0984624	5.7674195	5.6100367	4.9111015	4.7724568
## 215	5.3006801	4.8574788	4.1285279	3.7713972	4.5455708	4.7866836

## 216	5.6922073	5.2695450	4.3978761	4.3566703	4.4463998	4.2956556
## 217	5.9151555	5.9437977	5.3927064	5.0181572	5.2936699	5.5222207
## 218	8.3692427	9.6286209	8.3430445	9.7148559	9.7873446	9.8450834
## 219	4.4551512	4.7719889	4.0616407	3.7746385	5.4485597	4.8160030
## 220	5.3445414	6.5049704	5.7420331	5.2874377	4.9114907	4.7925518
## 221	4.9950436	4.0245847	4.5046550	4.8135666	4.1814532	4.0969430
## 222	5.7026394	6.5663348	3.7925313	3.3981015	5.1907137	5.2681614
## 223	4.9377602	6.1061116	3.6986259	2.9916246	4.4394833	5.5036797
## 224	5.6479634	6.4757064	4.6954576	4.0812024	4.6187782	5.2588234
## 225	5.7316952	5.4404370	5.4292397	5.1935267	5.0930719	5.0492166
## 226	5.0804467	6.1085415	6.0295901	5.9051764	6.9672845	6.2655900
## 227	4.4478689	5.5931890	3.0526031	2.8502826	4.5486745	4.8550875
## 228	6.2725523	6.7554151	5.0826543	4.3772398	5.2217429	5.7491712
## 229	5.5365173	6.1324147	5.1026384	6.3579886	6.4070765	6.3970381
## 230	5.0065003	5.0502334	4.5665391	4.6039010	5.1406908	5.1073864
## 231	4.7923259	6.2644081	5.6763043	5.6756154	5.5261846	5.5668841
## 232	4.9158427	5.5637374	3.3712151	3.2127399	4.4891798	4.3796856
## 233	5.2775672	6.1025113	4.2556273	3.4789587	4.9675911	5.8750914
## 234	4.5317150	5.4589318	3.0572415	2.5262072	4.4190333	5.1473568
## 235	4.5814950	5.6610375	3.1881300	2.3720749	4.6517736	5.3165720
## 236	5.8606591	4.5518039	4.5643069	4.4736361	5.5176861	5.4967719
## 237	6.8877304	6.4501728	5.1357818	5.0031509	5.7170402	5.5647278
## 238	5.3851145	5.1567224	4.1343010	4.0772322	4.9725874	4.8659961
## 239	4.0325525	5.5320667	4.5723744	4.2194515	5.9263827	5.4002353
## 240	4.5182049	5.6918234	2.9644922	2.2892857	4.7477212	5.2493931
## 241	5.8625169	5.8342486	6.1280859	6.1496194	5.6788957	5.2653580
## 242	4.4682416	5.8349788	3.8780825	3.7379461	4.5003613	3.7343916
## 243	5.1585015	6.7246805	4.1560738	3.4777446	4.0204771	5.0882243
## 244	5.5045159	5.8251460	4.7495985	4.4288347	5.5825700	5.5451175
## 245	4.7952857	5.8161423	4.5639421	4.4294898	5.0273461	4.7495893
## 246	4.4948295	5.1736457	3.9365846	3.7816538	5.4740992	4.9915139
## 247	5.4637936	5.2685394	5.1985431	4.7528354	3.9224743	4.7721876
## 248	5.3161714	5.0566801	3.8026072	4.2914821	4.7026384	4.8450728
## 249	5.6198032	6.9314869	4.3763102	3.6118169	4.1524818	5.3019706
## 250	4.4241718	6.4425169	5.3837515	5.0498091	5.6865229	5.4104720
## 251	6.3683506	6.7848300	6.2448103	5.5411913	4.8145836	5.8392724
## 252	5.1434909	6.8004239	5.2844564	4.8073257	5.6178478	5.3322677
## 253	5.7741932	6.1729916	5.0140252	4.4857546	4.3429189	5.0761294
## 254	4.9146302	6.0473906	5.4545745	5.4020114	5.3536331	4.4876417
## 255	5.8732422	6.3166225	4.7772796	4.1127040	5.4693422	5.9901033
## 256	5.1208429	6.5611706	4.4855768	4.0748550	4.4804096	4.3476458
## 257	5.0476175	5.4902906	4.4050374	4.4374393	5.2560788	5.4527411
## 258	5.6165346	6.3758829	5.1165845	4.7842011	4.7535241	4.2779149
## 259	4.9377159	6.2638929	4.7737010	4.2247261	5.3401724	5.3096061
## 260	5.2082602	6.2099267	4.2270886	3.4645253	4.6272464	5.2654065
## 261	5.5917622	6.0048119	4.2971083	3.8221504	4.9056232	5.3099212
## 262	4.6439677	5.2862891	4.5443757	4.0073209	5.6596772	5.9680286
## 263	4.2097822	4.9356660	5.0408662	5.0382543	5.3761715	4.6413468
## 264	4.9037344	6.4333298	5.1018926	4.7420652	6.9332040	6.3185759
## 265	5.4892858	6.5020730	4.7296250	4.4298696	5.5566568	4.9484654

## 266	5.1177100	5.9224853	3.7250127	3.0409993	4.6489592	5.4559085
## 267	4.7621614	5.6354120	4.5473122	4.5071979	3.4025398	4.1508763
## 268	5.0297871	6.3875535	4.2545870	4.1347363	5.9579079	5.4720310
## 269	5.1554616	6.9705150	5.6337121	5.0774915	5.5928804	5.6835217
## 270	5.3494192	6.8913924	5.4688311	4.8716618	5.2520564	5.3951092
## 271	5.1848806	7.1270655	5.3239029	5.0503989	4.2356863	4.3013347
## 272	4.7326341	6.7198090	5.4727834	4.9578586	5.6652951	5.4832608
## 273	5.0443821	5.6852437	4.7546320	4.6071258	5.5175447	5.5567172
## 274	6.0433845	6.9437440	4.9472014	4.1934827	5.0999705	5.8541009
## 275	4.4525872	6.3682642	3.7923524	3.4136408	5.2929193	4.6650251
## 276	6.0041354	6.6826739	5.9798502	5.4391174	4.8194984	5.8403630
## 277	5.6267172	5.6349281	4.8706309	4.7216674	5.5222688	5.6461529
## 278	5.9201549	6.9237424	5.0872802	4.8822294	6.2448736	5.2964155
## 279	4.5451930	6.4889717	5.2087852	4.5863073	5.8174739	5.7257077
## 280	5.0713203	6.0519580	5.6878325	5.4916194	5.7445426	5.6739627
## 281	5.8342441	6.1090582	5.4009853	4.9516766	5.8534509	5.3098376
## 282	5.5076035	6.6241215	3.7669495	4.2801754	5.5836770	5.3078216
## 283	5.5000996	7.0694163	4.7363937	5.3349563	5.3015821	5.9628540
## 284	5.4232731	5.9327252	4.0008800	3.5149327	4.5572767	4.8859452
## 285	5.6056862	5.9425498	4.2566045	3.5910299	5.3726996	5.9745982
## 286	4.7740095	5.4834314	4.5523442	4.2106461	5.6212645	5.4165973
## 287	5.6832803	5.5642316	4.1497560	4.1321839	4.8911109	5.2292428
## 288	5.8278548	6.8965602	6.8032198	6.3132747	6.5789637	6.8945472
## 289	5.2475910	6.3996043	5.3056000	5.0607212	5.8562541	5.3366163
## 290	6.1546164	5.0674777	5.1455033	5.2235167	6.8501897	6.5168190
## 291	5.5282153	7.6086368	5.9468744	5.2580377	6.3250242	6.3238219
## 292	5.8265191	6.2254669	4.3349023	4.1447686	5.2170493	5.3681871
## 293	5.2265749	6.5513361	4.7942757	4.3553801	4.8875162	4.8281903
## 294	4.5286906	6.2476885	3.9527382	3.5757903	5.5097585	4.8361967
## 295	5.8522231	7.3978976	4.9955166	4.7496328	5.0735948	4.3196071
## 296	5.6585327	6.4839165	5.3009293	4.8256591	5.4824307	6.0461648
## 297	7.6929171	8.0193500	8.3685465	7.8157026	7.9051710	8.4154736
## 298	6.1688830	7.6772311	5.0333245	4.3626104	5.1800974	5.9384863
## 299	5.5620072	6.3049812	4.5723698	4.2982853	4.8382008	5.6211474
##	61	62	63	64	65	66

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## 62 8.7292071
## 63 9.0673828 4.8039394
## 64 8.0550125 4.8794917 3.7069190
## 65 9.7352460 4.8864616 4.9568693 5.3168575
## 66 9.7551466 4.3696633 4.3230083 5.9549977 7.1534002
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## 67	8.7407086	4.4358619	5.1409211	4.7864508	6.5884736	5.2044045
## 68	9.2164608	5.3433996	3.3909288	4.1608809	6.7136388	4.4526516
## 69	8.9665553	4.0332563	4.0390084	3.5037026	5.6657054	5.0726287
## 70	8.4288758	5.0375843	4.7077132	3.8689178	6.6340550	5.3218130
## 71	8.9482914	5.2324811	1.7935612	3.3133256	4.7501523	5.4394301
## 72	8.7642172	5.3625078	2.5053685	4.8519386	5.5743543	4.6611980
## 73	5.7778387	7.5346392	6.9925434	7.5183383	8.3959790	6.9428762
## 74	9.3054196	5.2516172	2.8005663	5.1984996	4.8811826	4.7885149
## 75	8.6079065	4.5479815	3.0229085	4.2433482	6.6160504	2.8883697
## 76	9.2112093	5.1716955	3.2956438	4.1854171	6.7811557	4.0927646
## 77	9.6420990	4.7162611	3.9222568	5.3721672	4.1704509	6.5089952
## 78	8.6334479	4.8258218	3.1882986	3.5770007	4.5560830	5.5893336
## 79	9.2289092	5.4166728	4.3675825	6.2918983	6.5430737	5.4425997
## 80	8.6478912	3.4887311	3.8370197	4.0639818	3.8511440	6.2797639
## 81	9.3417118	3.7572450	3.4222452	4.3996828	4.0669510	5.0766172
## 82	9.0166356	4.9011535	1.7677379	4.3672798	4.3383015	4.6612912
## 83	9.2073495	3.8842979	5.2266347	5.4469473	6.2936750	4.4006765
## 84	9.7440355	4.5206222	4.6640634	5.9888268	5.4583203	5.4648533
## 85	8.3308286	4.2287489	5.2363970	4.5490746	6.4211379	6.2198806
## 86	8.9286912	4.9486222	2.9947894	2.8584658	3.7644627	6.1638716
## 87	8.8050989	3.5815182	3.1466919	4.2433292	5.0118757	4.8793237
## 88	9.1121867	5.3619599	4.7679715	5.1707911	4.8666176	7.0494110
## 89	8.3954634	4.3740604	3.7847718	4.2226765	5.0086107	5.9701865
## 90	8.9895057	5.0218932	3.9563453	4.4088286	6.2395834	6.0113197
## 91	9.2396058	5.3506099	2.6491865	4.9845998	5.1715582	4.8916265
## 92	8.0869982	4.6038429	3.5124133	4.3981707	4.4643987	5.1971245
## 93	9.0590374	3.9578351	3.8912228	4.2906477	1.7260898	6.1355704
## 94	8.9098891	4.0491245	3.9422098	3.9281734	6.0997703	3.7912586
## 95	8.5482076	4.3777234	4.3362404	4.4562319	4.9449452	6.7080880
## 96	9.3206527	4.8122643	4.2386903	4.7605721	4.2661425	6.6017372
## 97	8.3183390	4.6457599	4.4559774	5.3186461	6.4305145	5.3856706
## 98	9.9585139	4.6535885	4.4306464	5.3114480	3.4310024	6.2374864
## 99	8.7161334	4.3867863	4.8083165	5.2788765	6.0255343	6.1877835
## 100	9.2980622	4.8980833	4.2446071	4.9062834	4.7859127	6.1215285
## 101	8.9034636	5.2807166	3.2596880	3.7406365	5.8302666	5.4912468
## 102	8.5886965	4.1222341	3.6147820	4.5823345	4.8939801	5.4789060
## 103	9.1067268	6.0690429	2.8896680	4.9616333	6.5797619	5.1344157
## 104	5.2385901	7.0950115	5.4096189	6.0138104	7.0946045	6.9990943
## 105	9.2137613	3.7545649	4.1835771	4.4425004	3.9821673	6.3880153
## 106	9.2957904	5.7358994	5.8526833	5.6303670	7.3777250	6.9724734
## 107	8.3711721	4.1251134	2.4700719	3.3272164	3.7381125	4.9057054
## 108	7.2648979	5.3760920	4.1298756	4.4497542	5.3985551	5.9344370
## 109	8.5146175	4.6916973	1.8664282	4.4546483	5.0067838	4.0372302
## 110	9.7648388	8.4643448	6.5271154	6.0499508	8.0603203	9.0457213
## 111	9.8719343	5.2010119	4.2841556	5.4836432	5.4310496	4.8576802
## 112	9.2097535	4.5205522	1.0265212	4.2462248	4.9857594	3.7009603
## 113	8.3173614	4.5883651	3.2368074	4.0116210	5.5356799	4.6822285
## 114	9.5582860	4.3578379	5.0011084	4.5992626	4.1292326	6.1977956
## 115	8.5080633	4.6797669	5.2272789	6.1623030	6.0609528	5.6985134
## 116	9.2959540	4.3332755	3.7890688	4.6391538	4.2560485	5.6289054

## 117	9.3280653	4.5311151	5.1916442	5.7937300	4.2027503	6.9802560
## 118	10.4442856	6.0737858	5.9066207	6.1482325	5.3573654	7.4571875
## 119	9.4691568	4.8398132	5.2155319	5.8258170	4.4188618	7.1385722
## 120	9.1425915	3.8396779	4.7546835	4.9916529	5.4840179	4.7162050
## 121	9.1549892	4.7913993	3.8564348	5.6940935	4.7564583	5.5724221
## 122	9.2376760	4.2435205	4.8950171	5.8730574	5.4636322	6.0420392
## 123	8.9790062	4.5226326	3.7045848	4.3657204	4.4122307	5.8591844
## 124	9.0561615	4.8020376	4.6639270	5.1295369	5.7750015	6.5950799
## 125	8.7723348	3.4695932	4.2066516	4.2366376	5.3629705	3.4637155
## 126	9.3187490	4.0125881	4.1007323	4.7352440	3.3247066	5.7839990
## 127	8.9197381	3.3386228	6.1371981	6.3827391	7.1605532	4.7505815
## 128	9.4082190	5.0437464	4.7405472	5.2253656	3.5943438	6.7893715
## 129	8.7575779	4.4002520	2.4038378	4.6509923	5.8003873	4.5760200
## 130	9.1208367	5.7680959	4.4712340	4.6476655	5.9892004	6.1378392
## 131	8.1219949	5.3134693	4.0679930	5.3817437	4.7836583	6.3868351
## 132	9.6959451	6.0799378	6.4531723	7.2061431	6.9240928	5.9455274
## 133	8.2903510	2.9117526	3.8799491	4.3291469	4.0182034	5.7419388
## 134	9.3494075	5.4411124	3.4241917	4.6597826	4.7279672	6.5595875
## 135	6.4307250	6.8708317	5.1250259	6.4103045	7.0451878	6.3290235
## 136	8.7827181	4.6297070	2.8987386	4.0406912	4.7413064	4.9251338
## 137	9.8261983	5.0865367	4.8569682	5.7512203	3.9243265	6.5385475
## 138	8.9530159	4.7637649	4.0741774	5.1783200	6.1321106	4.3807912
## 139	8.8545597	4.1819758	3.7932343	4.7455749	4.6150373	5.3141732
## 140	7.2850127	4.0337866	3.4945982	4.0470404	5.3454947	5.3672542
## 141	8.4988576	4.2226388	3.9789736	4.1144295	5.5741370	4.2834909
## 142	9.0101610	4.6382596	3.8766031	3.8633301	4.5003880	6.2339398
## 143	8.5064169	4.1715377	4.1335969	4.7758216	4.9286930	5.4023992
## 144	9.2468331	4.1168849	4.3058430	4.8382427	4.8289254	6.3434559
## 145	8.2207873	4.9053796	4.2438786	4.6868925	7.0899153	4.9566919
## 146	8.9629800	5.1830296	1.0863685	3.5334031	5.3456384	4.8205999
## 147	9.1157055	4.7746207	1.1994894	4.1804134	5.3138582	3.9790202
## 148	8.1683699	4.8269874	3.5631652	4.3106990	3.3759405	5.8048121
## 149	8.8408245	4.3772342	4.3343697	4.5371864	6.2165331	4.0471828
## 150	6.7923239	4.1802219	3.8877436	4.5564681	5.3380583	5.4593809
## 151	9.0372476	2.2374184	4.8845302	4.9818534	5.0339496	4.9096375
## 152	8.9809479	4.7691214	4.2948061	4.9324218	4.3438507	6.5039722
## 153	9.1489604	4.0865492	2.7671219	5.0623822	4.9163926	4.6149479
## 154	7.3023600	5.3367758	2.8769009	4.5318169	5.4676345	4.9920921
## 155	9.0500471	3.7981564	4.3961634	5.2347971	5.1571852	5.8329001
## 156	8.8887017	5.3801719	3.8729806	4.6152330	6.1326557	5.3520898
## 157	9.3353494	4.0392334	3.7782241	4.4445803	4.4513044	5.3882588
## 158	8.9190728	4.8151795	1.4098485	4.0585388	5.6087990	3.9603486
## 159	9.2937583	5.4018418	4.3887302	5.5599396	5.2348678	5.6265616
## 160	9.1197898	5.0842055	3.3319256	4.7339175	5.4332203	5.8837434
## 161	9.1389831	4.1429724	3.9963258	5.0565259	5.3569296	5.2943211
## 162	9.4247012	5.3422850	2.4781289	4.5345960	5.4238024	4.9201824
## 163	8.9803403	5.7610965	3.1253265	4.4749607	5.5639592	5.7098491
## 164	7.4750910	5.2798587	5.6289975	5.2144233	6.0292395	6.4037163
## 165	5.9218419	5.0404531	4.6224397	3.2935869	6.0019137	5.7372935
## 166	8.4266743	3.6522388	5.3868276	5.6135452	5.9859598	5.4817258

## 167	9.6187420	4.9331655	2.7435314	5.0426197	3.8056786	4.9609048
## 168	9.0899030	4.4692890	4.7221449	5.1671413	6.8582626	3.5375112
## 169	8.6150955	4.4911407	3.9135370	4.5808142	4.4065458	5.8188159
## 170	8.4913650	3.4924128	4.3445362	5.2038103	5.0568246	5.6130414
## 171	8.7159865	5.4431407	3.2141364	4.9669342	5.7516443	4.9447655
## 172	6.0102922	6.3653602	4.2293120	4.9700834	5.9123514	6.4799431
## 173	9.9289312	6.0078919	4.2669181	5.6934801	5.4836726	6.8025812
## 174	9.1701557	5.1939021	3.4888187	4.2132777	6.0506334	5.2020756
## 175	8.6707233	4.9748390	3.2760967	5.1210753	6.0089951	5.2514282
## 176	9.7494556	5.6943204	3.2727409	4.8444490	4.4158282	5.9775911
## 177	8.7059136	5.1649917	2.7919707	5.3570360	5.4049553	4.2146832
## 178	9.8085447	4.6400143	4.2124893	4.9205389	3.7880050	6.1706425
## 179	9.4762301	6.1884635	4.5584084	4.7359859	4.7291242	7.1811516
## 180	8.5262066	5.1552851	1.5036704	3.7239844	4.7978041	5.0251278
## 181	8.2025058	4.9048267	3.5522285	3.8941593	5.2911564	5.4377440
## 182	8.9078607	5.2811827	3.9362029	4.8262865	6.8089315	4.2668999
## 183	8.4903237	4.9751959	3.4824515	4.4029311	6.5957130	3.8728646
## 184	9.0032531	3.3323387	4.6202372	4.8751976	6.0334818	4.2736284
## 185	9.1797666	4.9460359	3.4301034	4.3501645	6.5332071	3.8759799
## 186	8.6261884	5.0528210	4.7192998	4.0889907	6.3770006	5.3817787
## 187	8.9843440	3.2896949	4.4950660	4.4937305	3.8982765	5.0868608
## 188	7.1208640	5.1526312	5.2427596	3.9847366	6.3285257	6.3619858
## 189	9.1209938	4.3051912	4.9734404	5.7737082	5.3244538	6.2522988
## 190	8.8744895	3.7384749	4.2351273	4.3601057	4.0016576	6.4950214
## 191	8.7695105	5.3446082	4.3200773	5.1884434	5.9724238	5.3532087
## 192	9.9335517	4.6692012	4.6358760	5.3294976	3.5102417	6.3260647
## 193	9.1675610	5.1344511	4.4267447	5.3613358	5.4014050	5.4752163
## 194	9.5394380	6.3732477	3.7982018	5.5937590	6.7305508	5.6034375
## 195	8.3040029	3.4637572	4.6073778	4.5625161	6.6059234	4.2334758
## 196	9.3132128	5.5541775	4.7160668	4.2113348	5.9254014	6.0337584
## 197	8.2768199	3.8467454	4.6087103	4.9898022	4.8513824	6.2195538
## 198	9.2329657	4.3269642	3.5508750	4.3522914	4.8537464	5.4106116
## 199	8.5099199	4.5555966	5.2435771	5.7659693	6.4376038	6.1706253
## 200	10.0102929	6.5928869	6.5867974	8.5196228	7.8718419	5.2449637
## 201	8.5496502	5.4773083	4.3745446	5.4103652	5.2421034	5.7575930
## 202	8.6315906	4.9278843	4.7898578	4.9341391	4.4411467	6.9031010
## 203	9.4330256	4.6547218	4.2242228	5.1031154	4.3708183	6.2561202
## 204	9.4430380	4.6056078	3.7381465	5.6460359	6.6863677	4.1276118
## 205	9.8615388	5.9053266	3.3271993	5.3473083	5.9331110	5.3442316
## 206	9.1621182	5.0077651	4.7295502	5.0030601	4.5734712	6.5631923
## 207	9.5059480	4.8675020	4.2222189	4.4438490	4.4231133	6.4157189
## 208	9.6252889	5.2826195	3.8300389	5.1995480	5.6325012	5.1745074
## 209	7.4749303	5.6362884	5.0450256	5.1464281	5.2615840	6.9641243
## 210	8.1433251	3.7977047	5.0403354	5.7751156	5.3300606	5.8935771
## 211	8.7629485	5.7395809	4.1811762	5.5973698	7.3920773	5.6163092
## 212	9.2839987	5.1672901	3.7706877	5.3843976	4.5371216	6.1749905
## 213	9.6504378	6.1371431	3.7113485	5.0062087	5.5691917	6.1684626
## 214	8.9008457	3.5308146	5.8239493	5.8506097	6.3844232	5.4454934
## 215	9.0796721	4.5750987	4.2662880	5.1167077	5.8162387	5.6452705
## 216	8.7646904	4.1686265	4.0115668	5.2182229	5.7005488	5.0095056

## 217	8.3780684	4.5922950	4.7148746	4.8667599	4.5159026	7.0042335
## 218	12.3624143	7.6105498	9.6704033	9.6950225	8.7016098	8.8616233
## 219	8.4120721	5.4509910	4.3863079	5.2276616	5.8643199	5.5877790
## 220	8.2159994	4.6127672	4.7331204	4.7521517	5.3390000	6.8432974
## 221	8.6488661	4.4137965	4.2697561	4.3207143	6.6387178	3.8461701
## 222	9.7532615	5.9123554	2.7914694	4.5647519	5.0338361	5.8740160
## 223	9.3509845	5.7356374	3.1378978	4.3227387	5.6784518	5.6918752
## 224	8.8660342	4.6586153	3.5002783	4.6495030	5.6229476	4.5347129
## 225	8.2998579	5.9838943	4.4462026	4.2445919	6.3832091	6.4893782
## 226	9.8090120	5.1767426	5.8588733	7.0368361	4.9103487	6.2335114
## 227	9.7605046	5.3515392	3.3659244	5.6241368	6.4278083	4.0411265
## 228	7.0576475	5.4536476	5.0597397	5.4691407	6.2149291	6.5352011
## 229	10.3675333	4.7657408	5.6885712	6.7168645	6.6622072	4.8277297
## 230	9.4068733	4.4178543	4.0787618	5.1027030	5.5509192	5.0852475
## 231	9.8805032	3.6116586	5.3898474	6.1539225	6.1044988	3.8406089
## 232	9.6729673	5.1474677	2.6473421	5.2733772	5.7162719	4.0407641
## 233	9.2042705	5.0824802	3.7622094	4.2106019	5.1873583	5.6517529
## 234	8.9289632	5.4642918	3.0189733	4.5966839	5.4882246	5.2068627
## 235	9.1372054	5.4753851	3.0340886	4.6877795	5.0924956	5.3846861
## 236	9.4655775	5.4383848	4.9338398	5.3916180	5.6906665	6.8056018
## 237	9.5148587	5.8396182	4.6075413	4.8178137	5.6166377	7.2418754
## 238	9.3872998	4.6882621	3.6474620	5.1380414	5.7005118	4.2920171
## 239	8.9243030	5.0637801	4.7534630	5.4488829	5.1091529	6.1826403
## 240	9.5413271	5.4195664	2.9644499	4.8372557	5.1254226	5.1916855
## 241	9.0457719	5.5041892	5.5694254	5.4871796	6.2544143	7.4595376
## 242	8.7653187	5.5258628	3.0914631	5.1195249	6.1229862	4.6685391
## 243	9.2878131	5.0454980	2.4265910	4.3931183	5.2524241	4.6651497
## 244	8.7457292	4.9018010	5.0330308	5.5679423	5.5330479	6.7740303
## 245	8.4852684	4.7387244	3.8230971	4.6351032	5.1180233	5.0616170
## 246	9.1210145	5.4195308	4.1603941	4.8222543	5.5697219	5.7728594
## 247	6.9359904	4.7329416	4.2532034	3.2476182	6.1276607	5.0906301
## 248	9.2219185	4.6050938	3.4934752	4.5733613	5.8429840	4.2876304
## 249	8.7719037	5.6003087	2.5517526	3.7958833	5.3693672	5.6090427
## 250	9.2788707	4.2712655	4.6332425	5.6609496	4.7533293	5.3727324
## 251	6.7889666	4.9388417	5.1464356	4.8661724	5.7348007	7.1214104
## 252	8.7309534	5.1939234	4.2684986	4.5176212	5.0189639	6.4833315
## 253	8.8323182	3.9057597	3.9680005	4.7516954	4.7424633	5.4990542
## 254	9.2020169	4.1161424	5.0552965	6.0884318	5.7274028	5.7882164
## 255	9.1388420	5.0035135	4.6505101	5.0275639	4.4955840	6.7996872
## 256	8.8591865	5.9771914	4.2383488	5.2045876	6.7498072	6.4719027
## 257	9.2146758	4.3674276	3.8106061	4.3905138	4.4876622	5.6623373
## 258	8.6371894	4.8339919	4.2400884	4.7883737	5.6325352	6.0976780
## 259	9.1201445	5.5751782	4.4613897	5.1047636	6.2833429	5.6932865
## 260	9.5440647	5.2626901	2.7870959	4.7047283	4.6295311	5.2457446
## 261	9.2717711	4.7588303	3.1707316	4.0780854	4.6954399	5.2195382
## 262	9.2723052	4.7098663	4.5722595	5.3586275	4.8383439	5.8954246
## 263	9.1840297	5.1174750	5.4203501	5.8130734	7.0944996	4.5759942
## 264	9.9523946	5.7642121	5.3148658	5.9329830	4.5590631	7.1702075
## 265	8.7991762	5.5081867	3.9796394	4.7397556	5.4898038	5.8016672
## 266	9.2907447	5.9777217	3.3112340	4.4874577	5.8722126	5.8938369

## 267	8.2395187	4.8496427	3.8301577	4.5905872	6.8153460	3.5356974
## 268	9.4300240	5.7127727	4.5102540	5.2728952	5.8416954	5.9295550
## 269	8.6524126	5.0702389	4.4722996	4.5475348	4.7771317	6.5647795
## 270	8.6470290	5.0626987	4.3301269	5.0855047	5.4805851	5.3944309
## 271	8.6585224	5.0021439	4.4458279	6.0662574	6.5873543	5.0443389
## 272	8.8841090	4.5869993	4.5417676	5.2982039	4.6835881	5.8347679
## 273	9.6117925	4.2481564	4.2117290	5.3526495	4.7670814	5.2107253
## 274	9.3123642	5.1138402	3.5030373	4.0129327	4.7854411	5.7830214
## 275	9.4938570	6.0862131	3.9452613	5.8194057	6.5977132	5.2470855
## 276	8.6097368	4.3497790	4.8219028	4.7405258	5.0232559	6.8095356
## 277	9.0785462	5.1553163	4.1848052	4.4506822	5.1077026	6.3794961
## 278	9.3883178	5.9502484	4.6725572	5.8022585	6.1191880	5.8880829
## 279	8.5804615	5.2760356	4.9808761	5.4834137	5.6875115	6.2961545
## 280	9.1408342	5.2001076	4.8381494	4.9455672	5.1928868	6.6090245
## 281	7.0661444	5.9618943	4.8557394	5.4041640	5.8954851	6.3054247
## 282	9.9325152	5.5737046	3.8937684	6.1800294	6.1250814	4.3404480
## 283	10.1271181	5.2616493	4.5335728	6.3868208	6.6157209	3.8846911
## 284	8.2338391	5.6208979	3.0777523	4.8309102	5.6151012	5.1974435
## 285	9.4096609	5.5770700	3.9167810	4.1533189	5.2077508	6.2751035
## 286	9.0960385	5.5794836	4.5211764	5.0151462	5.6041733	6.0828314
## 287	9.0595302	5.0114421	3.3491311	3.8889191	5.2040954	5.4066560
## 288	9.1950769	5.8053201	5.8389503	5.7548607	4.8839760	7.5780055
## 289	8.6398415	5.4160474	4.6097247	4.9297985	5.3811760	6.5575323
## 290	10.1136446	6.6633703	5.6052715	5.8159509	6.4407649	7.6622908
## 291	9.0956388	5.3483154	4.8699670	5.0905658	3.9929058	7.0533139
## 292	9.3162191	5.0475677	3.5942747	4.6168169	5.3697781	5.1560414
## 293	9.0319716	6.0984944	3.5373694	4.6413512	5.8671218	6.0812876
## 294	9.7142932	6.1687666	4.1255869	5.9745059	6.4868363	5.4517747
## 295	9.3986152	5.9315166	4.2486454	5.7451262	6.5221074	6.2241824
## 296	8.0630769	4.8642662	4.4211869	4.6834811	4.7245561	6.2339317
## 297	8.7640721	7.7930011	7.4280154	6.5969806	6.4095752	9.6621150
## 298	7.9563744	6.0262228	3.9922650	5.3329032	5.9175061	5.7349980
## 299	9.4708072	5.6198175	3.4751762	4.7989271	5.3138003	5.6186510
##	67	68	69	70	71	72

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## 68	4.6296491					
## 69	4.0474905	3.6575197				
## 70	4.6536314	4.4950234	4.2695695			
## 71	5.4703914	4.2567074	4.8157495	4.7725049		
## 72	4.8833602	4.1892345	4.6520514	5.1741494	3.6357586	
## 73	8.2298303	6.6899014	7.1550790	7.4441501	7.6471107	6.9075824
## 74	5.5276406	4.4432112	4.9498604	5.1722322	3.8572880	1.5875122
## 75	4.8034423	2.5387891	3.5589314	3.8987934	4.0486103	3.8297457
## 76	4.0463473	1.3633785	3.8444333	4.9078718	4.1399766	3.9257469
## 77	6.6259401	5.1383159	4.8158315	6.0483939	4.2305075	4.7557765
## 78	4.2894822	5.0463263	4.5183445	4.3182783	3.2856820	2.8851730
## 79	5.6246139	4.3190317	5.8445011	5.1511716	5.0798929	4.0962329
## 80	5.1968004	5.2146436	3.7939668	5.1246183	3.8985250	4.7515812
## 81	4.8585182	4.5334241	2.9214040	4.3882194	4.1436274	4.3172383
## 82	5.9421075	3.7463598	4.4241141	4.9280322	2.7530749	2.9406362
## 83	2.2929276	4.4845730	3.9812450	4.3571921	5.9291451	4.9074301
## 84	6.0645729	4.7498080	5.2433475	5.8502632	5.6277686	4.9999654
## 85	3.0587479	4.3363209	3.7240305	4.4253119	5.5330354	5.1364977
## 86	5.6161078	4.7671496	4.3792745	4.2289963	2.4768074	4.4070989
## 87	5.0855465	4.6811126	4.1817393	5.1156498	3.9129166	3.7330894
## 88	5.7884287	5.1839509	5.5831381	5.2868510	4.9570181	4.6510948
## 89	4.7733733	5.3993918	4.9537937	4.7838719	3.9001985	3.4866043
## 90	4.8171363	4.1081123	4.3861137	5.7165925	4.6093672	4.4446150
## 91	5.4763775	4.0718336	4.7449137	4.4361650	3.5644686	2.0459019
## 92	4.8467461	4.9441686	4.6588411	3.6491632	3.8977488	3.2393088
## 93	5.2616080	5.7859774	4.5181507	5.6661990	3.7307869	4.6585747
## 94	3.4255400	2.7946421	3.4724159	4.1233704	4.7170324	4.5266107
## 95	4.7122475	5.4113221	4.0335332	4.6527397	4.4689360	4.3017878
## 96	5.9265886	4.9062962	5.2297423	6.0673952	4.5327368	4.7963217
## 97	4.2024234	4.5154925	5.0312756	4.4427196	5.0892872	4.1453424
## 98	5.3846657	4.8198345	4.3958134	5.7233917	4.9246202	5.0257271
## 99	3.6385862	4.8762408	4.4417582	4.6413203	5.1600093	4.7598971
## 100	3.6233011	4.4914117	3.8770686	4.9449243	4.8083176	3.8475367
## 101	4.4335170	3.1196590	3.6941598	4.3959320	3.8907625	4.1709902
## 102	6.0108252	4.6176072	4.2353387	4.8179438	4.4081887	4.2672784
## 103	6.0726492	3.5059913	4.0042067	5.7332897	4.3831725	3.1269162
## 104	7.0999485	6.5660038	6.8304364	7.3765860	5.5058707	5.4825897
## 105	5.6808232	5.4383752	3.9455487	5.5021907	4.4754508	4.9856280
## 106	6.2339293	4.7239876	5.4073738	4.9206445	5.6860078	7.0597817
## 107	5.0388550	4.3800600	3.8948536	4.3502946	2.9272186	3.4578788
## 108	3.8903073	4.7920232	5.1362962	4.9496333	4.3319843	3.5830473
## 109	5.5249344	3.7211423	4.5095072	4.4571148	2.6996998	3.1413146
## 110	8.0535051	7.3276724	7.8259454	5.3477548	5.3480896	7.5728675
## 111	6.8181158	4.1879818	4.9917228	4.9976889	5.0111900	4.9700607
## 112	5.0945821	3.6111974	4.2979769	4.7631921	2.3052704	2.5671191
## 113	3.8128127	4.7019720	4.2446275	3.5630980	3.7357322	2.9211993
## 114	5.1238351	4.3579476	3.9236813	4.9235805	5.2165979	5.7671442
## 115	5.1944949	5.5857897	6.1771134	4.7792678	5.5292728	5.1492084
## 116	3.9842037	4.2459424	3.5485851	5.6832835	4.4616347	4.1928291
## 117	5.1523669	5.7271046	5.3714291	5.7455703	5.3798492	5.0033274

## 118	6.9980326	5.8311202	5.5583834	5.5701673	6.0909541	6.8951475
## 119	5.3182903	5.6353885	5.1600955	6.1138225	5.6202141	4.8219097
## 120	5.1593908	4.3002114	2.6534844	4.3492743	5.6833517	5.2437851
## 121	6.2632256	4.6068351	5.8840584	6.3132602	4.3459913	4.3718685
## 122	4.1635126	5.0729422	4.6004101	5.5818105	5.6224145	4.3491631
## 123	4.0005682	4.9327187	3.3388152	4.5164848	4.2400021	3.2607294
## 124	4.7210991	4.7986805	4.0249084	6.5157509	5.3517600	4.8614978
## 125	5.0151685	4.5448770	4.0284407	4.2151899	4.9305248	4.8067262
## 126	4.2090198	5.0666876	4.5805874	5.7036517	4.1734611	4.7772382
## 127	4.1394485	6.4188700	5.5375864	4.8541833	6.4768759	6.0636634
## 128	4.7085681	5.3458239	4.9495764	5.2527001	4.8225679	4.6189212
## 129	5.5770893	3.9021476	4.5857698	4.9927940	3.1888924	3.4219561
## 130	4.6070422	4.8678798	5.0142391	5.0688358	4.9021108	4.2365894
## 131	6.3903753	4.8928782	6.0785839	6.5445505	4.1624153	4.5549494
## 132	6.4533450	6.8509125	7.1064723	6.0964815	6.9753639	6.3343537
## 133	4.7473917	5.4342490	4.0690484	5.3420654	3.9966147	4.6060958
## 134	6.9847275	4.9032894	5.2923201	6.0271127	3.6160138	4.3142728
## 135	7.4312947	5.6343127	6.0857847	6.6965623	5.9129972	5.1196964
## 136	5.4776757	3.9888807	3.5384074	4.2176030	3.8822705	3.6705122
## 137	4.8452997	5.3443710	4.8841280	5.8377888	5.3880485	4.3347899
## 138	4.7265343	4.0294764	4.7034203	4.3107023	4.8099907	4.8364145
## 139	3.8362595	4.9550288	3.4763341	4.3233636	4.4642024	3.2983480
## 140	5.1063578	4.9337522	4.4438123	5.2232736	3.9450277	3.9725319
## 141	5.2605239	3.6053753	3.2203502	3.7351019	4.8860397	4.5198330
## 142	3.8519379	4.4663480	3.8942689	5.0110883	3.7074675	4.8830606
## 143	3.6674860	5.4183496	4.2504488	3.9209045	4.2702602	4.1016632
## 144	4.6778664	4.5785963	3.9591552	5.8028595	4.7714250	4.8621509
## 145	5.2534479	2.5298004	4.4740439	4.6889113	4.8301033	5.0084655
## 146	5.1011905	3.5706164	4.1486769	4.8961075	1.6998111	2.7539986
## 147	4.9710982	3.6389162	4.3002746	4.9327942	2.2947861	2.5469180
## 148	6.1282134	5.0741866	4.6760544	5.2726097	4.0117976	4.0646026
## 149	4.3308896	2.8595570	3.6115181	4.1731910	5.2715367	4.7978259
## 150	5.6133421	5.0690295	4.6673228	5.2574783	4.4547617	4.2454475
## 151	5.2137639	4.9209626	3.4302583	4.9031080	5.5894493	5.3933304
## 152	5.9900651	5.6339519	5.2547000	5.1477926	4.6104801	3.9689506
## 153	5.8188349	4.7389312	5.2701330	5.7960548	3.3426915	3.4527321
## 154	4.9405744	4.5886944	5.0952780	4.6254049	3.1966880	2.2134804
## 155	4.5201462	4.5306764	4.0525547	5.5616113	4.9960680	4.9088020
## 156	3.6690358	3.9878977	4.3591782	4.4933881	4.6357166	3.3313882
## 157	3.6345948	4.3054402	3.7596087	4.9767277	4.0794975	4.6106494
## 158	4.8663841	3.6627585	4.3310884	4.6675210	2.1930215	2.8808310
## 159	6.0080535	4.2536461	4.8440518	5.3544266	5.3120520	4.7737148
## 160	5.8149995	3.7931347	5.3006780	5.3383266	3.3945333	4.4661794
## 161	5.1775881	4.2302336	4.7855124	5.1405536	4.6603847	4.6153666
## 162	4.6824473	3.4775996	4.9335605	5.8351610	3.0090239	3.2059572
## 163	5.6430411	3.3440681	5.0971089	4.5779333	3.0381126	4.5032561
## 164	3.5395449	5.2348722	4.5148407	6.2048931	6.1338492	4.7423141
## 165	4.2333220	4.9956100	4.5354631	3.6745773	4.5363056	4.4143232
## 166	4.8489882	5.1364052	3.7781758	4.7600770	6.2294020	4.8455230
## 167	6.2119456	4.8617399	5.4341584	5.7599574	3.0991124	3.5274803

## 168	3.8705911	4.7907421	4.2546634	4.5407702	5.7481615	3.9229626
## 169	4.3030620	5.0008396	3.5325660	4.2619051	4.4213336	3.5513437
## 170	5.3394391	5.1935702	3.9846698	4.9921933	4.8931576	4.9770715
## 171	4.2928775	3.8556369	5.3047281	4.7339207	3.5761178	2.8646027
## 172	6.6997214	5.4984004	5.9017797	6.1669676	4.1963163	4.6889491
## 173	6.8865607	4.5946833	5.7200720	6.9315571	4.8697161	4.6171725
## 174	3.9418741	3.8310344	4.2435385	5.2217623	4.0870393	4.0539624
## 175	5.5069657	4.4430130	5.0453017	4.6007806	3.8869987	2.9426569
## 176	6.1134641	4.0057088	5.4648589	5.5718267	3.2968521	4.3276985
## 177	5.9342560	4.1846432	4.7408834	5.8772762	4.1447736	2.7739220
## 178	4.5281255	4.9945527	4.3435759	6.3480103	4.6236339	4.5381080
## 179	5.6682461	5.0002355	5.2732024	5.4322330	4.7618949	4.3114709
## 180	5.5161681	3.7477200	4.3421105	4.9614108	1.9686185	2.8339243
## 181	4.1035504	5.1890628	4.8064998	3.8977796	3.4534080	3.4530328
## 182	3.6053937	2.7587208	4.5906899	4.3238833	4.5882001	3.4732558
## 183	4.3693760	3.2824988	4.0569029	3.4586282	4.2251816	3.0817640
## 184	5.6152912	4.4782083	4.0710783	4.4882849	5.4852845	5.1096146
## 185	4.1800310	2.0081444	4.1439405	4.8472640	4.1393996	4.0680190
## 186	3.6887534	3.7494306	4.3923428	2.7463185	4.8803716	4.8569564
## 187	4.5183333	5.1535157	3.7191485	5.5157126	4.8777794	4.7786883
## 188	4.2597824	5.1215786	3.5155270	3.9758924	5.4058654	5.1566111
## 189	4.2286583	5.2711206	4.8242139	5.5505716	5.4769867	4.5416991
## 190	5.1870397	5.8352178	4.5273383	5.8183799	4.0515444	4.9801717
## 191	5.5611203	4.9257112	4.6697787	3.3747705	5.0150828	4.2211484
## 192	5.4414481	5.1319854	4.7565530	5.6177455	4.8642270	5.3558264
## 193	4.2782663	5.0514998	5.5829998	4.7028999	4.6593694	4.1803981
## 194	5.1253242	3.5580368	4.9820512	5.5458701	4.8299732	2.9362189
## 195	4.5154533	4.9681558	4.4510333	5.3167911	5.2039913	4.8651397
## 196	5.4940183	3.4720028	3.8355758	5.2189299	5.4136424	5.1227470
## 197	4.4370336	5.9617780	4.7465319	5.1192031	4.6806203	4.3708400
## 198	4.6016437	4.5614204	2.8831627	4.7906656	4.1989472	4.2389786
## 199	3.5874240	5.4870135	5.1130099	5.2344947	5.4999878	5.0505313
## 200	7.3353588	7.4989152	8.1343518	6.6507647	7.0706950	6.3411254
## 201	5.4678256	4.7633350	5.0907840	6.4081966	5.2223684	4.2193873
## 202	6.1020254	6.3229388	6.0604922	5.0110979	4.3829925	4.9140139
## 203	6.6554081	5.4135076	5.0425619	5.7972793	4.7701648	4.6929324
## 204	6.0073596	4.8543044	5.2858247	5.5976745	4.6117615	4.4003269
## 205	5.8788392	3.0746277	4.8695145	5.3810936	4.1895516	4.0544344
## 206	4.0414429	5.2912546	4.9180566	4.7380709	4.5915509	4.8047324
## 207	4.1459619	5.0162545	4.3899465	6.0031869	4.2084144	4.8372968
## 208	6.0538647	4.4419480	4.0572371	5.1062861	5.0164851	4.1418702
## 209	4.4785054	5.2703169	4.7431083	5.4273052	5.2721227	4.6303918
## 210	4.6513275	6.2403886	5.2543928	5.1745125	5.2374312	4.7630120
## 211	5.7758754	4.7241974	5.3855485	4.3020226	4.6334858	4.2481996
## 212	6.8250554	5.5535507	5.8869535	6.8475180	4.0671434	4.0846600
## 213	7.0700462	4.5691959	5.2729361	4.7081140	3.8323774	4.9854812
## 214	3.3171434	5.4729842	5.1339161	5.0688533	6.0998013	5.6304420
## 215	5.2770489	4.3880551	4.9651311	5.1009855	4.7414331	4.9416533
## 216	5.8537697	4.8790066	4.5300105	5.1490397	4.9375365	4.3937593
## 217	6.2318643	5.5999953	4.3427158	5.5457391	4.8954837	5.3917871

## 218	9.4774209	9.7400649	9.3070782	9.7900455	10.0433035	9.9563942
## 219	4.5495451	4.4386086	4.9855058	4.3569188	4.9675839	3.9779938
## 220	4.8823240	5.7450564	4.5287323	4.6815798	4.6854826	4.7528875
## 221	4.8260790	3.8076693	3.3755207	3.6834738	5.1345070	4.8266146
## 222	6.4375723	4.2932119	4.6768687	5.9892807	3.5261400	3.3865687
## 223	5.1463449	3.9553205	5.3730979	5.2801097	2.7079554	4.3870476
## 224	4.7268751	4.9985864	4.5490772	5.4126039	4.2002900	3.7872791
## 225	5.2958050	5.2834831	5.0380994	3.0699445	4.2003748	4.8561864
## 226	6.3829459	6.7671828	6.0005302	5.7298931	6.3729604	5.5569122
## 227	4.9308892	3.6524799	5.2230065	5.6086395	4.2349927	3.9093008
## 228	5.7523871	5.3922510	5.6264623	6.6742472	5.5573324	5.0488269
## 229	5.9391081	6.4426519	5.3809543	5.8344410	6.4359238	6.2223406
## 230	4.8743717	4.7776564	3.3592549	4.7195425	4.8580233	4.7055556
## 231	4.7015133	5.6029091	4.4088867	5.9301981	6.2932430	5.4264598
## 232	5.8155582	3.9317586	4.6092307	5.3064141	3.8790199	3.1969434
## 233	4.4463653	4.5877734	4.9860613	5.3241560	3.7514555	4.5228072
## 234	5.2347901	3.6180987	5.1610593	5.1521001	3.1213130	4.0669975
## 235	5.4248388	3.7723231	5.2673689	5.4143948	3.1310899	3.9944300
## 236	6.5013374	4.8880252	5.4430251	5.2442743	5.1805907	5.7738667
## 237	6.9960686	5.3774371	4.8182945	6.1007331	5.1149571	5.0929726
## 238	5.3612056	4.6163860	4.2703077	4.9235134	4.7164703	4.0093918
## 239	4.0969051	4.9300414	4.4936764	5.0118186	5.2117255	4.3747670
## 240	5.3952661	3.6767779	5.1809057	5.5335838	3.3014272	3.8379940
## 241	6.0159011	6.1262346	5.1483187	4.3499665	5.4694182	5.9761013
## 242	5.1736363	4.2487227	4.8536642	4.4486112	3.9003601	2.4744735
## 243	5.3290152	4.5872679	5.0998381	5.3417864	2.4530910	3.5061222
## 244	5.5046148	4.9734600	4.4244763	6.2431198	5.6385648	5.3096027
## 245	4.7189133	5.2087209	4.8476461	4.0166805	4.1988620	3.4993757
## 246	4.4158722	4.4224747	4.8940350	4.3249435	4.5569830	3.9361510
## 247	4.7700509	4.3137043	3.8213722	4.0868548	4.4778109	4.8521034
## 248	5.1219334	4.5325114	4.0865509	4.3764973	4.3410675	4.2152212
## 249	5.5802270	4.5644598	4.9834060	5.4233979	2.1828131	3.6883972
## 250	4.4168818	5.9141249	4.8371797	4.9669344	5.0271477	4.2610160
## 251	5.7625653	6.1214069	5.0105256	5.6847169	4.9357226	5.8226450
## 252	4.3948669	5.3934603	3.8802595	5.0894280	4.5809253	3.8112283
## 253	5.7470526	5.4890161	5.1950106	5.2145537	4.1102255	4.6952959
## 254	5.1044823	5.8314311	4.7529829	5.0796145	5.7059751	4.6903231
## 255	6.1087989	5.3604278	5.6993577	6.1478384	4.6832617	5.2254306
## 256	5.2400637	4.5191141	5.7568190	5.3464278	4.2604225	4.2062817
## 257	5.0536678	4.8706503	3.2982569	4.8300428	4.2886158	4.5715801
## 258	5.3120232	5.3747044	4.9613837	4.7539021	4.5924188	3.9020218
## 259	3.8217905	4.9408518	5.3550574	4.9145237	4.7092940	4.1403266
## 260	6.1012268	4.6599760	5.2662118	5.3025155	2.8106973	3.8599437
## 261	5.2710485	4.7197565	4.2210361	5.0695906	3.7126431	3.7811239
## 262	4.7041015	4.8416639	4.4872783	5.4633827	4.9305651	5.1338090
## 263	4.0217097	4.5611311	5.1381303	4.4875869	6.1166405	4.9817143
## 264	5.4439367	5.6429613	5.1709332	6.1055396	5.7248302	4.8763231
## 265	5.1102411	5.1272133	4.5715877	5.0940209	4.6961159	3.1031093
## 266	5.4131135	3.8271711	5.2833324	5.3488588	3.1262357	4.4172161
## 267	5.0309732	3.8974922	4.5431847	4.6465901	4.3674874	4.4409242

## 268	4.5914906	4.9104687	5.1657853	5.5467574	5.1304592	3.8171026
## 269	4.4397053	5.8037943	4.5146323	4.9479039	4.3678473	4.3141439
## 270	4.7163339	5.8635067	5.5488715	4.9142334	4.4650130	3.9245239
## 271	5.5878940	5.8194108	6.3228344	5.4118768	4.6480608	4.1968238
## 272	4.4122058	5.8402923	4.6584461	5.1181437	4.8370943	4.0924432
## 273	5.1747498	5.2223124	3.9258530	5.3327200	4.9261577	4.6569883
## 274	5.3105453	5.2340161	4.7093629	5.6276619	3.6571410	4.0651685
## 275	4.8315427	4.1636741	5.4897397	5.6816328	4.7311208	3.1152283
## 276	5.5940546	6.0596482	4.9822969	5.3599393	4.4233532	5.7728004
## 277	5.4677392	4.9482113	3.3994691	5.0497550	4.5852676	4.8970376
## 278	5.6949974	5.5407275	5.0040406	6.0473180	5.7368150	3.4363296
## 279	3.6228393	5.3557163	4.9045847	5.4421885	5.2399705	4.5521687
## 280	4.9995793	5.8777134	4.8154193	4.0883441	4.6255838	5.1331084
## 281	5.9227224	5.6666726	5.3132483	5.1493070	5.4010352	4.1651066
## 282	6.4849896	4.9908756	5.3645865	6.5092525	5.1714946	3.8247223
## 283	6.1749715	5.9953301	6.4295849	6.0972632	4.9674625	5.1638709
## 284	6.1302279	4.3291001	4.8855909	5.4137427	3.6995514	3.6473441
## 285	5.0648649	4.4662832	4.8377876	5.4129438	3.9636583	4.6657571
## 286	4.6833341	4.9293516	5.4152094	4.4262585	4.6044335	4.4799441
## 287	5.4184823	4.5937676	4.0698136	4.6268311	3.8095762	4.1661911
## 288	6.1815094	7.0729140	6.3118804	5.0318193	5.1741196	6.2745887
## 289	4.8862198	5.4470703	4.0209807	4.9956013	5.0315996	4.2029468
## 290	6.4424900	5.0362258	4.6056971	5.9057917	6.0638915	6.2406300
## 291	5.2829284	6.3259848	5.1027645	5.9334385	4.8363828	4.4722528
## 292	5.4388541	4.8423739	4.2779842	5.5232861	4.4481270	3.8498315
## 293	5.6695749	4.9168239	5.4282431	4.5736100	3.3194997	3.6625867
## 294	5.1730873	4.3250665	5.6590795	5.6764047	4.8312538	3.4437238
## 295	6.2031964	5.2867958	5.6085674	6.1355461	4.8947064	3.5194811
## 296	5.3082084	5.5741859	4.2191996	5.6159859	4.6370260	4.8798440
## 297	7.9913395	8.3837147	7.7473393	6.2980358	6.4481366	8.0176391
## 298	6.2888656	5.5070823	5.7883626	6.7234962	4.3717667	4.0603478
## 299	6.3356689	5.0638923	5.6166342	5.1741615	3.1680071	4.6620717
##	73	74	75	76	77	78

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## 74	7.0283539					
## 75	5.7923005	4.1528886				
## 76	7.0007942	4.4972957	2.6189724			
## 77	7.6732865	4.1714781	5.2226981	5.5598198		
## 78	8.0809976	3.2128822	4.8405615	4.7803724	5.1607004	
## 79	7.2458458	3.7890898	4.5448047	4.5739891	4.5274363	5.0461303
## 80	7.8499276	4.7042229	5.1077805	5.3176713	2.8011648	3.8924894
## 81	7.2609810	4.0409473	4.1444950	4.8342538	3.6663000	3.9238408
## 82	6.2980554	2.3757768	3.3898267	4.0622321	3.2679673	3.8184788
## 83	7.7704927	5.0108236	4.5197792	4.3331094	6.2169778	4.6850739
## 84	7.5292712	4.4315089	5.1307449	5.0583099	4.4664266	5.1208793
## 85	8.0520755	5.4803963	5.0155778	4.3540862	5.2016972	4.6475009
## 86	7.8012227	4.2176163	4.7188248	4.9527259	4.1746512	2.9338100
## 87	7.6064181	3.9363901	4.2656702	4.4526383	4.2094234	3.2788608
## 88	8.2821277	4.1188256	5.9708187	5.5070645	4.1599413	3.9567767
## 89	8.2460518	3.7578124	5.1745377	5.1430765	4.6308220	2.1661767
## 90	8.1840274	4.9701577	4.9916069	3.9064427	5.0787801	4.1102073
## 91	6.9120009	1.3125135	3.7167497	4.3119208	3.9703000	3.3593886
## 92	6.7182260	2.9350945	4.3102695	5.0377623	4.7979713	2.4649915
## 93	7.8905028	4.3622412	5.5291140	5.6922219	3.9561512	3.4809875
## 94	7.0474976	4.7653608	3.1948347	2.5565958	5.8873565	4.2703080
## 95	8.2556572	4.4333383	5.4118222	5.5194437	3.6583731	3.4478132
## 96	8.1573840	4.4286880	5.7337449	5.0306714	3.8903836	4.1636671
## 97	7.5327557	4.3845300	4.7071197	4.4707080	5.3757299	3.9042055
## 98	7.7797162	4.3951077	5.4363436	5.1532871	3.7865967	4.6709633
## 99	8.2429963	5.0050546	5.2692398	4.8991795	4.7771249	4.2283667
## 100	8.0404009	3.8540756	5.2129492	4.5600344	4.6239187	3.4082104
## 101	7.3694332	4.5186780	4.0306348	3.2986948	5.1532216	3.7451938
## 102	6.7949156	3.9347599	4.3279403	4.9759055	3.4511603	4.1417623
## 103	6.3414583	3.6363599	3.5101229	3.7672694	4.7723877	4.7773300
## 104	4.6534713	6.1879185	5.9384433	6.3372582	7.0326484	6.0962340
## 105	8.2480862	4.7336846	5.5275013	5.6860059	2.9474843	4.2099178
## 106	8.0147285	6.9445764	5.2844037	5.4557774	5.0797946	7.0048744
## 107	6.7578593	3.3536275	3.9409395	4.3944637	4.2435240	2.5470887
## 108	6.8985101	4.1025226	5.0863028	4.4908295	5.9036764	2.8253517
## 109	5.8765196	3.0174036	2.7426167	3.8642903	3.9947319	3.9472677
## 110	9.8462689	7.5588554	7.3091434	7.7752592	7.2067694	6.6620571
## 111	6.3343019	4.0178903	3.7244339	4.8782014	4.2899860	5.7439774
## 112	6.8930026	2.7128250	2.8466776	3.4032372	4.1359472	3.3732195
## 113	7.4910914	3.4561992	4.0549367	4.4505400	5.5655889	1.7809484
## 114	7.5290954	5.1860599	5.0911084	4.8923519	4.2945836	5.2323500
## 115	7.5436831	4.8817953	5.3740724	5.6193179	5.6045545	4.7073531
## 116	7.6198757	4.3095433	4.8775566	4.1036684	4.4235304	3.8899016
## 117	8.4592930	4.5072887	6.2300839	5.8668542	3.8154082	4.3817645
## 118	8.4420033	6.1291181	6.4624574	6.7025936	4.9017938	6.3315484

## 119	8.4992129	4.3712138	6.3437888	5.8099964	3.7872585	4.4359407
## 120	6.3114676	4.9067253	3.7086516	4.8301434	4.7172831	5.4189704
## 121	7.1346714	3.7978497	5.0571129	4.7306790	3.5493446	4.9191105
## 122	8.1343734	4.3226709	5.4921453	5.0367193	4.4435381	4.2933231
## 123	7.8174873	3.4137497	4.7980463	4.9181480	4.2554615	2.6388703
## 124	8.1591740	5.3126147	5.6250418	4.6365051	4.6003402	4.7815218
## 125	6.7961883	4.5487480	3.7655379	4.6469459	5.7046758	4.3605760
## 126	8.0449619	4.6545290	5.3928220	4.8432518	4.6071033	3.8347973
## 127	8.3540637	6.2599273	5.2363096	6.0764500	6.7513191	5.5994164
## 128	8.2107578	4.1057831	5.9164063	5.5162858	4.3333598	3.7800376
## 129	6.9316431	3.6679313	3.2908657	3.8483747	3.5552857	4.1987998
## 130	8.5008246	4.4143169	5.6470610	4.9124871	6.0519029	3.3321433
## 131	6.6683838	4.3076315	5.3949055	4.9450813	3.8046978	4.9530332
## 132	8.4540772	5.8668160	6.7616564	7.0560769	7.4760872	5.8604716
## 133	7.6613567	4.7462422	5.0162298	5.2590339	3.6049128	3.7521296
## 134	7.7753964	3.8643151	5.2238641	5.2689633	2.5456512	4.5662177
## 135	2.8514725	5.3120924	4.9617336	5.9573180	6.0524301	6.4160077
## 136	6.4363991	3.4365147	3.5930263	4.3518280	4.2055728	3.5713093
## 137	8.1857792	3.7630284	5.9301869	5.4550094	4.4871122	4.0252565
## 138	6.8583802	4.8291604	3.9164041	4.1734493	5.7797949	4.6288801
## 139	7.4674908	3.3929834	4.5079881	4.9143559	4.4732554	2.9140426
## 140	6.6719675	4.5003342	4.3893014	4.6545152	4.6928486	3.5320778
## 141	5.7163967	4.2792398	2.8317177	4.0500406	5.0032241	4.6435483
## 142	8.1370109	5.1232385	5.0860490	4.3640630	4.6795184	3.7998489
## 143	7.6442578	4.3024457	4.6702015	5.2633192	5.0962907	3.1864174
## 144	8.1450703	4.9201709	5.3383940	4.6143729	3.6261526	4.4516436
## 145	6.3581996	5.1773942	3.3342162	3.0780519	4.8615292	5.6546864
## 146	7.2420944	3.3762683	3.3177986	3.3069514	4.3107599	3.2334189
## 147	6.9858918	3.0507392	2.9113906	3.2472102	4.4227954	3.3798397
## 148	6.1377070	3.5633672	4.7636464	5.2957314	4.1668588	3.6801514
## 149	6.3654687	4.7550310	3.2273470	3.1574130	5.7263144	4.8861801
## 150	5.7466846	4.5159389	4.4073847	5.0246567	4.5881050	4.1332560
## 151	7.2112889	5.0145078	4.4720838	5.2098762	3.9707066	5.2074489
## 152	8.0656014	3.3761601	5.6079041	5.8013903	3.7979118	3.2419404
## 153	7.3874664	3.3679770	4.1611179	4.4589997	3.5829075	4.0276686
## 154	6.0293769	2.7818092	3.9164202	4.4297832	4.9635020	3.0504183
## 155	7.6624800	4.9538148	4.9560149	4.5500133	3.9003613	4.7123253
## 156	7.7931535	3.8052723	4.6018521	3.8494547	5.8002777	2.9589252
## 157	7.9234497	4.7002235	4.7057757	4.1738780	4.6302803	3.8469275
## 158	6.9912774	3.4644898	2.8337945	3.2907342	4.6770382	3.4679342
## 159	6.4627003	4.2062810	4.6956240	4.7834886	4.8529070	4.9860744
## 160	7.6197898	4.2849332	4.5864636	4.0699537	3.4079501	4.6247922
## 161	7.5371129	4.4301126	4.6065074	4.3220924	4.3510861	4.3386835
## 162	7.6509377	3.6749889	4.1509619	2.8743764	4.9242630	3.7359377
## 163	6.9418747	4.3549208	4.0211455	3.8311072	4.3511797	4.6575327
## 164	6.9076193	5.2912347	5.6723462	4.8597691	6.4103526	4.7343164
## 165	6.0544448	4.9409272	4.4074815	4.8544366	6.2742380	3.5654297
## 166	6.8357281	4.6681731	4.6688414	5.3756465	4.6445565	5.1052093
## 167	7.1722864	2.8552533	4.3688704	4.7876851	3.8613105	3.9708125
## 168	7.5370266	4.3307141	3.9570266	4.3862216	6.7457599	4.0248890

## 169	7.2904202	3.4971496	4.7106333	5.1332958	4.1865743	3.0720603
## 170	6.9220115	4.9072294	4.5601046	5.3585209	3.6040758	4.8085106
## 171	7.2610069	3.0872940	4.2165185	3.6661810	5.1569428	3.3832238
## 172	4.6103406	5.0633358	4.9815416	5.5462495	5.5418285	5.1950641
## 173	7.9858108	4.2115577	5.7074240	4.9048885	3.5708379	5.2963185
## 174	7.9098731	4.7197129	4.3506816	3.2822988	5.8531460	3.5735583
## 175	7.2484668	2.9768043	4.0464298	4.5453922	3.8196016	3.8056244
## 176	7.5344783	3.7158267	4.8118339	4.3436500	3.8292773	4.4750944
## 177	5.5770793	2.8046771	3.4466933	4.1112592	4.5151086	4.4374679
## 178	8.3515787	4.5222997	5.6379386	4.7314142	4.6195975	3.9585161
## 179	8.3749078	3.8825639	6.0274698	5.3047597	4.9403402	3.5069854
## 180	6.5274994	3.0680710	3.4482721	3.7250104	3.8504249	3.4258708
## 181	7.8049455	3.9437153	4.6126831	4.8477164	5.6676932	1.7783951
## 182	7.0793207	3.8783602	3.2647772	2.4208824	5.8198228	4.3251469
## 183	6.4531367	3.4130749	2.3916650	3.2889933	5.3622549	4.0677919
## 184	6.9950125	4.8069791	3.8523045	4.7522533	4.8877299	5.0497242
## 185	6.9184608	4.4342886	2.7485755	1.4971493	5.5041762	4.7694555
## 186	7.5807068	4.8937129	4.2005567	3.9524435	6.0396410	4.0859597
## 187	7.2048077	4.6822345	4.6067044	4.8619020	4.8587023	4.3556077
## 188	6.8405489	5.5478859	4.9165528	5.3261718	5.8958273	4.5985872
## 189	8.2443023	4.5071068	5.6486953	5.1994291	4.4796369	4.2267825
## 190	8.4742644	5.1001946	5.6617365	5.6209792	3.7970941	3.8688845
## 191	6.8930664	3.8621056	4.3463155	5.3924718	5.2955860	4.0286370
## 192	8.0011018	4.7435274	5.6116796	5.4148817	4.0833014	4.7309945
## 193	7.9670746	4.1052297	5.0718107	4.7983935	5.8602516	3.4108891
## 194	7.4612600	3.2584751	4.4779907	3.6597371	5.3103876	4.3416388
## 195	7.4742141	5.4115748	4.1434067	4.3610622	6.0971534	4.5600380
## 196	7.2642515	4.9567765	4.7141589	4.0176041	5.3878244	5.0180230
## 197	8.1655412	4.5620366	5.5605120	5.7559746	4.4429831	3.4155285
## 198	7.4355070	4.4282673	4.1981612	4.5808387	4.2654568	3.9263264
## 199	8.2856377	5.4777765	5.5478406	5.2034568	5.5997359	4.5296166
## 200	7.5895467	6.0133214	6.0311720	7.3563703	7.7526722	6.9484265
## 201	6.4710885	4.3087187	5.1112756	4.5751164	5.5762183	4.4709714
## 202	8.4405922	4.4969079	6.0695863	6.3685934	4.5637439	3.5112974
## 203	7.6934539	4.1031688	5.3334386	5.6523907	3.4967286	4.3897567
## 204	7.6844662	4.5080872	4.1950523	4.8104021	4.9733219	4.9890967
## 205	6.9855757	3.7867993	3.9005638	3.5550243	4.3449919	4.9875889
## 206	8.3809245	4.6749648	5.6778923	5.3021631	4.9735351	3.6992993
## 207	8.6019540	5.1111641	5.6229855	4.6505174	5.0262382	3.8594464
## 208	6.8354001	3.8811793	4.0654995	4.7600138	4.8089994	4.5281260
## 209	6.8242545	4.8345380	5.7370932	5.3732126	5.2997718	4.2661569
## 210	7.6980462	4.8740809	5.4510067	6.0148102	4.9575531	4.1931992
## 211	7.5085514	4.5515721	4.1568639	4.9219494	5.0245151	4.8691934
## 212	7.7022237	3.7831254	5.4700803	5.4190012	3.5801601	4.5280600
## 213	7.1301485	4.3892067	4.4439565	5.3165172	3.9494491	5.2284441
## 214	8.3329153	5.7304478	5.3795365	5.1605427	5.9828135	5.0984644
## 215	7.6442729	4.8954911	4.7067400	4.4504855	4.6867825	4.5972788
## 216	6.8804936	4.3030705	4.2582901	4.9777206	4.4270641	4.4828407
## 217	7.2428081	5.1672032	5.5435343	5.9781818	3.0499276	4.9519894
## 218	11.3600929	9.3680475	9.9021824	9.9477848	9.1919711	9.4652317

## 219	6.8800974	3.9533925	4.6568844	4.5566046	5.6172217	3.7956675
## 220	8.1157142	4.9309681	5.5469479	5.8016212	4.2192410	3.8714636
## 221	6.3687486	4.9982418	2.7659771	3.9462577	5.9437588	4.8380263
## 222	7.4803393	3.2194049	4.5588411	4.4642252	3.9019127	4.1525944
## 223	8.0143972	4.6268680	4.5489678	3.7482329	5.0861214	4.1667183
## 224	7.3648506	4.3649987	4.1888535	4.4124740	5.8517171	3.4637181
## 225	7.8006963	5.0757739	4.8936519	5.5001174	5.8466454	3.7689122
## 226	7.5654588	4.7256329	6.0326048	6.9940533	5.3483457	5.4589385
## 227	7.3394430	4.1696048	3.6998219	3.2477783	5.5370363	4.7471933
## 228	6.4363600	5.4743570	5.6768524	5.1772222	5.7432320	5.0495094
## 229	8.4437768	6.0562988	5.6113324	6.5167929	6.5646613	5.9484098
## 230	7.2770606	4.7939743	4.1102583	4.8802615	4.7816224	4.6237911
## 231	7.5125658	5.4546803	4.5274952	5.2112828	6.3109281	5.5769959
## 232	6.7376298	3.0989507	3.1875178	3.9303050	4.4660937	4.4170485
## 233	8.1913868	4.8171605	4.9603554	4.1436831	5.6663158	3.4601780
## 234	7.0514731	4.1234992	4.0954349	3.6177037	4.7490008	4.2934335
## 235	7.1578069	3.8973385	4.3136751	3.7651726	4.5057999	4.2415372
## 236	7.8883944	5.3099618	5.5034645	5.4481037	4.2976462	5.3281064
## 237	8.2088468	4.9146580	5.7971269	5.7606828	4.0904891	4.8183466
## 238	6.9664577	4.0269547	3.7710448	4.5421241	5.3330811	4.1419124
## 239	7.5492081	4.3012567	5.2947432	5.0084403	4.9863154	4.0685521
## 240	7.4033539	3.6925543	4.2754064	3.6304727	4.4754869	4.2145223
## 241	8.6005805	5.8309155	5.9852070	6.5746516	4.6319497	5.1816966
## 242	6.7582836	2.7096899	3.5983600	4.2595977	4.9398916	3.6437972
## 243	7.6562134	3.8283860	3.9767452	4.1426669	4.9031373	3.5919455
## 244	7.3560038	5.3316041	5.6023649	5.1809057	4.1322199	5.3215629
## 245	7.3541772	3.4598131	4.5535595	5.1205783	5.4056933	2.6000002
## 246	7.8796299	3.8674618	4.9109334	4.4850187	5.4444869	3.2499613
## 247	5.7660109	5.3015927	3.5630748	4.2283206	5.9757127	4.4105788
## 248	7.3212845	4.3372886	3.8004222	4.5294134	5.4571497	3.8752242
## 249	7.5554768	4.1738611	4.3448058	4.2723088	4.8368923	3.6179648
## 250	7.9291363	4.1381350	5.1715651	5.7130910	5.2362653	3.6947764
## 251	6.8940703	6.1984617	5.6735165	6.1157381	4.9272104	5.1875117
## 252	7.9741625	4.1914550	5.3284187	5.2923187	4.8863040	3.1460451
## 253	7.7581296	4.5547901	4.9087239	5.3464774	4.4104894	3.8885576
## 254	7.9167264	4.5389985	5.2448846	5.8797905	4.5336407	4.5886553
## 255	8.1623156	4.8929916	5.9584664	5.4089756	4.3445271	4.4533439
## 256	8.2961909	4.5691287	5.2179909	4.4653090	4.9880067	4.3603027
## 257	7.4887307	4.5023528	4.6044723	5.0519748	4.1278098	4.0564386
## 258	8.0387470	3.9867415	5.1409674	5.3342513	4.6983836	3.2200024
## 259	8.3612090	4.6121433	5.1227777	4.4744758	6.3801123	3.3480576
## 260	7.3928094	3.5391865	4.2088633	4.6372230	4.1109557	4.0468069
## 261	7.6113249	3.8547797	4.3808692	4.5415299	4.8544303	3.1389309
## 262	7.4246199	5.0417400	5.0352941	4.8524606	4.8474569	4.7805891
## 263	7.4231420	5.0624910	4.3927540	4.3618345	6.8803180	4.9719581
## 264	8.4220715	4.3842199	6.3248192	5.8400055	4.7779407	4.5398176
## 265	7.5427755	3.3467089	4.9465588	5.0171519	5.4159838	2.8519213
## 266	7.7379148	4.6262393	4.5171839	3.7789447	4.9941237	4.4379479
## 267	6.0741513	4.8625173	2.6165873	3.6304435	5.9503439	5.0489260
## 268	8.2652858	3.9741345	5.4598368	4.6949273	5.9511919	3.4117208

## 269	8.2095049	4.5724919	5.5607650	5.6420305	5.0991497	3.1677053
## 270	7.8960176	4.1914617	5.1079062	5.4341785	6.1286985	2.9320652
## 271	7.7740169	4.4002347	4.8990241	5.4838759	5.5463320	4.4820799
## 272	7.8087846	4.1528851	5.2830708	5.6228309	5.1307527	3.4566982
## 273	7.4261461	4.5115737	4.6085713	5.2227025	4.5922778	4.5112368
## 274	8.1847090	4.3684136	5.0051034	4.8310841	5.3192665	3.0703012
## 275	7.6218302	3.4855762	4.5768801	3.8645862	5.6867077	4.2201450
## 276	8.2910433	5.8652989	5.6871654	6.0213960	4.3782483	4.7144098
## 277	7.4426395	4.9591286	4.8713280	5.2292829	4.3424157	4.5154145
## 278	7.6169644	3.6115726	5.3342939	5.3984281	5.9186432	3.9279617
## 279	7.8261699	4.9311008	5.5412480	5.0615301	5.8166243	4.0656048
## 280	8.3786751	5.0312852	5.5080014	6.0261421	5.0923893	4.0158750
## 281	5.6715554	4.2427708	5.1417059	5.8114614	5.7915194	4.2605778
## 282	6.9866443	3.6427841	4.4470226	4.9345279	5.3472587	5.1125006
## 283	8.2013411	5.1413830	4.9357577	5.6610090	6.5384514	5.3187906
## 284	5.7713299	3.7572423	3.7855446	4.4446995	4.5627528	4.5318402
## 285	8.2288680	4.8112885	5.1764231	4.3255672	5.3303353	3.7605653
## 286	8.0723401	4.3805400	5.2430651	4.9363114	5.7049219	3.5655504
## 287	7.5071763	4.2533447	4.3288762	4.6511639	4.9565133	3.4856076
## 288	8.7340971	5.9113712	6.6254848	7.2203790	5.6302756	4.9542210
## 289	7.5960303	4.3972139	5.3191329	5.5460845	4.9447728	3.8393450
## 290	8.1096212	6.0764526	5.9550243	5.7253344	5.1227654	6.1446779
## 291	8.4362883	4.4054824	6.2387642	6.1827171	4.9480818	3.4795714
## 292	7.4896839	4.0554040	4.4998011	4.6431893	5.3001933	3.6681399
## 293	7.8672345	3.7667760	4.7076952	4.9647054	4.9699121	3.6292246
## 294	7.7067158	3.5378260	4.7285955	4.1652785	5.5602086	4.4232687
## 295	8.1473136	3.7272325	5.2811860	5.2069590	4.6954085	4.3994902
## 296	6.8318214	5.0796394	5.1612648	5.5323959	4.9028609	4.4086886
## 297	9.1577014	7.7562217	8.1892518	8.7345039	6.8971508	6.7297542
## 298	6.3604109	4.5501203	5.0176315	5.1512337	5.7445098	4.7433429
## 299	7.7064926	4.4563969	4.6151516	5.1304494	4.7581348	4.5034082
##	79	80	81	82	83	84
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83 4.9923866 5.2539307 4.1772162 5.4904712
84 3.5601855 4.2967588 4.0126928 4.0467588 5.0000954
85 4.6761889 3.9771890 4.6224173 5.6632683 3.4442528 5.1027437
86 5.2893377 3.1392818 3.2761890 3.0752895 5.7503221 4.8322486
87 4.3589829 2.8397639 3.5232657 3.5686875 5.0540207 3.3197085
88 3.6057936 3.8702243 4.6405288 4.3474352 5.4268632 3.3865690
89 4.3603217 3.2392781 4.4015970 4.2738181 5.1481232 4.5746362
90 4.7094599 3.7913386 4.5334322 4.6522352 5.1704915 3.8168180
91 3.2298451 4.5287942 3.7662805 2.1981929 4.9961541 4.4580522
92 3.9802565 3.9955242 3.3181674 3.2050001 4.4500346 4.2718827
93 5.9160335 2.8583047 3.0133963 3.7528184 5.2373996 5.0549296
94 4.7890121 4.8685238 4.0137126 4.3557077 3.0922787 4.0421381
95 4.6363264 2.1923639 3.5267535 4.5991724 4.9206378 4.9491287
96 4.4608784 3.3730852 4.3605401 3.9466214 5.7025281 2.8209110
97 2.8143760 4.2895085 4.4266999 4.7094842 3.9365607 3.4035407
98 4.7635195 3.6183322 2.7245022 3.7623854 4.5988735 3.4180763
99 3.7522071 3.4346495 3.9015348 5.1775924 3.6582626 4.3462721
100 4.3826769 3.7967550 3.1978491 4.3466944 3.3822663 4.3132977
101 4.5153837 4.0697034 3.4534614 3.7657006 4.5134550 3.9631073
102 3.9326764 2.8659355 3.1309511 3.0979415 5.4407039 2.5916260
103 5.0248398 5.0017977 4.2195557 3.1100979 5.8904935 4.9974812
104 7.2099515 6.5104136 6.7109377 5.5382421 7.5916282 7.5623750
105 5.4656800 1.7067311 2.9457258 4.1302367 5.3557698 4.2107545
106 5.4039885 5.1878514 5.4658360 5.8467140 5.9712989 6.2598126
107 4.7937102 3.1562541 2.6373549 2.4155838 4.8720758 3.8903132
108 4.6170950 4.6999808 4.6796149 4.4533159 4.3643144 4.9124532
109 3.8262235 4.1392627 3.3104340 1.5161264 5.1822922 4.3551350
110 7.4286351 6.9391126 7.2216214 6.8199776 8.4350848 8.9111456
111 4.6647298 5.4178583 4.3679283 3.0497672 5.7571271 4.5655764
112 4.1187177 4.0607197 3.3880900 1.8118107 4.9744895 4.4249763
113 4.5851911 4.2122164 3.6362598 3.9349782 3.9675993 4.9231546
114 5.3346169 4.1201993 3.4765961 4.4059899 4.3270577 4.3639487
115 2.8971580 4.8244326 4.8634841 4.9886827 4.5494358 3.6477805
116 4.9491936 3.3865271 2.8105902 3.9542481 3.8953374 3.8971028
117 3.9216258 3.3500992 4.1403097 4.8081045 4.7093545 3.7944719
118 5.9779072 5.0178240 3.9579768 5.1362952 5.8565368 4.9607566
119 4.2540685 3.4817609 4.2302408 4.8400599 4.8582687 3.7403431

## 120	5.3897613	4.3894674	2.6587761	4.2444101	3.9457633	4.4750029
## 121	3.4138408	4.2444648	4.7218047	3.1908760	5.7157973	2.9698666
## 122	3.5461943	3.6178573	3.8721776	4.9001548	3.6750826	3.4368968
## 123	4.8535206	3.1806001	2.6468686	3.9362321	4.0189205	4.9408574
## 124	5.2925352	3.3652278	4.2240812	5.0940914	5.0116873	4.2998890
## 125	5.7816118	4.9185219	3.8147999	4.1099487	4.0086425	4.5010879
## 126	5.2246404	3.4563828	3.2599356	4.1831132	4.1602926	4.3527478
## 127	5.6055111	5.4560600	5.3480055	6.5296198	3.7948504	6.1596059
## 128	4.5699760	3.8606637	3.6061693	4.3534897	4.3126494	4.5032637
## 129	3.3872673	3.4876377	3.9731177	2.8286285	5.5467574	4.0582159
## 130	5.5059958	5.0913680	4.7183982	4.8986634	4.4400559	5.0129324
## 131	4.0652339	4.2363187	5.1957572	3.5455028	6.2910822	4.0611156
## 132	6.3456429	6.9177580	5.8520331	6.1780010	5.0490102	5.5298418
## 133	5.0740351	1.4168702	3.0756907	4.1630320	4.9063923	4.4169462
## 134	4.8325550	3.5677765	4.5846669	2.9877623	6.7879358	4.5309522
## 135	5.9547045	6.2614178	5.6646911	4.4610067	7.0615150	6.1395869
## 136	4.4352635	3.5942979	2.3229873	2.4285754	4.9102394	3.4281682
## 137	4.5723960	4.2410929	3.6799799	4.3868063	4.1690388	4.0819747
## 138	4.1473591	4.8657009	3.5524430	4.0948363	3.9492955	3.5507201
## 139	4.5470856	3.4156131	2.4404472	3.9193754	3.5455708	4.6980795
## 140	4.7765629	3.0755715	4.0569589	3.9343121	5.4221223	4.2139515
## 141	4.8144890	4.5602128	3.3290577	3.4740020	4.4512028	4.0228427
## 142	5.3219403	3.1605968	3.2082464	4.3917936	4.3682494	4.9781636
## 143	4.7854509	3.7107488	3.0929085	4.4654845	3.7558993	5.4264292
## 144	4.4957819	2.4027866	3.3946315	4.4526052	4.6371811	3.4543625
## 145	3.9347015	4.8752866	5.0289974	4.3624105	4.9646659	4.4396284
## 146	4.7774352	3.9759215	3.8760287	2.5137203	5.5208083	5.2307292
## 147	4.3254791	4.1603140	3.7019142	2.3147486	5.1395979	4.7989480
## 148	5.0937458	3.7521036	3.3207896	2.6033511	5.6821962	3.9300373
## 149	4.5502403	5.0809049	3.8889426	4.2135030	3.3822301	3.5720397
## 150	4.5660116	3.3563609	4.0053175	3.7948914	5.5520996	3.8941188
## 151	5.1775864	3.3777525	3.2323844	4.5329136	4.1586778	3.8565904
## 152	4.1417570	3.3985848	4.2141309	3.8541153	5.6191897	3.7838048
## 153	3.8506419	3.6598194	4.3221303	2.8833346	5.7015927	3.9812550
## 154	4.2808836	4.6889008	4.4855239	3.1224414	5.0999219	5.5132668
## 155	3.9681285	2.7375564	3.2112661	4.4356228	4.2418163	3.0908828
## 156	4.2678114	4.7611221	4.1300666	4.3829724	3.6282683	4.2879992
## 157	4.8455833	3.3067249	2.6417086	4.1152266	3.5750056	4.1909854
## 158	4.4711368	4.2361707	3.7827420	2.6505000	5.1091644	5.0651652
## 159	4.1032247	4.7847814	3.5426774	3.4547566	4.9691835	2.5321774
## 160	3.2865659	3.7113794	4.4798052	3.2940526	5.6925747	3.7378187
## 161	3.2602358	3.5422666	3.7398778	3.8539741	4.6481375	1.7651238
## 162	4.4536513	4.6506890	4.5453209	3.2891538	5.0508923	4.6711736
## 163	3.8532462	4.5328657	4.1447113	2.9822958	5.4975616	4.6521952
## 164	6.2022851	5.4196691	5.3882864	5.8368467	4.0365414	6.0636296
## 165	5.8325885	5.0042702	5.0610303	4.9388002	4.7895560	6.2981335
## 166	4.5577243	4.1734024	4.0098232	5.0484769	3.9073192	4.4297922
## 167	4.5428640	4.3884398	4.0488892	2.0123473	5.8706176	4.5182221
## 168	5.5294044	5.7778504	4.8180534	5.1711800	3.3250220	5.3266902
## 169	4.6560084	3.2654422	2.4439390	3.8146297	3.9840879	4.7777021

## 170	4.3475789	2.4432171	2.6876555	4.1215100	4.8887670	3.8459248
## 171	3.4029566	4.9750295	4.5889148	3.5373470	4.2514667	4.7591605
## 172	6.0523770	5.3309972	5.4526048	4.0266484	6.9295813	6.4506694
## 173	4.4819462	4.5504679	5.1975896	3.7813358	6.5418125	3.8073655
## 174	4.9890469	4.5087392	4.1604162	4.3665637	4.4656938	4.5087584
## 175	2.7619128	4.0000061	4.3921817	3.3438516	5.2994212	4.3969901
## 176	4.1666113	4.5079200	4.2749508	2.6148062	5.7603506	4.2082331
## 177	4.4221735	4.8292836	3.9942304	2.2760709	5.4787409	4.2975987
## 178	5.5515931	3.7004877	3.5698566	4.3257412	4.5406422	4.3797162
## 179	4.9740532	4.6484220	4.5895623	4.2319398	5.4182832	4.5238397
## 180	4.5683356	3.8596866	3.7144382	1.8274720	5.6498938	4.9066425
## 181	4.9521364	4.2237432	4.1492889	4.2235089	4.6297031	5.4914875
## 182	3.8415203	5.6522091	5.1073943	4.3588687	3.5830369	5.2049864
## 183	4.2045907	5.2808923	4.5675701	3.7760365	4.1445129	5.5054625
## 184	4.7749659	4.3306979	4.0105322	4.3274421	4.6035002	3.4266057
## 185	4.5209742	5.3049666	4.7505170	3.9427966	4.1749876	4.8888025
## 186	4.4961348	5.1509713	4.5790394	4.8970866	3.4166734	5.0181342
## 187	5.9559766	3.9937521	3.6523626	4.3750118	4.3440480	5.1501444
## 188	6.3934855	4.7537119	4.4797275	5.4931900	4.4284159	6.6146487
## 189	3.7630430	3.5508454	4.0076472	4.9691991	3.8712818	3.7663041
## 190	5.6592193	1.8735758	3.7452495	4.5734835	5.5418835	5.0315296
## 191	4.2540365	4.7922709	3.4579225	3.8861105	4.6063593	4.4068049
## 192	5.0058356	3.7416331	2.9859439	4.0233485	4.6713565	3.8515163
## 193	3.8998485	4.9605845	4.4633077	4.4804317	4.0641178	4.3701029
## 194	3.8517608	5.5085299	4.8674948	3.9493205	4.8556943	4.7379060
## 195	5.6858604	4.6781572	5.0675135	5.2443407	4.7372159	5.0712272
## 196	5.6299388	5.0777957	4.4917224	4.4422087	4.9465888	4.3229702
## 197	4.8756481	2.8605638	3.9497868	4.8824545	4.6261054	5.0971950
## 198	5.2289480	3.0751475	2.0073223	3.7696546	4.4757576	4.6916730
## 199	4.3041020	4.1249594	4.6071104	5.6986988	3.8863679	4.9917967
## 200	5.5928696	7.7322049	6.6805759	6.1985072	6.4116786	6.7850261
## 201	5.0556608	4.9605384	4.4850133	4.0534381	5.1831523	3.7932161
## 202	4.7857169	3.7405851	4.8393931	4.5494905	6.0081856	4.9499344
## 203	4.6340134	3.3241582	3.8743930	3.5076399	6.0997548	3.0934389
## 204	4.7715326	4.7570700	4.6291991	4.1079219	5.4629844	4.5772407
## 205	3.5447599	4.9223699	4.0689775	2.8630867	5.3401927	3.8398810
## 206	4.7217342	3.9802829	3.7700663	4.7596407	3.9946343	5.0781207
## 207	5.8092747	3.6672900	3.8752625	4.7190490	4.6974868	5.1684958
## 208	4.7206251	4.5175114	3.1451489	3.2910763	5.2898526	3.5996964
## 209	5.1895308	4.3890117	4.2306413	4.9163079	4.5172416	5.3403271
## 210	4.5509925	3.6176922	4.1696378	5.1160823	4.5703037	5.0721636
## 211	3.4862453	4.8659234	4.9756131	4.5021265	5.6570805	5.3941772
## 212	5.0283882	4.1044583	5.0953102	3.4192393	6.7260024	4.6450096
## 213	4.8115046	4.7516826	4.0490727	2.8763775	6.4899890	5.1593893
## 214	4.7569832	4.8314588	5.0661264	6.0554779	3.0017590	5.0925517
## 215	3.5128252	3.7776316	4.0601982	4.2236331	4.9410010	2.7701313
## 216	4.1226851	3.6608650	3.5863864	3.7435965	5.2467204	2.9793825
## 217	5.2583171	2.2821800	3.3475119	4.2443236	5.9387197	4.5143326
## 218	10.0084226	8.9711091	8.7042626	9.3210625	8.1632440	8.2452958
## 219	3.6455462	4.8996269	4.0946897	4.1778932	4.0095552	3.9759548

## 220	4.8522086	2.7667055	3.9220020	4.9356468	5.1067131	5.3520385
## 221	5.3517209	5.0725823	3.8690923	4.3763255	4.2081365	4.8269682
## 222	5.2953122	4.4698844	4.2372844	2.5701008	6.2723447	4.9773598
## 223	4.8111936	4.7223164	4.7650132	3.7727151	5.5231803	5.3797724
## 224	5.4434005	4.5377449	4.0465188	4.1123844	4.9483432	4.9105532
## 225	5.1992272	4.7201087	4.4156022	4.7540971	5.4678971	6.0407282
## 226	5.1386194	5.2942410	4.0872336	4.9419066	5.1202937	5.0161369
## 227	4.0030463	5.3456823	4.5322323	3.7454648	4.6598524	4.4179341
## 228	5.2916025	4.6873615	5.3862055	5.0689083	5.8841229	4.4250500
## 229	6.6869568	5.7088605	4.1265168	5.7274708	4.6835390	5.6474362
## 230	5.1472301	3.7973817	2.2417255	4.1297379	4.3583243	4.6779973
## 231	6.1721680	5.4909655	4.3167087	5.4203900	3.8615269	5.3562758
## 232	4.1795050	4.7512535	3.7179366	2.4344547	5.2912646	4.3037342
## 233	5.1779906	4.3756704	4.3314702	4.3161305	4.8496879	4.6780508
## 234	4.2266790	4.6511141	4.3326883	3.1526108	5.1744737	4.6511965
## 235	4.1895909	4.5868129	4.3466681	2.9581240	5.3234557	4.4916916
## 236	4.0526736	4.0397047	4.3100743	4.3615641	5.8771840	3.1438845
## 237	5.6566659	3.7925643	4.5350322	4.3368356	6.7594121	4.4325149
## 238	4.7395778	4.5587015	3.2714734	3.5693719	4.7526809	3.8960377
## 239	4.3490639	4.2363363	3.5221109	4.5754859	3.6118393	4.4857543
## 240	4.1191913	4.6308792	4.2728746	2.9079792	5.1986863	4.2664266
## 241	5.1678070	3.7945492	4.2893443	5.4994444	5.7611039	5.7793298
## 242	3.8441633	4.9512944	4.2048513	3.1839494	4.8677522	5.0929909
## 243	5.1020282	4.4952471	4.3691390	3.1860655	5.5912382	5.4761526
## 244	4.7923456	3.4185566	3.9273679	4.7901387	5.1800701	3.7428778
## 245	4.6186249	4.4108675	3.7486469	3.8507861	4.3542432	4.7154995
## 246	4.0002702	4.6550539	4.0551817	4.1808261	4.0519425	4.1293099
## 247	5.9423478	4.7628529	4.4686628	4.5053760	4.9964033	5.7054112
## 248	5.1398072	4.4150171	3.1919196	3.7539039	4.5904801	4.3223416
## 249	5.5763947	4.3859532	4.6188665	3.3740964	6.0864593	5.9395391
## 250	4.9850455	4.2703117	3.4585655	4.5978591	3.9474847	5.1541544
## 251	5.9810679	3.3139767	4.5398032	5.2993666	6.1837726	5.9855601
## 252	5.6067738	3.7309551	3.6143072	4.5790826	4.6895284	5.6938162
## 253	4.6005044	3.2630323	3.9997984	3.9190933	5.5699443	3.8762429
## 254	4.1452785	3.7346062	3.6466966	4.8904382	4.3974999	4.3180514
## 255	4.7312978	3.7188977	4.7038725	4.3094452	5.9084421	3.4769892
## 256	3.7655511	4.7297869	5.5029823	4.7150818	5.5654524	5.2306715
## 257	5.4928983	3.1165526	2.0562079	3.7511098	4.6577691	4.6972761
## 258	4.2724334	3.6818521	4.3555877	4.3637753	5.2408432	4.3908114
## 259	4.6577096	5.1717519	4.8713911	5.0270632	4.2105149	5.1446854
## 260	4.6897765	4.3646913	4.0929459	2.5092782	5.9350766	4.9942776
## 261	5.2453412	3.8660552	3.4086120	3.3378130	5.1851308	4.3809919
## 262	4.8237640	3.9995803	3.2297557	4.3674799	4.3092338	4.2771719
## 263	4.6148461	6.1204758	5.1692363	5.4664097	3.2130138	4.9059218
## 264	5.1413032	4.6038397	4.1765469	4.8098590	4.8406346	4.6767671
## 265	5.1345730	4.6189520	4.1778007	4.0610176	4.9734336	4.9022942
## 266	4.7363733	4.7959425	4.7442195	3.7168868	5.6620353	5.2880583
## 267	5.4631451	5.5513305	4.9201995	4.2185795	4.9360673	5.8994578
## 268	4.8931847	5.1494757	4.7107921	4.6908454	4.3817152	4.5281389
## 269	5.7425361	3.7999770	3.8718997	4.7821322	4.8153334	6.0013500

## 270	5.2222225	4.9391398	4.6730854	4.6482304	4.8605679	5.5380970
## 271	4.1579188	5.1327172	5.4662522	4.7362806	5.5028871	5.5215283
## 272	5.2327256	4.0721313	3.6075313	4.5798090	4.2870198	5.3936780
## 273	5.2737032	3.8019475	2.4987142	3.9908530	4.5451269	4.4769536
## 274	5.8990972	4.1226968	4.1952066	3.9981599	5.6575163	5.2090578
## 275	3.8892549	5.6356614	5.0998765	4.1939099	4.6930451	4.9592038
## 276	5.6903347	2.7295815	4.0552481	5.0275824	5.8467108	5.5543068
## 277	5.7800394	3.4439425	2.7572398	4.1318744	5.2831262	5.2044530
## 278	5.4402904	5.3979238	4.7216631	4.5782837	5.3016726	4.9340874
## 279	5.0433099	4.6384265	4.3477050	5.2349804	3.8978312	5.4178483
## 280	5.4616091	4.0566714	3.6508990	4.8882927	4.8708120	5.9604321
## 281	5.1924995	5.1657292	4.6366408	4.3732600	5.5681085	5.2803423
## 282	5.3912240	5.6512103	4.6223830	3.5676376	5.6823171	4.7171534
## 283	6.0302675	6.1512933	5.3225146	4.8376597	5.6172695	5.9721914
## 284	4.8493018	4.6997960	4.2015794	2.7274424	5.9113959	5.0774706
## 285	5.2753944	4.3203653	4.2906644	4.2066678	5.2825977	4.6218630
## 286	4.2891851	4.8622099	4.4381358	4.5196487	4.4494398	4.6405270
## 287	5.4035018	3.9494513	3.3498568	3.5222536	5.2370657	4.6120181
## 288	6.1943852	4.8382124	4.8267226	5.5818939	6.0482535	6.7454715
## 289	5.5358953	4.0430051	3.5898411	4.6312263	4.7951902	5.6030482
## 290	5.8724952	4.9214806	4.1595898	5.2426321	5.9456073	5.2835160
## 291	6.0917967	4.0843464	4.3015901	4.8184440	5.4101306	5.9490995
## 292	5.5346681	4.3997961	3.7560946	3.7581445	5.2329599	4.4950765
## 293	4.8094520	4.8820565	4.8004211	3.7869458	5.8050722	6.0340162
## 294	3.7871957	5.6657806	5.0892963	4.1520042	4.8707627	4.8790348
## 295	4.5824113	4.8664220	5.3902087	4.3925044	6.1315653	5.2484562
## 296	6.0965699	3.7344271	3.4646519	4.3752553	5.3161796	5.5310338
## 297	7.8962137	6.2713588	6.6677635	7.0998598	8.0977649	8.5373388
## 298	6.1662971	5.4568080	5.4366915	4.1251245	6.4701300	6.1368238
## 299	5.3123954	4.7660555	4.5151761	3.4144381	6.1771019	5.6537061
##	85	86	87	88	89	90

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90 3.8861930 4.4066996 2.7080532 3.9730132 3.5636963
91 5.2279144 3.8479895 4.0108628 3.9913203 3.7941075 5.0013617
92 4.8929737 3.0664479 3.5450824 3.6755467 3.0658140 4.8717306
93 5.3853789 2.9557623 3.9458972 4.6582039 4.0618760 5.1587375
94 4.0079014 4.4622869 3.8208113 4.9939623 4.7275758 3.6874926
95 3.1738652 3.8838888 3.5389482 3.5380754 2.6723752 4.0415822
96 4.7479842 3.6461603 3.1067241 2.3009026 3.5668349 3.0624590
97 3.4588113 4.7769373 3.2780768 3.3663334 3.1746052 3.2020981
98 4.9222480 3.8812252 4.4299341 3.7662492 5.0201512 4.7494988
99 2.3429892 4.8436168 3.9560589 3.7340801 3.6088332 3.6097585
100 3.3873275 4.2428070 4.2720373 3.5277382 3.9487853 3.9630961
101 4.2067463 3.3758193 3.5205812 4.1744896 4.2531790 2.6016903
102 4.7843151 3.4218061 2.1714611 3.3961686 3.4418237 3.5613022
103 5.7015015 4.8558578 4.1754569 5.6215747 5.1701455 4.1853437
104 7.3991743 6.2806487 6.2768065 7.4851772 6.4682776 6.5874054
105 4.3681409 3.7002462 3.2706819 4.0042317 3.8067741 3.9404602
106 4.6496281 5.8292778 6.4241218 5.9949832 6.6762131 6.1459976
107 5.0757485 1.9282679 2.5510189 4.0278055 3.2573090 3.8752253
108 4.3837636 4.1349393 4.1460478 3.9999941 3.4848747 3.9506989
109 5.5805525 3.3417427 3.5960577 4.8994232 4.3478407 4.7954226
110 7.4566124 5.6340273 7.9411782 7.2090027 7.0377379 8.1188373
111 6.2650994 4.7557982 5.2451488 5.2883206 5.9708861 6.3974828
112 5.4234228 3.3379586 3.0818200 4.9328029 3.8933100 4.2632624
113 4.4575885 3.5684632 3.2294108 4.5378718 2.7551259 4.1251037
114 4.3900774 4.1730358 5.1783738 4.3065859 5.5754967 5.3718910
115 4.7424488 5.0265303 4.2196346 3.7192496 4.0237926 5.0133490
116 4.1104885 3.9861366 3.6651048 4.2808742 4.3628389 3.4344729
117 3.8564618 4.5781216 4.2915698 2.3524507 3.7064328 4.6477520
118 6.0017527 4.9468520 6.2856502 5.0602642 6.7311375 6.3366332
119 3.8379749 4.8364563 4.2823563 2.3429557 3.8267455 4.3146616
120 4.7280255 4.9106007 4.7262211 5.6025661 5.7254237 5.5813470

## 121	5.4410901	4.5494672	3.7842291	3.4682816	4.4019959	4.2700010
## 122	3.0909227	5.1670865	3.6836968	3.2933917	3.6100953	3.6917411
## 123	3.8715847	3.6645407	3.7448561	4.1343848	3.2692115	4.4032121
## 124	3.6099689	5.1000949	3.5615448	4.4682010	4.2975369	2.2986959
## 125	5.3624532	4.4910176	4.0785611	5.5646799	4.9891067	5.1523885
## 126	4.6643074	3.6922609	4.0327525	4.3714767	4.3498456	4.3861015
## 127	4.6778786	6.5065989	5.1609980	6.6096330	5.1337436	6.3890505
## 128	4.3218072	3.9191707	4.8303973	3.1114082	4.2222069	5.0784566
## 129	4.8471011	3.9350998	2.5052602	4.5147491	3.4823802	3.6413024
## 130	4.6045590	4.6250488	4.6110798	4.2696753	4.2431803	3.8276788
## 131	5.4832203	4.4535223	4.1647762	3.6816378	4.4170136	4.3679129
## 132	6.8358350	6.6379820	6.3656250	6.1718571	6.4938995	6.7120263
## 133	4.1091546	3.6069632	2.5679722	4.3921889	3.0923027	3.8272999
## 134	5.6210231	3.7054961	3.8105133	3.7990683	4.0964151	4.3840161
## 135	7.1401536	6.1397292	5.9711205	6.7752765	6.6738635	6.4425711
## 136	5.1127857	2.8265834	2.9450759	4.1565725	4.0201194	3.9908821
## 137	4.5536959	4.5812085	4.7164438	3.3424089	4.4241022	4.9738712
## 138	5.0623700	4.3685381	4.0173308	4.9487660	5.0189966	4.2751711
## 139	3.9882628	3.9496324	3.7000890	4.3708559	3.4589716	4.6293929
## 140	4.5912418	3.7231590	1.7816578	4.4442555	2.7571990	2.9892815
## 141	4.9361883	4.0473008	3.9374406	4.9983941	4.9447531	4.9452119
## 142	3.9233865	3.2873926	4.1590490	4.5025217	4.3281995	3.7781627
## 143	4.2672014	3.9497871	4.1732581	4.9518224	3.6758958	5.2391355
## 144	3.3287700	4.2137361	3.1965772	3.4997574	3.8707301	2.6447525
## 145	3.9602893	5.2530514	4.5138165	4.9239808	5.2391558	3.9786914
## 146	5.2176970	3.1190315	3.3731246	5.0526116	3.8090541	3.8842243
## 147	5.3756911	3.4836185	3.1288075	5.1493242	3.8581030	4.1382785
## 148	5.8037288	2.8198150	3.5640948	4.0199385	4.1368871	4.7969256
## 149	4.3489427	4.7424434	4.2135199	4.9133159	5.2492910	4.2041390
## 150	4.9080034	4.0001822	2.4501848	4.4223304	3.4406994	3.6746205
## 151	4.1061235	4.9218794	3.7938747	4.8769798	4.7802265	4.8971309
## 152	4.7649061	3.6213870	3.1488181	2.1920135	2.3311950	4.3664750
## 153	5.4205778	4.0527006	2.4964942	4.4212046	3.3088593	4.1550287
## 154	5.2090475	4.0832175	4.2169212	4.8430551	3.6670638	4.9846081
## 155	3.4240218	4.4766372	3.1699277	3.8219569	4.0800492	3.0898209
## 156	3.9181024	4.3739227	3.8189326	3.9529713	3.6491732	3.1628476
## 157	3.9934074	3.6536895	3.7974112	4.4738409	4.3500727	3.7757347
## 158	5.3263388	3.5249937	3.3239399	5.3665707	3.9792841	4.1995746
## 159	5.5186817	4.3016000	4.2883602	3.9545046	5.2694154	4.5629044
## 160	4.6252846	3.7866901	3.7016107	3.3635637	4.0781339	3.5296157
## 161	4.2753971	3.9910661	2.5218090	3.1068902	3.6600844	2.8298692
## 162	5.1356595	4.0594604	3.7823164	4.7378651	4.2408681	3.5134554
## 163	5.2154898	3.4120555	4.7126248	4.3781779	5.0227478	4.6224319
## 164	3.9964902	6.0156935	5.4685077	5.5579463	5.1707169	5.0489317
## 165	4.4825959	4.3442939	4.8323068	5.3752213	4.1427494	5.3103774
## 166	3.5063865	5.6344038	4.3360616	4.6742242	4.5195842	5.2112956
## 167	6.2972226	3.4590046	3.8942026	4.6804910	4.3427317	5.3759471
## 168	4.8531181	5.6937809	4.2934704	5.9306867	4.5545482	5.0832250
## 169	4.0217524	3.6987440	3.9618582	4.1145128	3.6069245	4.7436836
## 170	4.3242084	4.2226182	3.1740339	4.5866745	4.1376239	4.4187758

## 171	4.6448623	4.3448817	4.3932448	4.1533028	3.9579068	4.3717085
## 172	6.5817999	4.7768346	5.4001970	6.1722078	5.5841750	5.8580643
## 173	5.5215383	4.8982537	4.3286563	3.5613006	4.8457343	3.9134562
## 174	4.5323665	4.0281266	3.3595700	4.8647630	4.0768729	2.6493390
## 175	4.4946481	4.3506588	3.3766429	3.7930814	3.0150565	4.2720134
## 176	5.6689208	3.3844313	4.6117639	3.7844806	4.8723311	4.7858156
## 177	6.0365518	4.5927533	3.7383586	5.3143702	4.7742652	4.7938190
## 178	4.7034272	4.1431551	4.0109440	4.3893081	4.4509597	3.9388998
## 179	4.8973156	3.7680900	4.7373198	2.5980369	4.0991842	4.3672461
## 180	5.3925960	2.9088848	3.5125977	4.7048665	3.9393651	4.2352750
## 181	4.7182655	3.2766164	3.6170011	4.5913355	2.6719803	4.5349429
## 182	4.0202579	5.2487483	4.8642828	4.9947469	4.7107127	4.6848573
## 183	4.4805544	4.8231471	4.5873521	5.3390226	4.4797582	5.2135992
## 184	4.6915911	4.8506495	3.3429889	4.8225772	4.5779334	4.5206672
## 185	4.5197302	4.8730760	4.4692831	5.4272928	5.1492013	4.1926328
## 186	3.5670786	4.3708040	4.8988031	4.3527061	4.5422122	4.7624723
## 187	4.9111490	4.3827902	4.1929782	5.4562607	4.6990471	5.4139819
## 188	3.8331062	5.0845902	5.5389377	5.8379182	5.1518666	5.5517977
## 189	3.1675122	5.0023084	3.8117229	3.2823820	3.5367054	3.8662248
## 190	4.4505415	3.6250378	3.1313046	4.4928816	3.2471177	4.0785262
## 191	5.1700417	4.1741273	4.4002507	4.4629432	4.4690216	5.2699908
## 192	5.0629825	3.8353276	4.6511376	4.0118306	5.1070484	5.0363113
## 193	4.8550386	4.2162839	4.2287351	3.9624500	3.8011281	4.7772607
## 194	4.8348396	5.2415504	4.7551541	4.4781772	4.7591247	4.1226256
## 195	4.6200899	5.2750835	3.0907511	5.8438566	4.0384675	4.0579014
## 196	4.6701582	4.6177152	4.7947941	4.5160805	5.4578289	4.1368881
## 197	3.7726194	4.3665967	3.5029427	4.1994753	2.6539112	4.4818331
## 198	4.4924013	3.6052893	3.5296085	5.0657479	4.3248907	4.2325849
## 199	3.1509160	5.3972552	4.2623656	4.6390457	3.9092202	4.1566008
## 200	8.1581189	7.4034968	6.8887451	7.7127128	7.0794567	8.4607966
## 201	5.5730685	4.7164184	3.9801181	4.5958850	4.8085352	4.0211203
## 202	5.1913235	3.5199123	3.9559934	3.2043957	2.7333293	5.2130694
## 203	5.4638440	3.6606125	2.8767028	3.3451835	3.7072021	4.2367227
## 204	5.6285119	5.2914699	3.6044010	5.6665018	4.6759711	4.4054589
## 205	5.3981707	4.3174005	4.4881504	4.4246316	5.2538485	4.3861510
## 206	4.0026108	3.9714409	4.8523431	3.8861979	4.1737716	4.9706761
## 207	4.4551529	3.9231378	4.2093960	4.7689663	4.3796041	3.8848273
## 208	5.6693804	4.1319187	3.5876252	4.8022472	4.8046509	4.5230878
## 209	4.1015621	4.7569529	5.1571913	4.3650773	4.7132101	4.7951860
## 210	4.3485361	4.9397588	3.8877538	4.7733343	3.4331693	5.2305527
## 211	4.7940050	5.1280546	4.4171982	5.0617976	4.2593625	4.9178033
## 212	6.0728370	4.4037525	3.6047697	4.3963359	3.9537578	4.7046470
## 213	6.2600404	3.6219143	5.1475410	4.9976931	5.5590854	5.8363154
## 214	3.1867593	5.9326664	4.8034325	5.0682006	4.5740249	5.1640022
## 215	4.3401125	4.1100846	2.9917929	3.5536693	3.9067669	3.1343875
## 216	5.0199536	4.2893315	2.3284011	4.3287011	3.8004995	3.7783366
## 217	4.6476703	3.9043300	3.9619824	4.1747317	4.4030795	4.6255984
## 218	9.1690868	9.7126338	9.0859477	9.0972315	9.5890238	9.3150347
## 219	4.4908199	4.3552738	4.3027501	3.7713540	4.1832716	4.3824875
## 220	3.5416154	4.1561769	3.9744734	4.0837392	3.1571626	4.5347936

## 221	4.9270305	4.7125795	4.1606766	5.8843947	5.1979109	4.8910900
## 222	5.9429095	3.8107216	4.1265666	4.7839449	4.6346263	4.5192304
## 223	5.2846010	3.6961515	4.5536187	4.9233828	4.6583032	4.3064590
## 224	5.5455455	4.1397805	3.0091431	5.5977978	3.9142052	4.1639584
## 225	4.9892743	3.6199533	4.8684863	4.9869925	4.2385016	5.3078231
## 226	6.3126081	5.5102068	5.6172685	5.3475830	5.6587611	7.0905373
## 227	5.5050780	4.9624490	4.2155264	5.4474023	5.0801800	4.3626272
## 228	5.1053081	5.3004689	3.9159121	4.7593304	4.5531061	3.4700741
## 229	6.4639693	6.1920042	5.4814263	7.1036709	6.4596126	6.3713418
## 230	4.8686758	4.3123142	3.9738268	5.5528815	4.9402580	4.8146503
## 231	5.6605520	6.0899948	4.8136345	6.8096795	5.8417987	6.0834489
## 232	5.8669567	4.3124375	3.7119538	5.2840867	4.7388539	4.7768753
## 233	4.9616175	3.4951563	3.6851545	4.5697350	3.9896948	3.6142696
## 234	5.2484309	3.8001548	4.3624458	4.6502456	4.7467399	4.2854896
## 235	5.3737612	3.6871902	4.3223344	4.3931406	4.6683030	4.3676633
## 236	4.9635555	4.0783911	4.1922785	3.2046222	4.7737213	4.2313059
## 237	5.3930338	4.1591890	3.7479663	4.0109450	4.3286214	3.8615790
## 238	5.5987539	4.1806007	3.2126999	5.2195967	4.4706632	4.4816873
## 239	3.9244095	4.5985273	4.6820416	3.9993267	4.4501303	4.6948496
## 240	5.3771219	3.8255499	4.1825889	4.3625439	4.6418442	4.2378225
## 241	4.3697923	4.6918247	5.1759074	4.6668985	4.6783497	5.6262174
## 242	5.2084561	4.4554641	4.2262589	4.9013954	4.0983141	4.9711963
## 243	5.8190346	3.6503792	3.7721713	5.4844746	4.1139507	4.7500089
## 244	4.0333783	4.9933945	4.0437700	4.1089398	4.7971399	3.5560424
## 245	5.0154532	3.6778400	3.6895439	4.3543112	3.2948854	4.8301769
## 246	4.3169863	3.9246444	4.1425351	3.4311782	3.7925399	4.0545994
## 247	4.8767751	4.1720734	4.3517416	5.8240037	4.8324048	4.8583745
## 248	5.3624113	3.9175625	3.3222743	5.3241046	4.4122902	4.2415605
## 249	5.7066029	3.4377225	4.1136109	5.4390412	4.2037384	4.5592414
## 250	4.9850556	4.5963922	4.3464654	5.0697572	4.0952707	5.6499973
## 251	4.8393184	4.5902503	4.5145896	5.5814528	4.6691798	4.9960425
## 252	4.2204843	4.1464542	4.3003416	4.7265188	3.7333901	4.6194478
## 253	5.1981176	3.4759272	2.4290415	4.1362030	3.1176298	4.1811197
## 254	4.2440808	5.1590056	3.8524749	4.4796202	3.8924711	5.0234480
## 255	5.0546990	3.8283407	3.5862758	2.9322337	3.8685609	3.7481133
## 256	4.1679110	4.8917958	4.4849555	3.9573937	3.8079257	3.8480919
## 257	4.7525317	3.5285030	3.8697283	4.9551277	4.5443687	4.5577634
## 258	4.3055856	4.0269146	2.9834680	3.4662608	2.3063634	3.8722078
## 259	4.5797250	4.5917028	4.2902100	4.6414879	3.8298319	4.2193855
## 260	6.0535240	3.2748002	4.0837046	4.8957391	4.4209138	5.2363756
## 261	5.3594214	3.0596883	2.9402015	4.6198111	3.6750264	3.9900274
## 262	4.7180028	4.2889659	4.4611660	4.7581024	5.0567885	4.7148686
## 263	4.6659788	5.8179928	5.1039625	5.4310471	5.2480257	5.4062434
## 264	4.8428031	4.8604162	5.2269843	3.7370195	4.9091470	5.2440024
## 265	5.0458857	4.1884482	3.7602458	4.3827252	3.4787180	4.3384016
## 266	5.2980885	3.8526359	4.6679605	4.8801308	4.8647110	4.3161519
## 267	5.5132450	5.1520489	4.7649585	6.5220080	5.4373272	5.4530829
## 268	4.7626078	4.7553189	4.2542609	4.0914781	4.0098787	3.9501115
## 269	4.5092357	3.9636743	4.5473942	4.8891626	3.7583074	5.1257399
## 270	5.4908606	4.2729450	4.0532612	5.1131534	3.4737714	5.2557193

## 271	5.5433469	5.3902167	4.2579083	5.3744405	3.8820314	5.4649183
## 272	4.7907516	4.4088911	4.3244114	4.9427839	3.9012110	5.3722185
## 273	5.2454861	4.2859581	3.9305947	5.3369336	4.8300020	5.0650019
## 274	5.5927403	3.2838647	3.3106415	5.0094777	3.6532837	4.1459619
## 275	5.0936752	5.3071738	4.7060659	4.8103977	4.6025750	4.5285084
## 276	4.7344255	3.9209011	4.0730022	5.0586001	4.1490643	4.9132693
## 277	4.8530630	3.7978397	4.3614947	5.1756665	4.9168282	4.6900708
## 278	5.6836333	5.2813313	4.2199581	5.0195188	4.3451570	4.8123630
## 279	4.1102764	5.0018873	4.8506025	4.8778461	4.4571155	4.7580027
## 280	4.7690821	3.9511493	5.0703482	4.9918005	4.4651842	5.8068129
## 281	5.6561495	4.7659612	4.7817895	4.9396180	4.6229690	5.4765587
## 282	6.6402144	5.5403602	4.4578696	6.0132974	5.5387275	5.3237095
## 283	7.0732576	5.7483997	5.1312864	6.9827129	5.8202916	6.3020646
## 284	5.9294040	4.1321837	4.2821365	5.3540155	4.9051275	4.9707809
## 285	4.9652829	3.3742571	3.9657329	4.2294145	4.2497680	3.5686598
## 286	4.6873375	3.9849327	4.5359495	3.7871562	4.0343729	4.6523132
## 287	5.2609445	3.1122464	3.3798387	4.7838751	4.0658661	4.0312873
## 288	6.0050224	4.4001146	6.0967807	5.4997888	5.2912475	7.1092873
## 289	4.4555633	4.4552281	4.6527938	4.8639261	4.3166841	4.9830557
## 290	5.2522375	5.1354982	5.8566664	5.2535560	6.4026382	5.2448723
## 291	5.1927694	4.2508518	4.8131953	4.7062463	4.0191350	5.5316114
## 292	5.5607680	3.9825306	3.2257965	5.0993907	4.1692021	4.0233463
## 293	5.4420702	3.8962188	4.8527834	4.8649267	4.1415640	5.3729730
## 294	5.2675894	5.2591496	4.8693055	4.6860118	4.7563790	4.8365703
## 295	5.2436630	5.3085285	4.1253400	4.5910383	3.8193662	4.5051311
## 296	5.2419535	4.1323994	4.4124345	5.5472531	4.8384991	5.0373630
## 297	7.3406337	5.6747443	7.9292933	6.8328713	7.0189238	8.4910649
## 298	6.5722776	5.1193146	4.7989907	6.2517572	5.1961071	5.3508127
## 299	6.2550635	3.6617363	4.7267566	5.4451890	4.9425805	5.6188313
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97 4.1070488 3.4413241 5.4093343 3.6942737 3.7611826 3.9877836
98 4.3364113 4.0315135 3.1560830 4.3600069 4.4222126 3.3468581
99 4.6537605 4.1424454 4.9067919 4.3677281 2.6124316 4.3737982
100 3.8115605 3.5436557 3.8831932 4.0444898 3.1907408 3.9932025
101 4.1775935 3.8560551 4.6862533 2.7878590 4.3335792 3.7632961
102 3.7038425 3.3384096 4.2492080 4.2906777 3.6045006 2.9977617
103 3.5804039 4.7826564 5.6478608 4.6381222 5.1301361 5.1753565
104 6.3452341 5.9469745 6.2253467 6.6776136 6.9492088 6.9764917
105 4.8034295 4.5294757 3.2793604 5.1076505 2.7899136 3.3827117
106 6.2150968 6.4612025 6.6421572 5.7163129 5.4752656 6.2600505
107 3.3270360 2.3096034 2.6877067 3.5632939 3.9621600 3.4090145
108 4.1865307 3.0358300 4.3720432 3.9007285 4.3802023 4.2231945
109 2.5436153 3.0181035 4.0814614 4.0741369 4.7570286 4.6241145
110 6.7111075 6.5946615 7.4120933 8.0697199 6.5983242 8.0344962
111 3.6327970 4.4726995 5.3188293 4.8444987 6.0017912 5.2660209
112 2.5815633 3.3257658 3.9037948 3.7928155 4.6190411 4.4095190
113 3.3118262 2.2103567 4.2376510 3.7072131 3.6963633 4.8511613
114 4.9679016 4.6098119 3.8997568 4.0337409 4.8237010 4.1320572
115 4.5117112 3.3633363 5.3619601 4.5710712 4.7203871 4.4985216
116 4.4379898 4.0891658 3.1693221 3.4870584 3.9958125 3.4946001
117 4.4486123 3.9684806 3.9206313 5.2502772 3.1218972 3.1892689
118 5.7343499 5.4477738 5.2411617 5.8243090 5.5868304 5.2514408
119 4.5004272 4.3277776 4.1769144 5.3153299 3.1202982 2.9874944
120 4.6165762 4.3734175 4.7535352 3.8741516 4.8698539 5.4758018
121 4.0038538 4.4729470 4.5084175 4.7635031 5.0530209 2.6651253

## 122	4.3257884	4.0682286	4.6394809	4.4344301	3.0536228	3.7457726
## 123	3.3032517	2.9181641	3.2995220	4.5282892	2.3793241	4.5316060
## 124	5.4625182	5.3929356	4.7418382	4.4917628	3.6815478	3.5752067
## 125	4.7562880	4.0653824	4.5547096	3.1129743	5.5378169	5.0462373
## 126	4.7828305	3.9720745	2.2729330	3.9696919	4.3512346	3.6202009
## 127	6.0551103	5.1279322	6.0058362	5.0554367	5.2523661	6.9015119
## 128	4.0089257	3.3975894	3.2372291	4.8691839	3.6522452	3.8036850
## 129	3.2899462	3.9799364	4.7712171	4.3797475	3.9841635	4.1013018
## 130	4.6975575	4.3514372	5.1061632	4.2068892	4.6334578	4.4068863
## 131	4.4421974	4.6541870	4.4965633	5.2122862	5.0224445	2.9081221
## 132	6.1717664	5.3814849	6.4253811	5.6233494	6.9499025	6.3794926
## 133	4.7379823	3.9412970	2.7325445	4.6447599	2.7408947	3.7187266
## 134	3.8957374	4.7792226	4.4840974	5.7041591	4.2046511	3.2281579
## 135	5.2219089	5.2938451	6.4040478	6.1708447	6.6562090	6.5423638
## 136	3.1041335	2.6574752	3.8769352	3.5896944	4.1398408	3.8344685
## 137	3.9489300	3.6812773	3.6384897	4.7993179	4.0218627	3.7887741
## 138	4.4563845	3.6420428	5.0563319	2.7876213	5.3358077	4.7253342
## 139	3.2266404	2.5914640	3.4443704	4.3010970	2.7897891	4.7848544
## 140	4.5051028	3.6686380	4.1476048	4.1581388	3.7169153	3.6983528
## 141	3.9151425	3.4890370	4.8218142	3.0583147	5.0273567	4.8176098
## 142	4.8928638	4.2380097	3.1833619	3.8806498	3.7469929	4.0208808
## 143	3.8991631	2.6791177	3.5936080	4.5571056	3.2696991	5.4279048
## 144	4.8699164	4.6609981	3.9059622	4.1897603	3.0772416	2.7270866
## 145	4.7972666	5.3100013	6.1952654	3.6468480	5.1466068	4.7166049
## 146	3.1684063	3.8938562	4.1447472	4.1658427	4.3483529	4.5105265
## 147	2.8770561	3.5662210	4.1139983	3.8704660	4.6216159	4.6040508
## 148	3.6519114	2.7703638	3.0257210	4.5470783	4.5946322	3.4691933
## 149	4.5615366	4.1775183	5.3199838	1.4877926	5.4681587	4.5762745
## 150	4.4542261	3.5119275	4.3509786	4.3934986	4.0502697	3.8516683
## 151	5.0022790	4.6707884	4.3751032	4.1875703	4.1244750	4.4899680
## 152	3.4216843	3.0309328	4.0641119	5.2574349	3.0607760	2.9590611
## 153	3.4923743	4.0043216	4.1255205	4.6990339	4.4171980	3.6812665
## 154	2.7141913	2.8587330	4.4589095	4.7695472	4.3648490	5.1390967
## 155	4.7679952	4.3933182	4.1488796	3.9190849	3.4028558	3.2865684
## 156	3.7930454	3.4262563	5.0157976	3.1977476	4.1557908	4.2493695
## 157	4.5600369	3.9200778	3.1431613	3.3116256	3.9567487	3.9349080
## 158	3.1837443	3.6785837	4.3108370	3.8672322	4.6572586	4.8915073
## 159	3.9994717	3.6840301	4.8110378	3.8180574	5.3347763	3.7079793
## 160	3.9437973	4.5076199	4.7677692	4.4953319	4.2944919	2.9627510
## 161	4.2469664	3.7912720	4.5582189	3.3850884	4.1875976	2.4821817
## 162	3.8242256	4.4054425	4.3794782	3.6627504	5.0889668	3.9111740
## 163	3.6708096	4.0744321	4.7852346	4.2441721	5.0006780	4.3326601
## 164	5.6534000	5.1280111	5.1278084	4.5034233	5.0599730	5.4783922
## 165	4.7817081	3.5643107	4.9301902	4.3152231	4.6421128	5.6866254
## 166	4.5303796	4.2860388	5.2799747	4.6817226	3.6799813	5.1766353
## 167	2.9676905	3.5116190	3.4120750	4.8888355	5.1808499	4.1222986
## 168	4.5728550	4.1888882	5.7462659	3.3731231	5.3840931	5.9715247
## 169	3.2358706	2.6062638	3.3669049	4.5758669	2.5957089	4.6473468
## 170	4.5000773	3.8749525	4.0301921	4.6756298	3.2471761	4.3790939
## 171	2.9651381	3.3974325	4.7902667	3.9707943	4.6375023	4.5196388

## 172	4.9878802	4.7576433	5.1269060	5.8860458	5.8410844	5.7982134
## 173	4.4358229	5.4440865	5.2796734	5.4078550	5.0233807	2.6971712
## 174	4.6460151	4.2198468	4.7056263	2.7863464	4.7744969	4.1528341
## 175	2.4847956	3.4549909	5.1537027	4.9579477	3.4002181	4.4087105
## 176	3.4998923	4.1467855	4.1084980	4.6021969	5.1518695	3.3989514
## 177	3.0378151	3.8096743	4.6105764	4.4042852	5.3348419	4.7291216
## 178	4.8411561	4.5170515	2.8983731	4.1654220	4.3686448	3.4002559
## 179	3.9598049	3.8267061	4.4571005	4.8877663	4.2657129	3.2291813
## 180	2.8572582	3.5224870	3.8038272	4.3474738	4.3752421	4.2004765
## 181	3.7150609	2.4213584	3.9935265	4.2574153	3.7764685	4.9100177
## 182	3.6457955	4.3013822	5.8033315	3.1568715	5.1983964	5.3291482
## 183	2.9673159	3.7363382	5.5722300	3.7989413	4.7784690	5.7639260
## 184	4.7148915	4.4143543	5.2948490	3.6013262	4.8525635	4.4488535
## 185	4.2721929	4.8609210	5.4618068	2.5166540	5.5903827	4.9376408
## 186	4.3945905	3.7239808	5.4175078	3.0056894	4.6932750	5.0342998
## 187	4.8492127	4.2198704	3.0220602	4.0825331	4.7437991	4.8166850
## 188	5.3213003	4.7006386	5.2221617	4.8911218	4.1163446	6.2202959
## 189	4.4574229	4.0515282	4.4589911	4.5704515	3.0082553	3.7430071
## 190	5.1166818	4.4909348	2.8434033	5.1772463	2.9406211	3.7563133
## 191	3.2547659	2.5668899	5.1557688	4.4857981	4.3572600	5.2389955
## 192	4.6172750	4.1127636	3.1136816	4.5034951	4.5578787	3.6485897
## 193	3.8746836	2.7884683	4.4985210	3.8598814	4.7500718	4.4338188
## 194	3.1990612	4.4407055	5.8693951	4.3869345	4.9123821	4.8038064
## 195	5.5379218	4.9456665	5.3613867	3.5695658	5.0806955	5.1106399
## 196	4.9605689	5.0244043	5.3584761	3.4248948	5.3615985	4.0216773
## 197	4.5175843	3.6870598	3.7082530	5.1950424	2.2467910	4.4925345
## 198	4.1131532	3.7626515	3.5115858	4.0780285	3.5142983	4.6917595
## 199	5.2113190	4.4761884	5.1694460	4.6151295	3.5221548	5.0214409
## 200	5.7275230	5.3401176	7.2079237	6.7945513	7.8187109	8.1032634
## 201	4.6168841	4.1284082	4.5222768	3.8926357	5.4792496	3.7267491
## 202	4.3182997	3.3069427	4.0268564	5.7173169	3.6067111	3.8783455
## 203	4.1010154	3.9041292	4.0811779	5.0330730	4.0943474	2.7046242
## 204	4.5704414	5.0599237	5.6421297	4.7434677	5.1612221	5.1322418
## 205	3.2914643	4.3342327	5.2321139	4.0606152	5.2615133	4.2056390
## 206	4.3726574	3.5375873	3.6510794	4.6217406	3.6189218	4.4857837
## 207	5.1852403	4.6866328	3.1820874	4.2244128	4.2162723	3.9665169
## 208	3.5994961	3.6086679	4.8604484	4.0990849	4.8746887	4.5005056
## 209	4.7380109	3.9822645	4.3696856	4.9141604	3.9342225	4.7805456
## 210	4.6701782	3.5793321	4.2337965	5.2898788	3.3060126	5.1589596
## 211	3.7439175	4.3626046	6.3168032	5.3450387	4.1572486	5.7526345
## 212	4.1995092	4.7861341	4.2216840	5.7202659	4.8358757	3.4544413
## 213	3.6062385	4.3212905	5.1003347	5.4952072	5.1971511	5.1302387
## 214	5.6175369	4.8829223	5.3635964	4.1834638	4.5476100	5.3666079
## 215	4.5321366	4.0363956	4.8967819	3.6601906	4.2929491	3.1519809
## 216	4.1181309	3.7066445	4.7936462	4.1758864	4.2002823	3.8780900
## 217	4.8719136	4.4439037	3.8763909	5.5329394	3.1048966	3.9410170
## 218	9.9287562	9.5664362	8.6824092	8.7212580	9.5526641	8.5493476
## 219	3.5998190	2.7657641	4.9647138	3.6885850	4.5079050	4.4094836
## 220	4.5350923	3.8974464	4.2675248	5.4487626	1.7020159	4.6884960
## 221	4.6453583	4.1899554	5.5002422	2.8686367	5.3500914	5.6390274

## 222	3.3772386	4.5357942	4.4424396	5.0654067	4.8503285	4.1519576
## 223	4.3357487	4.6050584	4.6233256	4.2630580	5.1411574	4.4693292
## 224	4.4342560	3.6996046	4.2548854	3.7218622	4.9775075	4.8934802
## 225	4.2852009	3.3685023	5.2605240	5.0420524	4.1000667	5.7374528
## 226	4.5050008	3.7095382	4.6642968	5.9815147	5.3240712	5.9373916
## 227	4.0073547	4.5071086	5.3145530	3.5145247	5.7121772	4.9505284
## 228	5.6594111	4.9943111	5.3174634	4.6938295	5.1515600	3.9046065
## 229	6.0909668	5.5426543	5.6211200	5.2274132	6.1728593	6.7573218
## 230	4.3643073	3.9580051	4.2803665	4.1638352	4.1754422	5.3265321
## 231	5.5847291	5.0965234	5.0688047	4.0971475	5.9927607	6.2843094
## 232	2.8720936	3.8559058	4.7905453	4.2095799	5.1614253	4.8715263
## 233	4.7579359	4.0131345	3.9879483	3.4360621	4.8745566	3.8377741
## 234	3.8502769	4.1609988	4.5303090	3.9362969	5.1353516	4.2217721
## 235	3.7028144	4.0968045	4.2820199	4.0870304	5.1312843	3.8965818
## 236	4.8070268	4.5000132	5.2183866	4.7632620	4.5646655	3.2230930
## 237	4.8624906	5.0459459	5.1292961	5.5594979	4.1022683	3.4740784
## 238	3.8321070	3.3735999	4.6183173	3.6174118	4.9854185	4.7945117
## 239	4.0826914	3.5015191	4.1928841	4.3158200	3.7798549	4.5305213
## 240	3.5805519	4.1561664	4.3294731	3.9617878	5.1514591	3.7942391
## 241	5.1043922	4.6394389	5.4190429	6.1310619	3.0139041	5.6014305
## 242	2.2785890	3.1843848	5.1087503	4.5846536	4.4622203	5.3213517
## 243	3.7619882	4.0558690	4.0698993	4.4897271	5.0077322	4.8943709
## 244	5.2316363	5.0221299	4.7341085	4.7493887	3.8756454	3.5792058
## 245	3.3337607	2.0998415	4.0760798	4.1954445	4.0869708	4.7379853
## 246	3.6049597	3.0100107	4.6625008	3.6835496	4.1998064	4.0230159
## 247	5.0440180	4.1639022	4.9286901	3.5704469	5.1236081	5.4637915
## 248	4.1485531	3.5998575	4.6114947	3.4977370	4.8018554	4.9033861
## 249	4.0807082	4.4081437	4.2182472	4.8698803	4.7978801	4.8601162
## 250	4.0296981	3.0753125	3.6792469	4.8465917	4.0240222	5.3897048
## 251	5.8563120	4.9217137	4.5659159	5.7636046	3.8704869	5.3144273
## 252	4.1350316	3.7458399	3.8449056	5.0208315	2.9348282	4.9788470
## 253	4.4152584	3.5650888	3.8377170	4.5396810	4.0883115	3.5539971
## 254	4.2484519	3.7904386	4.7992235	5.1583420	3.1958124	5.0136125
## 255	4.9451969	4.4379457	4.1058961	4.7584614	4.4861120	1.8932368
## 256	4.2499724	4.7928387	5.7958386	5.0803669	4.0925203	4.4410372
## 257	4.2808626	3.8607177	3.3138641	4.3754826	3.6713131	4.5847464
## 258	3.8150935	3.3407155	4.7125477	4.8425654	3.0133557	3.9406479
## 259	4.4409010	3.6944182	5.0694338	3.8360891	4.7176082	4.8897982
## 260	3.2446105	3.7459449	3.8889442	4.8631213	4.9820430	4.5059522
## 261	3.8454578	3.3584310	3.5992824	3.8906010	4.3808676	3.9478497
## 262	4.7522345	4.0979716	3.8228389	4.0409905	4.5880899	4.4205437
## 263	4.8365525	4.2527099	6.1128783	3.1810310	5.8019948	5.7947293
## 264	4.4474190	4.3028117	4.2344407	5.2888460	4.2786229	4.1896712
## 265	3.5199842	3.1985592	4.5501277	4.5415644	4.0773464	4.5588836
## 266	4.2630522	4.6638056	4.8689263	4.3621696	5.1463247	4.4922292
## 267	4.6482360	4.8055316	5.6208946	3.8355971	5.8818496	6.1470095
## 268	4.2220285	3.9234935	4.9431701	4.0310426	4.7134953	4.1880842
## 269	4.4256041	3.6623982	3.5586566	5.2173641	3.2223515	5.1822829
## 270	4.1629498	2.9581611	4.3371735	4.6646788	4.6885082	5.2881365
## 271	4.2396517	4.2248406	5.5596043	5.4596856	4.8858567	5.6406258

## 272	4.0890940	3.2186830	3.5503039	4.9495547	3.7087627	5.2109275
## 273	4.3279815	3.8631190	3.6735212	4.4066049	4.3715193	4.9526765
## 274	4.4850159	3.9549645	3.6305836	4.3835183	4.6089727	4.2063766
## 275	3.4709871	4.2751484	5.6318722	4.3452147	5.1848014	5.0188969
## 276	5.4924299	4.6800152	3.8819893	5.5178142	3.4768273	4.7775657
## 277	4.6009947	4.3309792	4.0160659	4.8325413	3.7812157	4.9171047
## 278	3.9907159	3.9988868	5.3230694	4.9496504	4.9258088	5.0619172
## 279	4.8049339	4.0420303	4.4839242	4.5037838	4.1741233	5.1395006
## 280	4.4677101	3.6335669	4.1497682	5.4066624	3.5559755	5.6422708
## 281	4.1008728	3.1777964	5.1197863	5.2140563	4.8283613	5.3587926
## 282	4.1020756	4.8934639	5.3808145	4.9019399	6.0701713	5.3536671
## 283	5.2781865	5.2356791	5.5822096	5.1970817	6.6841305	6.4719753
## 284	3.5392447	4.0086294	4.7098514	4.7824300	5.1303040	4.9685603
## 285	4.6811535	4.2374096	4.2082150	3.8320792	4.7253319	3.5682477
## 286	4.0255482	3.1904435	4.7124513	4.1268320	4.5047420	4.3975951
## 287	4.0739302	3.6134551	4.0825432	3.9782623	4.3543682	4.2963079
## 288	5.3901026	4.2378099	4.3027160	6.5202962	4.7500624	6.1854088
## 289	4.2021971	3.8333936	4.3261751	5.1722139	3.3045874	5.2500696
## 290	5.5567904	5.6434174	5.7583951	5.4516815	5.0435017	5.2898358
## 291	4.5780759	3.9844857	3.2495050	5.7491232	3.7559039	4.8571577
## 292	4.1979817	3.9030915	4.2858607	4.0057734	4.7863223	4.3791397
## 293	3.2594747	3.7995948	4.9471913	5.3796846	4.3893994	5.3602439
## 294	3.4116097	4.2429144	5.6271354	4.5429442	5.2542814	4.9948475
## 295	3.8332271	4.8283475	5.7391498	5.7209399	4.2620768	4.7701095
## 296	4.9964708	4.2332999	3.5239507	4.9701426	4.2919468	5.0730128
## 297	7.1634708	6.1268730	6.0822770	8.2755540	6.1702062	7.5798078
## 298	4.8739256	4.9933176	4.9631478	5.4601231	5.9026698	5.5205762
## 299	4.0919946	4.3216283	4.4757142	5.2202743	5.2995348	5.1676479
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## 101 3.3622329 3.8521652 3.7308014 3.2924297
## 102 3.5391672 3.8665656 4.1816117 4.3644652 3.6103381
## 103 5.0629951 5.2604420 5.5140345 4.7815284 3.6581544 3.9968447
## 104 6.7699921 7.3530664 7.2425292 7.0070546 6.2209170 6.4520071
## 105 4.7423418 3.7177053 3.9649122 3.9447573 4.3685024 3.0846182
## 106 5.7843527 5.8818716 4.9348588 6.0204872 5.4884817 5.7441950
## 107 4.0466107 3.4978609 4.5431147 3.7882301 2.9700982 2.6915065
## 108 3.2258172 4.6032034 3.9008608 3.2538904 3.3616914 4.6538234
## 109 4.3423472 4.2828663 4.9243994 4.6027514 3.6856475 3.3834363
## 110 7.5160733 8.0586059 7.1126459 7.5590003 6.9437666 7.5817173
## 111 5.8743539 4.5037913 6.3655116 5.6581036 5.3843440 4.1863617
## 112 4.3163330 4.3821149 4.8411759 4.3632523 3.5343678 3.6214427
## 113 3.1546920 4.9444683 3.7718349 3.5351565 3.3903689 4.0029254
## 114 5.3018592 2.3740207 4.7563961 3.7612659 4.3647720 4.4932475
## 115 2.3687032 4.7570184 3.5484597 4.5386395 4.7042982 4.0760764
## 116 4.1069990 2.3109297 3.5912150 2.1908705 2.9036315 4.0420351
## 117 3.7365142 3.0608444 3.0461773 2.9220191 4.8303214 4.0326518
## 118 6.0082212 3.5454953 5.4012978 4.8231574 5.0148392 5.0445189
## 119 3.9509223 3.1314362 3.2965188 2.7098046 4.7613591 4.0006458
## 120 5.1697269 3.8623732 4.9441914 4.3972168 4.5348718 3.9234176
## 121 4.2244869 3.8658390 4.8654965 4.7203416 4.5701178 3.5308276
## 122 2.6559263 3.6013448 2.0294576 2.3821993 4.1660417 3.8604469
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## 123	4.0612067	3.6541110	3.3410269	2.0711158	3.8278226	3.9764710
## 124	4.0978139	4.2100094	3.4160576	3.4344265	3.6210067	4.1168727
## 125	4.9329717	4.8534018	5.5378754	5.0637638	4.4757482	4.1652392
## 126	4.5027044	2.4714106	3.9929447	3.0165675	3.8147372	4.5374806
## 127	4.6312370	6.5410508	4.4925190	5.7634806	6.3553567	5.8541940
## 128	4.3319832	2.3542737	3.6597599	2.0750024	4.3045509	4.5864245
## 129	3.6941073	4.9642824	4.2328871	4.8482798	3.8582822	2.8281360
## 130	4.0435258	4.9269199	4.3086116	3.4053659	3.4892944	4.9855980
## 131	4.5987774	4.3639700	5.0882233	4.9724112	4.6938562	3.9505779
## 132	5.4520021	6.0516517	6.1124929	5.7796886	6.0476207	6.2403560
## 133	4.0997524	3.9964711	3.4468678	3.9705579	4.2627385	3.2531579
## 134	5.2984288	4.7110677	5.4174897	5.1304578	4.7669143	3.2906986
## 135	6.1606091	6.3128950	6.8262414	6.4370207	5.6189320	5.1701523
## 136	3.9677967	3.4504011	4.5486593	3.8169268	2.7344709	2.1492021
## 137	4.3763984	2.2721359	3.9622885	1.9256063	4.4571715	4.5303350
## 138	3.2344208	4.0800790	4.1147795	4.1840093	2.7229672	3.8994583
## 139	3.7546246	3.6530293	3.2181052	2.2828612	3.9113203	3.8977001
## 140	3.4670847	4.9998890	4.1185954	4.6417070	3.6411384	2.7497378
## 141	4.5391493	4.2510220	5.1807936	4.6786200	3.7973760	3.1739974
## 142	4.3230573	3.2325591	3.3653356	2.8609871	2.8408208	4.5742893
## 143	3.9039236	4.3737556	3.3032931	3.2850223	4.3260035	4.5571375
## 144	3.6269078	3.0494278	2.7483313	2.9479994	3.3380597	3.3720413
## 145	4.0385930	5.3970395	4.4591301	5.1881642	3.8861110	4.1714936
## 146	4.6477578	4.8832560	4.8811271	4.4221623	3.2832171	4.0347339
## 147	4.3716817	4.7057699	4.8541723	4.4457789	3.4994644	3.8848654
## 148	4.8242778	3.3845742	5.3650781	4.3109245	3.9870070	2.8545534
## 149	3.8397824	4.0947324	4.6093476	4.1872003	3.0369180	3.9672186
## 150	3.5741611	4.8367053	4.3687520	4.8264857	3.9186086	2.3841170
## 151	4.7141082	4.0926987	4.3892910	4.6004279	4.9816347	3.3447064
## 152	3.8341664	4.2477658	4.2732141	3.9973591	4.7032837	2.7728053
## 153	4.2209388	4.7718947	4.8243814	5.0055664	4.6439215	3.2518582
## 154	4.1835769	5.2956452	4.7267713	4.3131450	4.3222187	4.4767560
## 155	3.1545411	3.0697419	2.4790589	3.1425455	3.3803991	3.2208504
## 156	2.6692635	4.4390960	3.3557338	2.5844520	2.4450741	4.3022544
## 157	3.8900362	2.6627586	3.1804322	2.5604615	2.8182279	4.2252430
## 158	4.3471792	4.9838815	4.7766371	4.5982127	3.4406791	4.0742165
## 159	4.0985267	2.8191148	4.8719018	3.9346473	3.2922741	3.1919300
## 160	3.8178058	4.2025710	4.0668143	4.4773562	3.5937528	3.4760645
## 161	2.4976565	3.4878453	3.4088692	3.8751182	3.0151462	2.4067588
## 162	4.3162396	4.3907520	4.7391903	4.0107641	3.1991591	4.6549283
## 163	4.4120450	4.0818512	4.6228207	4.4096533	3.1168558	4.2494777
## 164	5.0833491	5.1969391	4.8193270	3.7642665	5.0259273	5.9321687
## 165	4.6656037	5.9512099	5.0265245	4.8711534	4.6067258	5.0706095
## 166	4.1414208	4.7596446	3.9099643	4.1658397	5.2802074	3.8298354
## 167	5.2541968	4.0261977	5.7473631	4.8720379	4.7802648	3.9663730
## 168	4.3165865	5.9297655	5.1215361	4.7104816	4.8102127	5.0735955
## 169	3.9903577	3.4961715	3.3533306	2.3085638	3.9040509	3.7792622
## 170	3.8598654	3.8657975	3.4141877	4.1965785	4.2349933	2.6512723
## 171	3.4019196	4.5936553	3.9805677	3.4882098	3.6009678	4.7535764
## 172	5.9505671	6.0297675	6.3345736	5.9936738	5.1395703	5.1514858

## 173	5.0431226	4.3317686	5.3402377	4.7671277	4.5654953	3.9072303
## 174	3.5540193	4.4997169	4.0551649	3.6557279	1.9790245	4.3640279
## 175	3.2909416	5.1881356	3.8401544	4.3685014	4.3931009	3.3060265
## 176	4.9319382	3.3451310	5.1876112	4.2641241	3.8405963	4.2052782
## 177	4.7930270	4.5703233	5.5657227	4.7578394	4.2453290	3.6848759
## 178	4.8033241	2.6233201	4.3070591	2.7660575	3.7741220	4.5761575
## 179	4.4950081	3.6937964	4.6643727	3.0604345	3.7994370	4.3896773
## 180	4.7122037	4.4457491	5.0245356	4.3947163	3.4760531	3.6497474
## 181	3.6963836	5.1423841	4.0920616	3.9083163	3.8378437	4.4332152
## 182	3.8602435	5.2974008	4.4355232	4.0942756	4.0106255	5.2389407
## 183	4.3230852	5.6152402	4.8299477	4.5973670	4.4119121	4.6917050
## 184	4.1969928	4.9131508	4.8842221	5.2123140	4.5631285	2.8906459
## 185	4.4488849	4.9684700	4.9235831	4.5879248	3.4849631	4.9022904
## 186	3.5742749	4.8312333	3.9236740	3.8499260	3.5346069	4.8348423
## 187	5.4754896	3.9051191	5.2315411	4.3269286	5.0290160	4.6006001
## 188	5.2737944	5.7019264	4.5810669	4.3627382	4.7996528	5.4114854
## 189	2.8385091	3.6772227	2.0942443	2.5538114	4.2527254	4.0061375
## 190	4.7566037	4.3193612	3.9881597	4.2561160	4.6356314	3.8677841
## 191	3.7596279	4.6251113	4.3802165	4.0933108	3.9415269	3.5575063
## 192	4.8574436	1.4405103	4.3534182	3.2385471	4.0568015	4.1636035
## 193	3.1473934	4.1837336	3.9382043	3.5116954	3.8897266	4.6232178
## 194	3.9626866	4.8847011	4.4823837	3.5305797	3.5762290	4.7653042
## 195	4.3145521	6.0858555	4.9773897	5.5535771	4.7652442	4.3787977
## 196	5.0402967	4.1544312	5.3341976	4.2368896	3.4296883	4.2800138
## 197	3.7617333	4.7351893	3.0041928	3.6505952	4.8549719	4.0958507
## 198	4.4790400	3.5584235	3.8919567	3.3187894	3.3118377	3.6138291
## 199	2.7681412	4.9980281	1.8520442	3.5472332	4.3458061	4.8537193
## 200	6.2415624	7.2810221	7.1558142	7.3759026	7.5479682	6.8802367
## 201	4.3564804	3.8448208	5.1694494	4.0376192	3.6118030	4.0714787
## 202	4.3331705	4.9648751	4.5764698	4.8017969	5.2611618	3.8990460
## 203	4.5044407	3.8570965	4.9822908	4.6919641	4.4909391	1.9952716
## 204	4.4410741	5.8428461	5.0012010	5.5727874	4.7275449	4.0404477
## 205	4.3708309	3.7726785	4.8434446	4.1552655	3.1799584	3.9282603
## 206	4.0287661	3.3876102	3.1551807	2.4469944	4.0396489	4.9261761
## 207	4.7957496	3.5216330	4.0608853	3.1094516	3.5676672	4.9655134
## 208	4.4600416	3.9711573	5.1204883	4.3229687	3.5211823	2.8260335
## 209	4.2683751	4.0007500	3.6730539	2.7302798	4.0117580	4.9290245
## 210	3.6919670	4.9675223	3.3157353	4.2458276	5.2874204	4.2939605
## 211	3.6824286	6.1930441	4.0685685	5.1999710	4.6477179	4.2442510
## 212	5.3811799	4.9553560	5.7748479	5.3796187	5.3669840	3.8594872
## 213	5.6069705	4.6619943	5.7449247	5.3535151	4.4918094	4.0253215
## 214	3.7142773	5.1890724	3.3081714	4.3106083	5.3187171	5.3541389
## 215	2.7213717	3.9728252	3.4681335	4.1742855	3.1027240	2.8754044
## 216	3.4553692	4.4902034	4.3009080	4.6876591	3.8882923	1.8801745
## 217	4.8746092	3.8748743	4.1963468	4.3630793	4.5487343	2.9902125
## 218	9.3366237	8.5531569	9.2340908	9.0267463	9.5925978	9.0025873
## 219	2.7861872	4.0322329	3.6734565	3.1406933	3.1654860	4.0350724
## 220	3.9220190	4.8308620	2.8667560	3.7287186	4.6018329	3.9886561
## 221	4.5236263	5.2552138	5.1294073	5.0570539	3.8122067	4.0421804
## 222	5.5375028	4.5440453	5.7636733	4.6226934	4.1481034	3.9969954

## 223	4.6892744	4.7865920	4.8068438	4.5556053	3.4508022	5.0130124
## 224	4.3012277	5.0368019	4.9835346	4.6078336	3.7607471	4.1695250
## 225	4.3045625	5.6280579	4.3735888	4.6310623	3.9757761	4.6707739
## 226	5.4088589	4.1760165	5.4015825	4.7466409	6.1473497	4.9207268
## 227	4.0693274	4.7344604	4.7832324	4.5396491	3.5686006	4.7315420
## 228	4.0698938	5.2312928	4.7915011	4.9475677	4.1669613	4.1484612
## 229	5.7754159	5.6170794	5.6468760	5.6213757	5.6311059	5.5874602
## 230	4.4924003	3.9478085	4.0853711	3.8658672	3.7107431	3.8313091
## 231	5.5608771	5.1615146	5.6547561	5.2546039	5.6569574	5.3589947
## 232	4.6350225	4.5499447	5.2666312	4.6996992	3.9819087	3.6920913
## 233	4.0408452	4.2242024	4.4088943	3.9401828	2.9474557	4.5363593
## 234	4.3251364	4.2622157	4.6794706	4.3036536	3.2329371	4.4471233
## 235	4.4740942	3.9687604	4.8364823	4.2341371	3.4387439	4.3690069
## 236	3.9583869	3.8469153	4.2836207	4.6366279	3.7956486	3.0184859
## 237	5.1525549	4.8640991	5.2798279	4.9515768	4.3464739	3.0203193
## 238	4.0891654	4.3614797	4.8862281	4.4401551	3.5690866	3.3070842
## 239	3.6600642	3.1932500	3.0930086	2.0021577	3.7736912	4.5178367
## 240	4.4355736	3.8546941	4.8371769	4.1156342	3.4142436	4.3082007
## 241	4.6776771	5.3153575	3.6351593	4.6757927	5.1441081	4.4767846
## 242	4.0238714	5.1688964	4.6008002	4.1971996	4.1422233	4.2469211
## 243	4.9754566	5.1488961	5.3083875	4.9600751	4.2292720	4.6080282
## 244	4.1054557	3.5790532	3.5569489	3.6449762	3.8650404	3.5717242
## 245	3.6428987	4.6347474	4.2764995	3.8084369	4.0042275	3.9235847
## 246	3.0278918	3.9282094	3.5861982	2.8362307	3.0063612	4.1537544
## 247	4.9032738	5.5452328	5.3066355	5.2017304	3.9524204	4.4519084
## 248	4.0895679	4.6740337	4.6772492	4.4500296	3.2382468	3.5489583
## 249	5.2936381	5.3864398	5.4192231	4.9963667	4.0759929	4.7392123
## 250	4.3594786	4.2200992	4.0761917	3.5578259	4.9656602	4.6859894
## 251	5.0271829	5.4786467	4.3806308	5.2425082	4.9188166	4.4472927
## 252	4.6176675	4.4674586	3.8867602	2.8793182	4.1843675	4.6042788
## 253	3.9187436	4.5383319	4.4689920	4.8886698	4.3547221	2.8498614
## 254	3.5820872	4.5465723	3.2064146	3.8788183	5.0139754	3.7017753
## 255	4.2218597	3.7728496	4.5839854	4.4244558	4.1495956	3.4735318
## 256	3.5627753	5.6134531	3.7115242	4.3889348	4.1699375	4.7789059
## 257	4.7850754	3.4284205	4.1800123	3.4952374	3.6227335	3.6561303
## 258	3.2491090	5.0348047	3.7212102	4.0782334	4.2355212	3.2164760
## 259	3.2856609	5.0309614	3.8662251	3.6188424	3.5712507	5.0857504
## 260	5.1794368	4.4496028	5.5033992	4.9235945	4.4308307	4.1122788
## 261	4.4405681	4.1251623	4.8792581	4.1014679	3.3749805	3.4152050
## 262	4.3232328	2.8311392	3.8973805	3.3367221	3.6294619	4.3365787
## 263	3.8079873	5.3556783	4.6982130	4.5455231	4.5642953	5.3099121
## 264	4.8885282	3.0054145	4.3786378	2.6180895	4.6846876	4.8580432
## 265	4.1637535	4.8166927	4.6831394	3.6332579	3.9609213	4.0222608
## 266	4.7234138	4.7265909	4.8576003	4.5308132	3.3584718	4.8646737
## 267	5.2175768	6.0602066	5.7225954	5.7345131	4.6923931	5.0996270
## 268	3.7298435	4.4976332	4.3056929	3.1693744	3.6375970	4.7149347
## 269	4.7807112	4.6486537	4.0245070	3.3966526	4.5641313	4.9334879
## 270	4.1945813	5.3655733	4.7986259	4.4814683	4.7156926	4.8402269
## 271	4.0728439	6.2658475	4.7291674	5.5352219	5.5810809	4.8826962
## 272	4.4728954	4.2916122	4.0663952	3.3763288	4.7825479	4.6807528

## 273	4.7854199	3.5349609	4.5023052	3.8797409	4.2239564	3.8608159
## 274	4.9452927	4.7445326	5.2439103	4.4837535	3.8803381	4.2348780
## 275	3.9105290	5.0675445	4.5549367	3.8678188	4.0362751	5.0924053
## 276	4.9028888	4.8889031	4.0840155	4.9099200	4.8563360	4.2420622
## 277	5.1203494	3.9367279	4.4421654	3.8197927	3.7034185	3.9367415
## 278	4.6657666	5.1894218	5.3535652	4.1667759	4.6538313	4.4268235
## 279	3.9281778	4.3476968	3.3869462	2.8606102	4.1129478	5.2660834
## 280	4.8311298	4.6435487	4.0048591	3.8966036	4.7396653	4.9221708
## 281	4.5245248	5.2161334	5.1947802	4.5792225	4.6293118	4.2309133
## 282	5.4807098	5.2361997	6.1734844	5.3329649	4.9964307	4.5427525
## 283	5.7527496	6.3056930	6.3295263	6.2939028	5.7651307	5.8106740
## 284	5.0301907	4.9185831	5.4998824	4.9832112	4.1075103	3.9711632
## 285	4.3522136	4.0006208	4.5627823	3.8232575	2.7921275	4.3268953
## 286	3.4571574	4.2656839	3.9102990	3.4611982	3.5845573	4.5703138
## 287	4.4807687	4.4027312	4.7964860	4.2388662	3.1293100	3.4560684
## 288	5.9314804	5.2026583	5.2705874	5.1815246	6.0599768	5.8154860
## 289	4.6911987	4.4995638	4.0451020	3.1927727	4.3048627	4.5165315
## 290	5.6057857	4.0556930	4.9061279	4.2427575	4.0155860	4.8808867
## 291	5.4241231	4.4132658	4.8500179	3.6434981	5.2320289	5.0847001
## 292	4.6107701	4.5551342	5.1419442	4.3247269	3.5977330	3.6922312
## 293	4.8900306	5.5095682	4.9939795	4.6412253	4.5606324	4.9105033
## 294	4.0727976	4.9169387	4.6837823	3.9737226	4.2208369	5.0506707
## 295	4.5928218	5.8848673	4.9569299	4.8945883	5.1324380	4.3752884
## 296	5.2503349	4.3175206	4.8007884	4.2332278	4.3249840	4.4027170
## 297	7.6582950	6.9351858	6.9139235	6.9454301	7.3884756	7.3024016
## 298	5.8388684	5.9471756	6.3096751	5.6849012	5.1300624	5.2440428
## 299	5.5140937	5.1366873	5.7013440	5.4122686	4.7013985	4.6965742
##	103	104	105	106	107	108
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107 3.9726724 5.4037596 3.5292304 6.2762445
108 5.0622295 4.9988521 5.2083227 6.8391869 3.3579591
109 3.4608067 5.1117461 4.6643407 5.5615811 2.5390466 4.2405201
110 8.0915420 8.4269964 7.4104207 5.7676650 6.9004241 7.2785363
111 4.9098553 7.4479743 5.5153206 5.7384541 4.3595940 6.2385359
112 3.2712058 5.5549115 4.4580900 6.0434752 2.4763686 4.1819781
113 4.4674762 5.9508140 4.6061918 6.6410243 2.7258999 2.8461508
114 5.8703507 7.6804823 4.2030068 4.8227731 4.1719332 5.1911104
115 6.4470272 7.2377849 5.4709072 6.0121049 4.4222493 4.0061614
116 4.4293968 6.3681284 3.6423715 6.1617468 3.1817554 3.5527269
117 6.2239264 7.6869934 3.7169872 5.8901241 4.4207551 4.3158758
118 6.4792932 8.5555421 4.5525794 4.9658652 5.1480420 6.3865407
119 5.8002699 7.7007468 3.4750716 6.2559724 4.5435215 4.4278558
120 4.7007884 7.2834269 4.4136601 5.3979022 4.1049328 5.7108461
121 4.9746627 6.3206157 4.3266422 5.8935797 3.9162726 4.6159516
122 5.3036346 7.4392268 3.8931110 6.0597238 4.4513174 4.0065903
123 4.3999083 6.6051258 3.5454653 6.3571263 3.2140313 3.7002903

## 124	4.5436946	6.6889816	3.4505770	6.2341866	4.4723694	4.4656172
## 125	5.0629409	6.6008536	4.5644869	6.3887750	3.3215660	4.9442534
## 126	5.6992077	6.5011619	3.8817157	6.1935155	3.1756212	3.6319372
## 127	7.3651587	8.0510636	6.0393308	6.4645071	5.7665473	5.8694472
## 128	5.9010796	7.2877496	4.1615962	6.0881973	3.8654953	3.7000284
## 129	3.5345632	5.8478326	4.1041557	5.3060610	3.3918489	4.7297016
## 130	4.9700338	6.8114685	4.5458251	6.7982619	4.0909467	3.4053934
## 131	5.1302143	5.3299975	4.6065495	5.9753646	4.0372658	4.2554607
## 132	7.1849483	7.9567518	6.2691109	7.7635634	5.6488858	5.5566845
## 133	5.2045728	6.0221311	2.3898731	5.7093781	3.0941280	4.3411875
## 134	4.2513841	6.5248562	3.3105022	5.8192036	3.8453024	5.4854977
## 135	4.2546435	3.4591278	6.5446657	7.2967919	5.0515119	5.4421545
## 136	3.2276241	6.0355751	3.8066942	6.0446061	1.7630318	4.0997785
## 137	5.5556953	7.5023375	4.3046443	6.8006421	4.0529504	3.9479711
## 138	4.8310327	6.5344877	5.1892056	5.6774691	3.3896755	3.9380118
## 139	4.5125235	6.5376953	3.8433632	6.3262892	3.1857533	3.6695796
## 140	4.2828470	4.8963814	3.7892581	6.4015456	2.7333355	3.6197468
## 141	4.1162722	6.5186644	4.8390211	5.7565084	3.1489157	4.8734756
## 142	5.2311057	6.3747379	3.7768947	5.2100119	3.3742782	3.6029102
## 143	5.5377931	6.4587253	4.5330669	6.0463139	3.5058816	3.7266248
## 144	4.8478568	6.9783444	2.6924704	5.2897470	3.8581206	4.3344357
## 145	4.3490408	6.3871307	5.0437416	3.6696233	4.8529507	5.1434110
## 146	3.0374436	5.2601226	4.4322347	5.9576041	2.8189813	4.1093543
## 147	3.2219538	5.3946100	4.7043828	6.2020344	2.7092950	4.1027327
## 148	4.3827435	5.3645211	3.9866194	6.7976952	1.7894428	3.9293487
## 149	4.4742224	6.8007040	5.1956469	5.5486565	3.7519870	4.3267380
## 150	4.3090342	4.6483955	3.9986175	6.3100895	2.8541709	3.8220962
## 151	5.3446759	7.4622623	3.0869671	5.1969767	4.1711830	5.7617406
## 152	5.2243215	7.1435013	3.4929390	6.6747377	3.3916714	4.3343410
## 153	4.4388462	6.0164437	4.1321325	6.2942802	3.3109242	4.7377410
## 154	4.0231885	4.1891425	5.1370989	6.4313439	3.3185865	3.0402078
## 155	4.9345305	6.8979954	3.3169825	5.1359100	3.8665489	4.3113468
## 156	4.1931040	6.5013327	4.8237099	6.5292989	3.5714947	2.5018003
## 157	5.0277955	6.5955469	3.7361453	5.4251226	3.1577929	3.6343813
## 158	3.4086891	5.2810703	4.7820067	5.9410326	2.8589622	4.1171597
## 159	4.4060020	6.8061348	4.8546201	6.2474734	3.3697782	4.3775870
## 160	4.6105219	6.4562745	4.0204566	4.4011893	3.8700924	4.5373016
## 161	4.7924194	6.9230826	3.8847327	5.5505808	3.2641628	4.0418329
## 162	3.9606710	5.6805570	5.0013914	6.3694746	3.4510098	3.5257664
## 163	4.4646767	6.0393030	5.0097360	4.3193757	3.6367599	4.2805021
## 164	5.6578463	5.8257590	5.6333994	7.3308417	5.1026046	3.5764429
## 165	5.4556788	4.7968546	5.5341181	6.3762983	3.8831589	3.2773590
## 166	5.2829505	7.4378435	4.3048143	5.8308315	4.8177243	5.3307149
## 167	4.6561590	6.0782339	4.7699852	6.7645456	2.8693561	4.7244837
## 168	5.0021752	7.1203698	5.7688445	7.5396579	4.4262609	4.5762051
## 169	4.4945450	6.4117335	3.6076231	6.0492289	3.1582932	3.7258523
## 170	4.9139388	6.5670871	3.2859441	5.1678178	3.5832594	4.9961609
## 171	4.5039906	5.7802026	5.2614689	5.9105653	3.7704406	2.7986095
## 172	4.6712693	2.1618673	5.8121426	6.7456612	4.1696210	4.4367579
## 173	4.3768524	7.0353612	4.2235825	6.2880514	4.6080193	5.3276885

## 174	4.2354632	6.1784752	4.9430300	6.5537814	3.2707072	3.1521365
## 175	4.0309995	6.3580958	4.3714185	5.5625036	3.9404102	4.4444650
## 176	4.7383720	6.5291062	4.6703622	5.5017907	3.4838996	4.4661319
## 177	2.7784066	4.9533727	5.0475390	6.9826852	3.1766830	4.4478339
## 178	5.1432186	6.7672196	3.7961755	6.8134746	3.5040066	3.9210937
## 179	5.1258174	7.2010974	4.4341924	6.7424977	3.8092849	3.6571079
## 180	3.0600071	4.8171893	4.2799237	5.8615945	2.4823237	3.9852830
## 181	5.1734539	5.8770603	4.8698925	6.7295080	2.8872983	2.8137191
## 182	4.5716167	6.5834927	5.9777998	5.6807033	4.6452559	3.8947108
## 183	3.9970161	6.2422060	5.5848990	5.6434743	4.2095320	4.4999784
## 184	4.9060375	7.3684211	4.1352378	5.6913044	3.9302042	5.5685403
## 185	4.1036743	6.2857022	5.5720458	5.3519196	4.2238528	4.4259267
## 186	5.6056453	7.2424142	5.4531663	5.0389898	4.2305735	3.7793734
## 187	5.5694342	6.5819467	4.4564110	6.7361074	3.5619020	4.8272088
## 188	5.3396059	6.0756605	4.8014206	5.5619010	4.7800667	4.6582903
## 189	5.5766926	7.3428623	3.8649033	5.9305575	4.4046218	3.9081680
## 190	5.6315615	6.5311633	2.5704398	6.0502112	3.5302967	4.7235500
## 191	4.5868676	6.9019638	4.8433555	6.0521298	3.5123428	4.4161217
## 192	5.7052232	7.3816674	3.8027939	5.6899392	3.5787922	4.6611534
## 193	5.8421226	6.9298046	5.5463471	6.7284031	3.6114990	2.8859234
## 194	3.2889008	6.5878728	5.4665386	6.4908211	4.5523307	3.9901831
## 195	5.3240981	6.4138919	5.0116320	6.8143935	4.2191651	4.8848256
## 196	4.3461410	7.1534275	4.6942357	5.9668207	4.1550804	4.8536269
## 197	5.7334118	6.5506334	3.4177843	6.1821801	3.9378024	4.0603732
## 198	4.0134401	6.4553385	3.5369698	5.8314589	2.9877845	4.5121211
## 199	6.0551590	7.0111703	4.7917483	5.7048802	4.8727459	3.8767379
## 200	7.7815102	7.9596632	8.2817370	8.4012214	6.4186525	6.7300034
## 201	4.3855170	5.5283881	5.1754133	7.4996687	3.3649488	3.3531212
## 202	6.4167528	7.0624385	4.1752410	6.4605089	3.7520687	4.4388828
## 203	4.8084309	7.1074757	3.3158410	6.5646502	3.1637735	5.1354829
## 204	4.3235615	6.5845749	4.4162601	6.0522714	4.3538320	5.5755211
## 205	3.5320732	6.6732447	5.1280738	5.4172503	3.8772865	4.6924711
## 206	6.0489545	7.1121494	4.4488880	5.6544555	3.9819777	3.4846091
## 207	5.4244971	6.5737688	4.0404142	6.3782172	3.6709779	3.7777161
## 208	3.4033719	6.8759419	4.6124018	6.7700440	3.0763160	4.9470396
## 209	5.2516579	5.5917125	4.6867904	6.1553601	4.2379169	2.9589523
## 210	6.1822662	6.6353872	4.4644907	6.3529137	4.2716051	4.3474546
## 211	4.5984556	6.8581329	5.3338494	5.1288664	4.8980637	5.2281351
## 212	4.8323802	6.1153803	4.1705048	7.0749707	3.8876319	5.1892911
## 213	4.5010244	6.8843352	4.8464178	4.9430643	3.9503853	5.8103974
## 214	6.8703856	7.8145919	5.2725141	5.7241561	5.3203370	4.7334980
## 215	5.0130921	6.9633491	4.2886293	5.3833326	3.5908705	4.2002432
## 216	4.1865589	6.5254910	3.9017165	6.2428497	3.1853654	4.7729153
## 217	5.0622188	6.5288946	2.5807287	5.2086755	3.8193014	5.2568403
## 218	10.2094017	11.0231646	7.7178733	9.6524850	8.9783188	9.6357233
## 219	4.8145976	6.3558473	5.2440454	6.2231539	3.5532878	2.7492713
## 220	5.5485726	6.7691347	3.4344209	5.4073546	4.1926737	4.4395703
## 221	4.3384002	6.6388813	5.2634069	5.8643703	3.7532693	5.0440484
## 222	3.0135541	6.1355331	4.2493753	6.6804740	3.4327186	5.0191197
## 223	4.8991939	6.0296367	5.1242748	5.4111774	3.8025312	4.0452443

## 224	4.4486399	5.7161983	5.0662064	7.4512510	2.8288204	3.8203036
## 225	5.4350876	6.6327380	5.2702515	5.6432219	3.9401866	4.2557107
## 226	6.6604906	7.9484036	5.5624997	7.2512693	4.7527064	5.6690080
## 227	4.2599515	6.3301049	5.6849122	6.2243868	4.0237685	4.3018326
## 228	5.0147409	4.8665449	4.9790243	7.0185270	4.2439764	3.6543477
## 229	6.2264426	7.9723129	5.2102188	7.0294716	5.1161960	6.3992986
## 230	4.3668457	6.8217916	4.1925055	5.8110494	3.5233429	4.9842108
## 231	5.9543861	7.5605392	5.7390294	7.4355492	4.7905283	5.8271671
## 232	3.1322716	6.1632101	4.9636740	6.4086106	3.2951741	4.8940067
## 233	5.2426377	6.2676409	4.8479612	6.5141620	3.0595552	3.1756677
## 234	4.3539916	5.5782366	4.9488698	5.2820453	3.4531361	3.8056606
## 235	4.4394777	5.7323514	4.8896467	5.5501465	3.3682266	3.8451634
## 236	5.4853204	7.6472291	4.2016471	4.9246875	4.1322879	5.1514487
## 237	4.3066271	7.2688365	3.3496829	6.5570515	4.0627695	5.6066785
## 238	3.9881818	6.5233218	4.8514623	6.8941155	2.8443689	4.5082017
## 239	5.2310231	6.8115111	4.5378699	5.9853084	4.0037436	3.4037149
## 240	4.2809036	6.0760395	4.8355984	5.7601925	3.3915761	3.9908390
## 241	6.2351602	7.9781226	4.1398751	4.5976536	5.0990874	5.7669150
## 242	3.5965484	5.8421643	5.1898890	6.2665118	3.6926385	4.0474755
## 243	4.4465113	5.6172225	4.9307194	6.4774800	3.1597710	4.3794815
## 244	4.8047724	6.6924622	3.5299090	5.5776099	4.3864637	4.7044285
## 245	4.9367284	6.1739226	4.6373175	6.7539811	2.7879352	3.2865978
## 246	4.9280931	6.8744253	4.8152855	6.1733238	3.4465643	2.9165754
## 247	4.7185051	5.0041475	5.2388549	5.9547807	3.4834769	4.2019140
## 248	4.0481422	6.4238928	4.4128794	6.3937032	2.7962251	4.4561275
## 249	4.1725019	5.0997196	4.7362263	6.2859026	3.3237410	4.3160300
## 250	5.7995744	7.0028446	4.7391296	6.9047051	3.7838134	4.2466957
## 251	5.8100799	5.2646420	4.2449925	5.5404117	4.4035818	4.8841651
## 252	4.6739050	6.3621338	3.9596047	6.6769331	3.7529733	3.8631060
## 253	5.4030940	6.5311541	3.8404048	6.2946818	2.9009672	4.5234698
## 254	5.5182617	7.5529387	4.0911633	6.1504059	4.4338427	5.0244917
## 255	5.7013293	6.8777978	3.8517318	6.2504907	3.6243322	4.2943633
## 256	5.0338435	6.6463502	5.0068174	5.3385732	4.8703665	4.1541783
## 257	4.3411429	6.5113370	3.1240089	5.7014888	2.9946313	4.6906641
## 258	4.9104296	6.7978056	3.9297820	6.4478658	3.5964727	4.0510232
## 259	5.5228385	6.7668476	5.6602549	6.9063368	4.0120774	2.8315701
## 260	4.5566047	6.1179166	4.7790010	6.1564940	3.0717550	4.7860317
## 261	4.1270973	6.1947583	4.0940277	6.8555786	2.1620743	4.0099401
## 262	5.3617459	6.7125185	4.5422475	5.7187911	3.6961331	4.1745344
## 263	5.9039640	7.5723346	6.4368563	6.6696341	4.8861830	4.3539559
## 264	5.6906170	7.6933859	4.4859910	6.8091876	4.5004158	4.4326206
## 265	4.0914577	6.2364931	4.6117660	7.4365330	3.2639642	3.5495662
## 266	4.5834954	6.0116858	5.1520816	5.3453024	3.9003356	4.1790886
## 267	4.4947092	5.4896361	5.8521093	5.8710172	4.2934043	5.0760020
## 268	4.8892312	6.8828959	5.0392455	7.3100042	3.9158727	3.1442826
## 269	5.5146956	6.4038185	4.2188479	6.5450365	3.7904271	3.8896199
## 270	5.7316309	6.2447216	5.4671412	7.5184072	3.4661008	3.4522677
## 271	5.8029848	6.3991952	5.5936329	6.5896548	4.7089838	4.7858321
## 272	5.5232902	6.5591608	4.5364849	6.9111264	3.6915706	3.9386469
## 273	4.7612313	6.8588302	4.0882316	6.4086396	3.3480762	4.9425755

## 274	4.7334925	6.1460940	4.4423480	7.3379919	2.7079178	4.0456187
## 275	4.2745724	6.4580930	5.8211720	6.7994615	4.5035306	3.7257749
## 276	6.1504018	6.7261580	3.5978734	5.2844267	4.0990924	5.1883896
## 277	4.2558388	6.5176071	3.5697599	5.6712988	3.5408721	4.9648353
## 278	4.1607178	6.7699850	5.2912752	8.2712752	4.0775448	4.3508032
## 279	5.6589672	6.4053667	5.1540988	6.5340876	4.3642627	3.1373570
## 280	6.0354360	7.2792997	4.4911679	5.6357066	4.1447955	4.7339842
## 281	4.6981442	5.1354239	5.4377810	7.2489463	3.7713857	3.6949055
## 282	3.6760013	6.3348082	5.2809553	7.5931506	4.1602895	5.4678401
## 283	5.9957778	6.8747294	6.0879098	7.3935123	4.7400059	5.8159305
## 284	3.3296351	4.7048253	4.9455491	6.1819024	3.3185332	4.4945085
## 285	4.9074304	6.5437642	4.5777314	6.3174650	3.2200199	3.6193625
## 286	5.6173280	6.9719104	5.1867958	6.1900017	3.7177271	3.1850540
## 287	3.9862983	6.1880453	3.9511470	6.3203971	2.4791195	4.2428239
## 288	7.5018078	7.6493179	5.4448131	6.2177842	4.8827795	5.4581790
## 289	4.6541440	6.4697438	4.1464848	6.4618740	3.9900244	4.2406515
## 290	5.1095435	7.9590794	4.8648453	5.3829502	5.1635409	5.8914522
## 291	5.8406091	6.6988003	4.2554189	7.3473546	3.9853097	4.2657401
## 292	3.8362861	6.1958343	4.3943636	7.2787809	2.8043288	4.2788131
## 293	4.7683827	6.2781613	5.1745979	6.0180326	4.0295430	4.4296151
## 294	4.5349113	6.7652638	5.8529597	6.7042910	4.5582027	4.0169884
## 295	4.2808807	6.8163477	4.7747520	6.9401832	4.7796331	5.0953274
## 296	4.8905436	5.3580373	4.0613784	6.4163276	3.4240134	4.3823910
## 297	8.7539663	8.0123894	6.7995364	6.6875074	6.5479745	6.8390084
## 298	4.4045912	3.9912940	5.6112171	7.6292943	4.0922025	4.5204146
## 299	5.1083678	6.2772213	4.9952075	5.8673673	3.6704085	5.1683540
##	109	110	111	112	113	114
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## 110 6.5003254
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## 113 3.5200167 6.6923070 5.6552938 3.1499121
## 114 4.8106227 7.6089914 4.0130883 5.0435812 5.4674911
## 115 4.4520884 7.5266014 5.5916050 4.8144143 4.0984690 5.2588807
## 116 4.1747566 8.2604793 5.5072658 3.8290666 4.0251679 3.5300567
## 117 5.1459112 7.7919495 5.6264507 5.1576556 4.8104688 3.8485783
## 118 5.5084705 7.0295878 5.2340277 6.0145272 6.2778634 3.4836005
## 119 5.4138643 8.2963528 5.7760407 5.2998408 4.9749944 4.0155803
## 120 4.2568256 8.3177468 3.6602574 4.6066682 4.8713602 3.3263374
## 121 3.6448935 8.0111613 4.3969670 3.6993378 5.1915233 4.6151433
## 122 4.9931685 8.4878054 5.9240508 4.7904029 4.1365294 4.5267542
## 123 4.1351150 7.1821259 5.4411154 3.8422248 2.8156639 4.3848788
## 124 5.3622613 8.8659175 6.7182251 4.9314213 4.9088884 4.9969655
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## 125	4.0668581	8.1035244	4.3523331	3.9621791	3.9357772	4.4645272
## 126	4.2361517	7.7819362	5.6388139	3.9691051	4.1844554	3.4727268
## 127	5.7479879	8.5169535	6.7497187	5.6629384	4.6494500	6.3063806
## 128	4.7184407	7.2012978	5.3203155	4.7520629	4.3114593	3.1981326
## 129	2.4818398	6.9441186	4.5502754	2.3067627	3.8607168	5.4884833
## 130	5.1942989	7.3684555	6.5511127	4.7437294	3.4844492	5.3495351
## 131	3.9000991	7.6721376	5.0700955	4.1179703	5.3963745	4.9394062
## 132	6.0908122	8.7772419	6.8669090	6.1714728	5.3309992	6.3862799
## 133	4.0622702	7.4250440	5.7784821	3.8622869	3.8694012	4.5992474
## 134	3.9897258	6.9250804	4.5958139	3.8691459	5.2442339	5.0958391
## 135	4.1946982	8.5928689	5.6333558	5.1333212	5.9130548	6.7083215
## 136	2.6099698	7.2548294	3.8009685	2.8725736	3.2320708	4.1365457
## 137	4.9139990	8.3609486	5.2729208	4.7896124	4.4835048	3.5213693
## 138	3.4016082	7.5119456	5.0295179	3.6909122	3.6001632	4.6237514
## 139	3.8507364	7.3721820	5.2449059	3.6863008	2.5699730	4.4297424
## 140	3.6516095	7.6734382	5.8083335	3.5141265	3.3404735	5.5786036
## 141	3.3915138	7.8497129	3.0256597	3.8035245	4.1171339	3.7983668
## 142	4.2880956	6.6246389	6.0363334	4.0708662	3.9585799	3.7150180
## 143	3.8910898	6.5631752	5.7472191	3.9064054	2.5545277	4.8632004
## 144	4.7121408	8.0068902	5.8150926	4.4515917	4.6173044	3.8693705
## 145	4.1451820	7.1782156	4.6916995	4.3574764	5.1736740	4.8187580
## 146	2.4359108	6.3719325	4.9295713	1.6388063	3.3203867	5.3693538
## 147	1.8652898	6.9775100	4.5431211	0.7895359	3.1453567	5.3492575
## 148	3.1391152	7.5923923	4.0531921	3.5369366	4.0434923	4.1186954
## 149	4.0150482	8.2717766	4.1636027	4.1247224	4.2183852	3.6950589
## 150	3.4876143	7.8304432	5.3732518	3.8089188	3.7836014	5.4040394
## 151	4.6899378	8.4488147	4.3364716	4.7295879	4.9654454	3.6251771
## 152	4.4474513	7.3936800	4.9485415	4.3481219	3.9125257	4.8599297
## 153	2.8944701	7.7039181	4.6028998	2.3950036	4.1526118	5.4815574
## 154	2.7193600	6.3384765	5.1511778	2.8526487	2.8235745	5.7449215
## 155	4.3673518	8.1302941	5.5621763	4.3041863	4.4711401	3.9326200
## 156	4.3379667	7.5137090	5.9548216	3.9295555	2.4743138	5.0835015
## 157	3.9421020	7.3391069	5.5535964	3.6826757	3.6920083	3.4806074
## 158	1.9305198	6.5754482	4.8169237	1.1348970	3.0298633	5.5027028
## 159	3.7218333	8.3102425	3.9332520	4.1946866	4.6978888	3.7287923
## 160	3.4602489	6.3432970	4.7336044	3.4838316	4.7661126	4.5573542
## 161	3.8128419	7.9104297	4.8770321	3.7781706	4.0704103	4.2623890
## 162	3.3147985	7.5390102	5.3900998	2.4921189	3.9419484	5.1256239
## 163	2.7303749	5.4081889	4.3343584	3.2424306	4.5040977	4.2707436
## 164	5.9103582	9.2393774	6.8120787	5.7105669	4.8602237	5.1085386
## 165	4.5408206	6.5456809	5.9115212	4.7340447	3.3381354	5.4329055
## 166	5.0898026	8.6565357	4.8569400	5.2369744	4.6734878	4.4984155
## 167	2.4458972	7.4405021	3.6323381	2.2972370	4.3769590	4.7854609
## 168	4.9186011	8.9764771	5.7082275	4.3935490	3.1659222	5.9162815
## 169	3.8853575	6.9687481	5.0944018	3.9136572	2.9342371	4.1479409
## 170	3.7901798	7.6244384	5.0177415	4.1262165	4.2980024	4.4451089
## 171	3.2708667	6.5429358	5.2134978	3.0545848	3.1510914	5.1212742
## 172	3.7140489	6.9775671	5.8900275	4.3954483	5.1384563	6.2812781
## 173	4.7463617	8.3652466	5.0574877	4.5223370	5.8514150	4.9940079
## 174	4.0905868	7.8408183	6.1568522	3.4745308	3.2252834	5.1866047

## 175	3.2580290	6.5611585	4.7213837	3.2096126	3.5212675	5.6459563
## 176	3.2092243	6.5749176	3.9447694	3.3114254	4.9073506	3.8606002
## 177	2.3373813	8.4200093	4.0332922	2.3840763	4.1453403	5.4156334
## 178	4.7347437	8.5813085	5.8726543	4.2064810	4.5057361	3.8089882
## 179	5.0017509	7.2110834	5.4866403	4.8461290	4.3521195	4.2383019
## 180	1.9496491	6.3639045	4.2958965	1.7735127	3.5884195	4.9412705
## 181	3.7662649	6.2321476	5.9643561	3.4503711	1.4785436	5.5688457
## 182	4.0613912	7.3946227	4.8885539	3.7768534	3.8540666	5.0144961
## 183	3.4012131	6.8177959	4.1740176	3.3291388	3.4032912	5.2545227
## 184	4.3291153	8.4017005	4.0568096	4.3478953	4.5441399	4.5607213
## 185	3.6586446	7.6613788	4.5934173	3.2705883	4.3802653	4.6479470
## 186	4.5875143	6.3565091	5.1047186	4.6525140	3.5711445	4.1039713
## 187	4.4400513	8.6712497	4.7583139	4.2051161	4.5644355	3.7341036
## 188	5.3454320	6.7172028	6.2574603	5.4846807	4.2546006	5.0127819
## 189	4.9953701	8.1519906	6.0184228	4.8141031	4.1227392	4.4853487
## 190	4.6677203	7.3794764	6.2022922	4.2931411	4.3509173	4.8347209
## 191	3.6528729	6.6758946	4.5203852	4.1123138	3.1205057	4.9710588
## 192	4.3438102	7.6521096	4.7351634	4.4705046	4.9332500	2.5361602
## 193	4.0903522	7.3756925	5.5387337	3.9893610	3.0897720	4.8625726
## 194	4.1940855	7.8087694	5.3754806	3.8735359	4.1007374	5.5288758
## 195	4.8385069	8.8382317	6.1024327	4.3246812	4.0622679	5.9819219
## 196	5.0171968	8.2747228	4.6758813	4.9292974	5.1354477	3.6035231
## 197	4.7331374	7.2326341	6.3201278	4.5069178	3.4507527	5.2438800
## 198	3.6378267	7.4316132	5.1509334	3.4764729	3.5526582	4.2353054
## 199	5.1808602	7.6358344	6.9426699	5.0441291	3.8969194	5.4878380
## 200	5.2032818	9.1371486	6.2761220	5.7040599	5.9579155	7.7594618
## 201	4.2264022	9.1856141	5.4596105	4.1685757	4.4691830	4.8627169
## 202	4.6723028	6.3501971	5.6456782	4.7134777	4.0988509	5.2595134
## 203	4.1411663	8.1253134	4.3984073	4.1331859	4.7352723	4.5728046
## 204	3.8493555	7.8347798	5.5104742	3.4420688	4.3536404	6.2905937
## 205	3.0272091	7.3253884	3.8741837	3.1988080	4.7343094	4.3936390
## 206	4.6614045	6.5094082	5.8900828	4.6407542	3.8078388	3.8487630
## 207	4.8116101	7.7535446	6.4258260	4.2826078	4.2939453	4.2475466
## 208	3.4831004	8.3525655	4.0719005	3.5921818	4.0574194	4.7612124
## 209	4.9080783	7.3723332	6.2996270	5.1444424	4.2327603	4.4763710
## 210	4.6018369	7.6545238	6.1995252	4.6602335	3.7271048	5.5179285
## 211	3.9254838	6.0763300	5.5691414	4.0977662	4.0186278	6.4139878
## 212	4.0972279	8.2365670	5.0653265	3.7271449	5.2119816	5.6382236
## 213	3.0976766	5.5014342	3.5294549	3.7804918	5.1133828	4.7232725
## 214	5.6294059	8.3622151	6.3324243	5.4592955	4.6116455	4.8863345
## 215	3.9754913	7.6242464	5.2007809	4.0150109	4.2007297	4.5650705
## 216	3.5925202	8.2233058	4.7297482	3.6717784	3.9169604	5.1668555
## 217	4.5095104	7.1946622	5.2737117	4.8443249	5.0648930	4.2138039
## 218	9.6765261	12.0453055	9.3537911	9.5074138	9.4976328	8.2722606
## 219	3.8881783	7.2994229	5.1862687	4.1305923	3.1457667	4.6283456
## 220	4.8140029	6.3731163	6.2364678	4.8231241	3.8271158	5.1092306
## 221	3.8766018	7.8748697	4.4647438	3.9773473	3.8521385	4.8572504
## 222	3.5370055	7.4921204	4.4858385	3.0970509	4.6413794	5.1364157
## 223	3.5170023	5.9563595	5.5770115	3.1775418	4.2496163	5.0827150
## 224	3.6251120	8.3267385	5.8268985	3.0459939	2.9348277	5.7918909

## 225	4.2346910	4.7184076	5.9613389	4.5160042	3.1426893	5.6438051
## 226	4.8364561	8.5338713	4.8542511	5.3147068	5.1090312	4.8562395
## 227	3.1639696	7.9505494	5.1161451	2.7688624	4.0992365	5.4325977
## 228	4.9807408	8.9226419	6.6598041	5.0294442	4.9346468	5.8504831
## 229	5.3383710	8.8580449	6.4471346	5.2368570	5.0111571	6.0419811
## 230	3.7133935	7.6972468	5.1040207	3.7778428	3.8204880	4.5583136
## 231	5.0326194	9.9182198	5.4593770	4.7496788	4.9181244	5.2426515
## 232	2.2555774	7.7782688	3.8318201	2.0388353	3.9383437	5.2667056
## 233	4.0829714	7.3355760	5.9977253	3.5981951	3.5358903	4.8201197
## 234	2.8692342	6.3914617	4.8389502	2.8777461	4.1471559	4.6648414
## 235	2.9163491	6.6496847	4.6196586	2.8775104	4.3161151	4.4700727
## 236	4.5264859	7.0954900	4.8412574	4.8904967	5.2283231	4.1335703
## 237	5.1005641	7.9526691	5.5497369	4.9462652	5.2343971	5.2902474
## 238	3.1980248	8.2944982	4.6272183	3.0888925	3.3371196	5.1419358
## 239	4.5150522	7.5746287	5.5886238	4.5848722	3.8071221	3.9375874
## 240	2.9973621	7.0271031	4.5288329	2.7494089	4.2967929	4.4680533
## 241	5.3409050	5.5950933	6.1990297	5.6599183	4.8630559	5.2641596
## 242	2.8431131	6.7272996	4.6670244	2.8015975	2.9908059	5.6652442
## 243	2.7980483	6.7650195	5.1886586	2.0491283	3.5885307	5.6507300
## 244	4.9840398	8.5049198	5.8773089	5.0643424	5.2269462	4.2773628
## 245	3.5559356	6.8783387	5.1907954	3.4733614	2.0340143	5.1550183
## 246	4.1338430	6.9405318	5.3596859	4.0137341	2.9845982	4.4826090
## 247	3.9968001	7.1659638	5.2804277	4.2099286	3.8889122	5.0287240
## 248	3.3504452	7.5085724	5.0738585	3.1301423	2.9566529	5.2010493
## 249	3.2730018	6.2143868	5.5978185	2.7553177	3.8919739	5.7299634
## 250	4.2586093	7.7925328	5.5850660	4.1366408	3.2727625	4.9422578
## 251	4.8487080	6.8952864	6.7520322	5.2138656	4.9505333	5.6500688
## 252	4.7069186	7.2632406	6.1800417	4.3991794	3.3261429	5.0161346
## 253	3.7119672	7.4526393	5.1562431	3.5959936	3.8452619	5.0938800
## 254	4.6704515	8.0632737	5.5811876	4.6979766	3.9956432	5.1808486
## 255	4.7048089	7.8260523	5.5012397	4.6088822	4.9755110	4.3757231
## 256	4.6280674	6.2937497	6.2548785	4.3770234	4.3328453	5.8941650
## 257	3.8023834	7.1942350	5.0411514	3.7561597	3.8381121	3.9753076
## 258	4.4027069	7.1683373	5.6854671	4.1658739	3.1851505	5.5227578
## 259	4.6039296	7.4362894	6.4641496	4.1902719	2.8771541	5.6000912
## 260	2.5117063	6.5705774	4.0651932	2.4161289	4.2113066	4.9377657
## 261	3.4215535	7.6003959	4.9754846	2.9513129	3.1882140	4.8251080
## 262	4.1005697	7.8142517	5.3108344	4.2497155	4.4675591	3.6324846
## 263	4.9693818	8.5712763	5.4343223	4.9231121	4.0727940	5.1615380
## 264	5.3439469	8.2639376	5.6246987	5.2652729	4.9465813	3.8689194
## 265	4.2882276	7.8705852	5.6014160	3.9241536	2.8780646	5.4870406
## 266	3.5348530	6.1173842	5.4055498	3.3586033	4.4419343	5.0192493
## 267	3.4668646	7.4343023	4.8530363	3.4488431	4.2873382	5.7026512
## 268	4.8692343	8.2291405	6.1065581	4.3825970	3.4395755	5.2345758
## 269	4.6968504	6.6999000	6.3171978	4.4700072	3.3591047	5.0605505
## 270	4.1723528	7.4382363	6.0782766	3.8715382	2.5803339	5.9311645
## 271	4.0645709	7.2212555	6.0041294	3.9108969	3.9021631	6.6933728
## 272	4.3670563	7.6358094	5.8173114	4.2073141	3.2766681	4.9658104
## 273	3.8136433	8.1822644	4.9169922	3.7768452	4.0606614	4.3488502
## 274	4.0823828	7.6990718	5.8320685	3.4073430	3.4980001	5.3799087

## 275	4.0708902	7.9068244	5.6076728	3.6637620	3.8726453	5.7495420
## 276	4.7113588	6.5061766	6.3010446	4.7601092	4.6835150	5.0828960
## 277	4.2156491	7.0920589	5.3856090	4.2902434	4.3285845	4.3251522
## 278	4.8929276	9.2013964	5.8386484	4.4999708	3.8156620	6.0339947
## 279	4.9060408	7.7609577	6.5827436	4.7781605	3.7347387	4.9704437
## 280	4.6009898	5.6920461	5.8739106	4.7336140	3.7560103	4.7872718
## 281	4.2157952	7.7225933	5.5259151	4.7079524	3.8304636	5.6851006
## 282	3.7961065	9.1409866	4.8174506	3.4258968	4.7701544	6.0152438
## 283	4.2026113	8.1737796	6.0269696	3.8044102	4.6476690	6.7630203
## 284	2.5381577	7.0888131	4.4423631	2.9048597	4.2445034	5.3750008
## 285	4.2985613	7.2023063	5.7760599	3.9383370	4.0099149	4.5260049
## 286	4.3028347	6.6361190	5.5972003	4.2886135	3.3281206	4.6880542
## 287	3.5313633	7.0040493	5.0879160	3.2905377	3.2693585	4.8574298
## 288	5.2837640	5.5965306	6.2832381	5.6583900	5.0284363	5.1965361
## 289	4.7069918	7.2702127	5.9525474	4.6600591	3.6931583	4.9664315
## 290	5.5003125	7.6580496	5.8353968	5.7771515	5.9464493	4.2771986
## 291	5.1304103	7.6268137	6.2474044	4.8543507	4.2007874	4.9989030
## 292	3.8588259	8.3229870	5.3320580	3.3628209	3.4907375	5.2990493
## 293	3.6745804	5.3296865	5.3328015	3.5676934	3.6675918	5.7234713
## 294	4.0734176	7.8074689	5.3466006	3.7919575	4.1245862	5.5765141
## 295	4.7166565	7.9133329	5.8505147	4.2559929	4.5148515	6.4224835
## 296	4.2151161	7.5823672	5.8705191	4.3295990	4.2631561	4.7965954
## 297	6.8954172	4.9996249	7.7860587	7.5205660	6.9357815	6.5716850
## 298	4.0173653	8.2445435	6.0889409	3.8439069	4.7595221	6.4843149
## 299	3.1827561	5.9173579	4.7909327	3.2154294	4.4728588	5.3542645
##	115	116	117	118	119	120
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## 119 4.4304604 3.4614576 1.2327013 5.1095682
## 120 5.5150207 4.1475884 5.1956841 4.5960767 5.1913664
## 121 4.1506115 4.1957710 3.8102407 5.5272432 3.9062709 5.5376310
## 122 3.6350935 3.0877375 2.2443614 5.6258444 2.1146671 4.7049844
## 123 4.9602306 2.9757805 3.5930975 5.4758119 3.4865890 4.0947640
## 124 5.6628516 2.6750165 4.1398956 6.1658261 3.5805947 5.2163932
## 125 5.2494466 4.6331817 5.7885578 5.5113702 5.8259902 3.5599009
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## 126	4.5617324	1.9429464	3.4366234	4.9708259	3.7716360	4.8137386
## 127	4.4555186	5.9879043	5.6974138	7.6215348	6.2749010	5.3220710
## 128	4.2933316	3.0330572	2.1398976	4.3805039	2.4900516	4.8467417
## 129	4.4171895	4.4574775	4.8560815	6.3234825	4.9968032	4.9293882
## 130	5.4139291	4.0647921	4.9783103	5.5651272	4.6323716	5.8002738
## 131	4.6228080	4.4030553	4.0966368	6.0391940	4.1952760	6.0630997
## 132	5.3911334	6.1300930	6.3239677	5.7290969	6.4198206	6.3277766
## 133	4.5403566	3.2974675	3.6213079	5.7048526	3.8602429	4.6026359
## 134	5.8900452	4.9225190	4.6652438	5.6062043	4.4144620	5.6438973
## 135	6.5473410	5.9899561	7.1062274	7.0965383	7.0152901	5.6026517
## 136	4.5661720	3.4387818	4.6803646	4.7267692	4.6528162	3.2727703
## 137	4.6021032	2.7724182	2.3861518	4.8662263	2.2289109	4.6649403
## 138	3.4962668	3.7641562	5.1184458	4.9186473	5.4367475	4.1963664
## 139	4.4355530	3.0522381	3.6526795	5.4503470	3.7270068	3.7369925
## 140	4.3902833	3.9680186	4.7465096	6.6850663	4.7948977	5.1045295
## 141	4.8735521	4.3602904	5.3567909	5.3246634	5.4165690	2.2829621
## 142	4.9882832	2.2051507	3.9843559	4.8040591	4.2134943	4.8514455
## 143	4.0370397	3.8417508	4.1202036	5.7912293	4.6456316	4.4489128
## 144	4.6561351	2.2935241	2.9168519	4.9828143	2.6890515	4.6048154
## 145	4.9893441	4.9886734	5.4822293	5.8113607	5.4810411	4.6945277
## 146	5.5799239	3.9591833	5.4737050	6.3661773	5.4826117	5.2020414
## 147	5.0389578	3.8701978	5.3578895	6.4779113	5.4806139	4.9012770
## 148	4.8359776	3.7449221	4.4428745	5.0935930	4.4705673	4.2605924
## 149	4.4973331	3.7596734	5.2310281	5.2223026	5.2488961	3.1554615
## 150	4.1366238	4.2062124	4.7200282	6.3246572	4.7993674	4.7294433
## 151	5.0328655	4.2602257	4.3201179	4.9554096	4.3076885	2.6191539
## 152	4.1373785	4.5621251	3.0222090	5.7415580	2.9703592	5.2420552
## 153	4.4396816	4.4223109	4.5331305	6.6644686	4.7207016	5.4026258
## 154	4.6843659	4.6212165	5.1168350	6.6053370	5.2579645	5.4303731
## 155	3.9168720	2.4636767	3.0088739	5.0155095	3.1083189	4.1999850
## 156	4.3114104	3.2982957	4.4723554	5.8577896	4.2900554	5.0687995
## 157	4.4244074	1.6258566	3.7364146	4.5865526	3.9838195	4.2027236
## 158	5.0455402	4.0863020	5.5823789	6.4460761	5.7570515	4.9955106
## 159	4.2400531	3.5442018	4.4134419	4.2227820	4.3917384	3.8232904
## 160	4.2695316	4.2238871	4.0318827	5.1182573	4.2138746	5.5305792
## 161	3.0091248	3.3796157	3.4970990	5.1164807	3.6808483	4.5876188
## 162	5.1656108	3.2548336	5.0047106	6.4703021	4.9976476	5.7416058
## 163	4.5947984	4.2396698	4.9082567	4.5788150	5.2356288	5.1296727
## 164	6.0815172	3.8439008	5.0505300	7.2474281	4.7251077	5.3486396
## 165	5.2223502	5.1685327	5.6987204	6.9397709	5.8723033	5.1941342
## 166	4.7139383	4.6846408	4.0821982	5.9702909	3.9760816	3.1328490
## 167	4.9915410	4.3190241	4.7787944	6.0213514	5.0353887	5.1500162
## 168	5.3186182	4.9444861	6.0185861	7.4142728	5.9281838	4.5493942
## 169	4.6046855	3.1883730	3.5158970	4.9832756	3.5442937	3.6905972
## 170	4.0781921	3.7793198	3.8643247	5.1404288	4.1710642	3.5393332
## 171	3.9836972	3.9767961	4.4319335	5.9551360	4.6230383	5.5787697
## 172	6.2586568	5.4811974	6.5045684	6.9628304	6.5805822	6.1128643
## 173	5.8361495	4.4300541	4.4111037	5.7840847	3.8819745	5.9449340
## 174	4.8804399	2.8937029	5.1574176	6.3960713	5.1369956	5.2914306
## 175	4.0435875	4.9189759	4.2670151	6.2898362	4.3619296	5.2020959

## 176	4.9299206	3.9511478	4.3140398	4.6212906	4.4872015	5.3414438
## 177	5.2976521	4.0833502	5.5000139	6.4700918	5.3874371	4.4832231
## 178	5.4362996	1.4428536	3.6650743	5.4562108	3.4639337	4.9359965
## 179	5.2123764	3.8860637	3.6979069	4.9632836	3.3225502	5.6179195
## 180	5.3255640	3.9131237	5.1368825	5.8943256	5.1675912	4.8911932
## 181	4.2289590	4.3098728	4.7799213	6.5882477	5.1134309	5.4873560
## 182	4.7365651	4.5455094	5.2458160	6.7040518	5.3181692	5.0178663
## 183	5.0706413	5.0848609	5.6398878	6.6336590	5.7176494	4.3079067
## 184	4.6518928	4.9143159	5.1364625	5.6538189	5.1306248	3.3433419
## 185	5.3043871	4.0974430	5.6826600	6.3904378	5.7109268	4.6832177
## 186	4.0968079	4.5772157	4.7735987	5.3850861	5.0634006	4.5481444
## 187	5.5539655	3.5173830	4.6322770	6.2849647	4.7799855	3.7227760
## 188	6.2454259	4.9468186	5.6788259	5.9507423	5.5883522	4.3799005
## 189	3.5654339	3.2064726	2.1138865	5.5714159	2.1980871	4.9099487
## 190	5.2348706	3.6638580	3.8130983	6.0178864	3.9756823	5.2990909
## 191	4.0880812	4.8314870	4.9095178	4.7967869	5.0609786	3.9051991
## 192	4.6635033	2.7619882	3.2323193	3.3826155	3.5125638	4.1479755
## 193	2.8664714	3.9223668	3.9067187	6.0480800	4.4493624	5.4404666
## 194	5.3441171	4.1456770	5.0537188	6.2413088	4.6811378	5.4275648
## 195	5.2057357	4.9084668	5.8825564	7.7212314	5.9312403	5.1200726
## 196	6.0604634	3.9752328	5.2854317	5.0118699	4.8425824	4.1198655
## 197	4.2668669	4.0652916	3.3177045	6.2439619	3.5875330	5.2082266
## 198	5.2636569	2.7769347	4.5581187	5.1514193	4.5727758	3.3939155
## 199	3.6113581	3.9973684	3.7526449	6.4016211	4.1369696	5.5338114
## 200	4.9356971	7.4739381	7.2717370	8.2966784	7.9553830	6.8485951
## 201	4.9545063	3.0606656	4.7995535	6.2716218	4.5887829	5.0406155
## 202	3.9551345	5.2602898	3.5691680	6.0134266	4.0872922	6.0338524
## 203	4.7305847	4.3207907	3.8936368	5.4185387	3.7883399	4.6942978
## 204	5.2789146	5.2167700	5.9142883	6.4320952	5.8833952	5.3534848
## 205	4.9080287	3.8791331	4.9045839	5.0007319	4.8967194	4.6289618
## 206	4.1016892	3.2978304	3.0130199	4.7673120	3.5332315	5.0691103
## 207	5.5180021	2.1352974	4.1345683	5.7186473	4.1588434	5.3780959
## 208	5.1136944	3.9633084	5.1984340	5.4094127	5.0486519	3.4846895
## 209	4.9558351	3.3314887	3.8884527	5.2989688	3.8163782	5.0209654
## 210	3.5212056	4.5266526	3.6729597	6.5602142	4.2592625	5.1151740
## 211	4.5337903	5.7990408	5.4715722	6.6283317	5.6843842	5.5702621
## 212	5.6798012	4.8102987	4.7037269	6.8589495	4.5705496	6.0813305
## 213	5.6552865	5.3835650	5.6008334	4.3333412	5.7891559	4.7585087
## 214	3.8113432	4.6296189	4.0405379	6.6092729	4.5207803	5.0909163
## 215	3.1949216	3.7536627	3.8760753	5.3689422	4.1524991	4.8445248
## 216	4.0360175	4.2353197	4.6000078	5.8382955	4.6232013	4.1088414
## 217	5.2661567	4.1026319	3.8365973	4.6346373	3.8209988	4.2598982
## 218	9.3811134	8.7943409	8.7981756	7.9388419	8.6093193	8.6326566
## 219	3.2530076	3.7578170	4.0850787	5.3290564	4.2756129	4.6793232
## 220	4.6024677	4.3921811	3.5469955	5.7742523	3.7702469	5.0872307
## 221	5.2137418	4.7276812	6.1277301	6.0226192	6.1986324	3.1053193
## 222	6.3895573	4.2519195	5.4005678	5.9409620	5.0387740	5.1901729
## 223	5.1794348	4.1569738	5.2540971	5.8870893	5.5092586	6.0264044
## 224	4.9909727	3.7927428	5.5940264	7.1131281	5.7003230	5.0614985
## 225	4.7887705	5.3356412	5.4632257	5.7659155	5.8197050	5.4146697

## 226	4.4637597	5.1554372	4.3709487	5.3935434	4.8699601	4.3966704
## 227	4.6075187	3.9371587	5.4863003	6.3785580	5.6582042	5.2608547
## 228	4.9827149	4.1689484	5.0593058	6.9342074	4.8752560	5.9615691
## 229	6.0516540	5.2955519	6.5440651	5.6297147	6.6608690	4.6428363
## 230	5.0666637	3.4514862	4.9871207	5.1352307	5.1201745	3.1265451
## 231	5.6988546	4.5399128	5.9428643	7.1148428	6.0981512	3.7778346
## 232	5.1148784	4.2329196	5.4712642	6.0828426	5.4951961	4.3480564
## 233	4.5889739	3.2113191	4.7377675	6.0809528	4.9664115	5.6286905
## 234	4.6887235	3.8469194	4.9683094	5.3457905	5.1809888	5.3433715
## 235	4.7106251	3.7338033	4.7050906	5.3542525	4.9048576	5.3783856
## 236	4.0579064	4.5554669	3.9406946	4.1651613	4.1479634	4.9463513
## 237	6.2242133	4.7823088	4.9633492	5.7181558	4.4369140	5.3083222
## 238	4.5777043	3.8874441	5.3247755	5.9961249	5.4059649	3.8688461
## 239	4.1203809	2.8755752	3.1872621	4.8662855	3.3152818	4.3527319
## 240	4.7739374	3.5913830	4.6640031	5.4094729	4.7878901	5.2901730
## 241	5.0315723	5.5305588	4.4179689	4.9389737	4.7539275	5.1578023
## 242	4.7074179	4.6833285	5.1899107	6.2810969	5.2484991	4.8939603
## 243	5.3584449	4.3985946	5.5908221	6.7127031	5.8149497	5.6372375
## 244	5.0192743	3.1036115	3.6538621	5.0853209	3.3253308	4.5223224
## 245	3.9082110	4.2554568	4.5237415	5.8483584	4.7646017	4.7531807
## 246	3.7197328	3.5990451	3.8838014	5.1691310	4.0021541	4.9773315
## 247	5.5245606	4.7308539	6.1042033	6.5128208	6.2213291	4.3010247
## 248	4.8342588	4.0293673	5.5657019	5.5564416	5.6242549	4.0639474
## 249	5.9919172	4.5240404	5.7864764	6.6516419	5.8520438	5.9135283
## 250	4.2380795	3.9305125	4.0455370	6.0092953	4.4690802	4.5008062
## 251	5.4339640	4.8117544	5.1266795	6.3327807	5.3994977	5.4695758
## 252	5.6330030	3.5091446	4.2942503	6.0230952	4.1004921	4.8142276
## 253	3.8381650	4.3742586	4.2247324	6.0835797	4.6078748	5.1037455
## 254	3.8832860	4.4138392	3.5841359	5.8550125	3.8233697	4.2685827
## 255	4.3710750	3.9201587	3.4540081	5.4149289	3.5324758	5.7335660
## 256	4.6753114	4.9506792	4.5445272	6.5185818	4.5883017	6.4594886
## 257	5.3948865	3.0709561	4.5066309	4.4644304	4.4931230	3.4278925
## 258	4.1283897	4.5878413	3.9462693	6.3171005	3.9537246	5.3045046
## 259	4.0662293	3.9942981	4.7294471	6.7297837	4.9781247	5.8856445
## 260	5.1354759	4.5114291	5.0845204	5.8754442	5.3670317	5.2019744
## 261	5.0623553	3.4895506	4.8909926	5.9200083	4.8882654	4.5888529
## 262	4.3809781	2.6349472	3.9206521	4.7430292	4.2582625	4.1456773
## 263	4.0864851	4.8852682	5.3947266	6.7165189	5.6427036	4.7038153
## 264	5.2519710	3.3932696	3.0896398	4.8591159	2.8011444	4.9829292
## 265	5.1984515	4.0586646	4.8004742	6.4380194	4.5245528	5.0110480
## 266	5.3015365	4.1752562	5.2813748	5.7438973	5.4486184	5.8357429
## 267	5.7228407	5.2795728	6.6284622	7.0008960	6.7867815	4.6898426
## 268	4.8046156	3.6191020	4.4498042	6.2078346	4.1978901	5.5683006
## 269	5.3450117	3.9185990	4.2928561	6.0369908	4.4399572	5.2008164
## 270	4.2919937	4.6681727	5.0243013	7.0817379	5.3846020	5.7250439
## 271	4.0600497	5.7471075	5.2765798	7.4599910	5.7004781	6.2825557
## 272	4.6764693	3.7496897	4.0442149	6.1222084	4.3046405	4.6943148
## 273	5.0380847	3.2857942	4.5998931	5.2480335	4.7359482	3.4161421
## 274	5.6202025	3.8084392	5.2311264	6.6906639	5.2295510	5.5043989
## 275	4.8398283	4.2390799	5.0224274	6.7523327	4.9492605	5.7627677

## 276	5.0407290	4.5644054	4.4368640	5.7809888	4.8935175	5.3522846
## 277	5.9082814	3.5349437	4.9095525	4.7447839	4.8040572	3.7935072
## 278	5.7323433	4.4363511	5.3247044	7.0896454	4.8845214	5.1883291
## 279	4.5369805	3.2758324	4.0582888	6.1582152	4.2552402	5.2790803
## 280	4.9202372	4.6371735	4.4304022	5.0713324	4.8822881	4.8639664
## 281	4.9222898	4.9001298	5.2596912	6.3228446	5.2377208	4.9615364
## 282	6.1074321	4.7703836	6.1750209	6.6269768	5.9203661	4.9971660
## 283	5.7156974	5.8018609	6.8433354	7.1365839	7.1383779	6.1360984
## 284	5.5024326	4.5205965	5.6749815	6.0274432	5.6775127	4.8210612
## 285	5.0844450	3.2826490	4.6636285	5.5865203	4.6903303	5.4786604
## 286	3.6437371	4.0913616	4.0685653	5.3841599	4.4239849	5.3915784
## 287	5.2656500	3.8412773	5.2152844	5.3965909	5.1777889	4.4476964
## 288	5.1918178	5.7206172	4.8100824	5.5170829	5.5765275	5.9687144
## 289	5.5947185	3.8684184	4.4844598	5.6228722	4.3039871	4.4766129
## 290	6.4082535	4.2921496	5.2450559	4.0336755	5.0230601	4.5536694
## 291	5.7864801	4.0222540	4.0554877	6.2187143	4.0273416	5.5369399
## 292	5.4986037	3.6783689	5.3665058	6.2875803	5.1821358	4.6373661
## 293	5.3727833	5.2043298	5.2876814	6.2524262	5.4647613	5.8586250
## 294	4.7432709	4.3938464	4.8898633	6.5163996	4.8821374	5.7066956
## 295	5.7011006	5.2822711	5.0704555	7.2233115	4.7343445	6.1088614
## 296	5.7210593	3.5899137	5.0219303	5.6459089	5.0593183	4.4490327
## 297	7.0948923	7.4803711	6.5689409	6.3494804	7.1761461	7.5926341
## 298	6.4325026	4.9726649	6.4066390	7.5168238	6.3066147	6.1850266
## 299	5.5067777	5.1292406	5.6766395	5.7661118	5.9894530	5.5897863
##	121	122	123	124	125	126
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## 124 4.6465238 3.0637080 3.9513454
## 125 5.0041962 5.4200899 4.8286439 5.6995428
## 126 4.0427571 3.7485051 3.5887455 3.9846137 4.6146136
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## 127	6.5994476	4.9390597	5.3417730	6.4554988	5.1014576	5.6496061
## 128	4.3903577	3.2239192	2.9288780	4.6387982	5.4033714	2.6999035
## 129	3.4281493	4.3616664	4.3476727	4.4039728	4.8213038	4.7991830
## 130	5.1613275	4.4778421	4.0917550	4.5138880	4.4365210	4.4799690
## 131	1.6745282	4.6914561	5.3543654	4.6308733	5.6333992	4.2191961
## 132	5.9632674	6.0717281	6.3874227	7.1871617	4.3765446	5.7994129
## 133	4.2277055	3.5559853	3.3296479	3.3926775	4.6223927	3.1082669
## 134	3.2239217	5.1729338	4.7964777	4.7731858	5.3713677	5.1437262
## 135	5.6346809	6.7067338	6.1531427	6.4679047	5.9595458	6.6058739
## 136	4.2548367	4.3553674	3.3361866	4.5214651	3.5781545	4.0926794
## 137	4.3357580	2.8163757	2.9209182	4.3458518	5.3337377	3.0231803
## 138	4.5547164	4.4249462	4.6905240	5.0621783	3.8399958	3.9657849
## 139	5.1494882	3.0091009	1.0209000	4.2377130	4.5153878	3.5364051
## 140	4.1730670	4.2010255	4.0637625	3.6642726	4.4795043	4.2783532
## 141	4.9396498	4.9763157	4.3047335	5.3804084	3.0785930	4.9102738
## 142	4.7982455	3.9868995	3.3479163	3.5285034	5.0655510	2.1024448
## 143	5.5671574	3.8294564	2.3935480	5.1214736	4.8316505	3.5914698
## 144	3.8108581	2.4702583	3.5608229	1.7120819	5.2482340	3.0807640
## 145	4.1225558	4.9081803	5.5893453	4.6900867	4.7287933	5.5437068
## 146	4.3262128	5.1291141	3.8036466	4.6026806	4.6853174	4.3074307
## 147	4.0506814	4.8771562	3.8517742	4.8127185	4.3798733	4.1176170
## 148	3.8120632	4.8674109	3.8818986	5.0204988	4.0063551	3.7772594
## 149	4.6680115	4.4771704	4.7326178	4.7949363	3.1127786	4.4118356
## 150	4.0065499	4.3002276	4.3355674	4.1113375	4.4410391	4.5354270
## 151	4.6412946	4.0177429	4.3182924	4.4947361	3.4006873	4.5330115
## 152	3.8275798	3.6417390	3.5236804	4.7614940	5.0009843	4.6184998
## 153	2.7080223	4.4295301	4.5425087	4.7113014	4.7069355	4.3056685
## 154	4.4388762	4.8853087	3.7190896	5.4279136	4.7467638	4.6671643
## 155	3.7993737	2.2230417	3.7105868	2.4316047	5.0986965	3.1265268
## 156	4.8490082	3.4246238	3.2758271	3.9508769	4.4951740	4.0874758
## 157	4.3998358	3.3994528	3.2014228	3.4851724	4.4217850	1.6094377
## 158	4.3374324	5.0675894	4.0107750	4.9562560	4.3473056	4.2566335
## 159	3.7915370	4.2586957	4.5751638	4.8817667	4.4046026	4.1608711
## 160	2.3462604	4.3021528	4.8983062	4.3069274	5.2808404	4.2370123
## 161	2.9166564	3.0860161	4.4002904	3.6622971	4.4214384	3.6670164
## 162	3.5136013	4.6075254	4.3854857	4.1842268	4.9631048	3.4931568
## 163	3.7299762	5.1509016	4.8085571	5.3185804	5.1728362	4.2026329
## 164	5.8978976	4.3684240	4.1904034	4.2535948	5.4359557	4.5075790
## 165	5.9625864	5.5407498	4.2862345	5.7708649	4.3918061	5.1590683
## 166	5.3138548	3.3144816	3.7643227	4.6889771	4.6294032	5.3280381
## 167	3.1876014	5.2247600	4.4309938	5.7361845	4.6050291	3.9060544
## 168	6.0588493	4.8197906	4.3053263	5.6041375	3.3664533	5.4560784
## 169	5.0937786	3.2425930	1.1137989	4.2923707	4.6333811	3.6489551
## 170	4.4955950	3.4661590	3.6572945	4.0185700	4.8364785	4.0917765
## 171	3.7808864	4.1204661	3.9736704	5.0023547	4.8379847	3.9621784
## 172	5.1239530	6.5630532	5.5559406	6.0438035	5.7069423	5.5465837
## 173	2.6239862	4.6092043	5.2689129	4.1204785	5.8690290	5.0184766
## 174	4.8213018	4.2399947	4.0247634	3.6183870	4.6977342	3.5921712
## 175	3.8220149	3.8822027	3.8446339	4.8801611	5.1728176	5.2431389
## 176	2.7614724	4.9966701	4.7433354	5.2503459	5.0861567	3.7103478

## 177	3.7675742	4.9346647	4.3446615	5.0059007	4.3665950	4.6922794
## 178	4.2386516	3.5925291	3.3932973	3.1795638	4.9704998	1.8107593
## 179	4.4178119	4.2508475	3.7467621	4.7054213	5.3501239	4.2101812
## 180	3.7826677	5.0768693	3.8146326	4.7463408	4.5256123	4.1475991
## 181	5.3092600	4.5583684	3.1161489	5.2546588	4.5797952	4.0689818
## 182	4.7885419	4.5082174	4.4932632	5.2863426	4.6928991	4.9548406
## 183	5.2136845	5.0007214	4.0900723	5.7669507	4.1633827	5.4995167
## 184	4.5207232	4.5972142	4.9461969	5.0635856	2.8834966	5.2760063
## 185	4.3959830	5.0016683	4.9506823	4.8468616	4.2052788	4.5554886
## 186	5.3692927	4.5342181	4.2994766	5.5040473	4.2277505	4.6461218
## 187	5.0531217	4.6445374	3.7545789	4.8913880	4.0201359	3.3489413
## 188	6.6496327	5.2659025	3.8329208	5.2365213	4.7631982	5.3994474
## 189	4.1886004	1.1747903	3.2268772	3.2767913	5.4482479	3.5554233
## 190	4.5606107	4.0647604	3.5998662	3.6370070	5.1945901	3.3558644
## 191	5.2814449	4.5396605	3.6959965	5.8059099	4.1140784	5.1805284
## 192	3.9972708	3.9414099	3.9065455	4.6012460	4.7680312	2.3425373
## 193	4.4960501	3.8195270	3.9346064	5.3848641	4.9117192	3.5037762
## 194	4.5206200	4.1510304	4.0915869	4.5377523	5.4840781	5.1546633
## 195	5.3096931	4.9537216	5.0811091	4.7018099	3.8767705	5.1387241
## 196	4.8695822	5.0098853	4.8088198	4.4629323	4.1322670	4.8818887
## 197	4.9112862	3.1560743	2.8854226	4.1055613	5.1934165	3.9013554
## 198	5.1842801	3.9508698	2.5334856	3.8103882	4.4976657	3.5270100
## 199	5.2302979	2.7229391	3.9066720	3.9409916	5.7966385	4.1147151
## 200	6.6219310	7.0218696	7.0928808	8.8740105	6.4368015	6.9287667
## 201	3.9854075	4.3200398	4.5015561	4.1126549	4.7700101	3.7625770
## 202	4.3695216	4.6127998	4.2915833	5.7190524	5.3485391	4.5991599
## 203	3.4584360	4.2478858	4.3145328	4.5403781	4.7171827	4.5504955
## 204	4.3002020	5.1062203	5.2863177	5.1103325	4.1274125	5.4742253
## 205	3.5607422	4.6245590	4.6417936	4.8673558	5.1385914	4.5237031
## 206	4.9173940	3.4828817	3.0475168	4.7238603	5.3632097	2.7881424
## 207	4.8137093	4.0537681	3.5319318	3.3796141	5.2763928	2.0706541
## 208	4.7987582	4.5777874	3.9159627	4.8744560	4.2625982	4.8757532
## 209	5.1816908	3.7521640	3.3156782	4.1268818	5.5973721	3.7788902
## 210	5.0971293	3.3917481	3.5804338	4.9400356	5.3795007	4.2140071
## 211	5.2374302	4.8078748	4.7133733	5.6520989	5.8102612	6.1932000
## 212	2.9227744	5.0747411	4.9736693	4.8912385	5.4249639	4.7617050
## 213	4.6294434	6.0089024	5.0231601	6.3307424	5.1831492	5.4662774
## 214	5.3345226	3.4359691	4.6816264	4.9942045	5.0434505	4.3627265
## 215	3.5215508	3.4827472	4.5859327	3.9459071	4.8565853	3.9961175
## 216	4.0089031	3.9179526	4.2675087	4.2939744	4.1651990	4.7538011
## 217	4.5638142	4.2035196	3.8778254	4.0159083	5.3600663	4.4161462
## 218	8.3313522	8.8709145	9.5478016	9.0896589	6.9528280	8.4064469
## 219	4.5122283	3.6040952	3.7076253	4.8813387	4.6778305	4.1025776
## 220	5.2999437	3.5302288	2.9551987	4.2174969	5.6748195	4.5131911
## 221	5.6953268	5.3013793	4.6510491	5.4790248	3.0445954	5.2848079
## 222	4.1082130	5.3502180	4.1949750	4.7939124	4.9644382	4.8599659
## 223	4.1139580	5.3101439	4.8428797	5.0718307	5.2590564	3.8737364
## 224	5.1008675	4.8126713	3.9803672	4.7195900	4.2252505	4.0426699
## 225	6.1356638	5.4030084	4.0119690	6.0421606	5.3404291	5.3455457
## 226	5.5267393	4.7263671	4.4164159	6.7332407	5.3679249	4.8354411

## 227	4.0241782	4.6975460	4.9071265	5.0060033	4.7724807	4.2112301
## 228	4.2149895	4.4940680	5.2702755	3.6449627	5.4621367	4.6882281
## 229	6.4566075	5.7634513	5.4393089	6.3005556	3.9384475	5.3035385
## 230	5.4851806	4.2015621	3.2675414	4.5188291	4.4656082	4.0871420
## 231	6.0352579	5.0570178	4.8597665	5.7407517	4.0103805	4.7137654
## 232	4.0537228	4.9038720	4.2532902	5.2197928	4.3346817	4.7180007
## 233	4.4203244	4.5621605	4.2594890	4.3736976	4.6815933	2.9276395
## 234	3.4719718	4.9349890	4.6851787	4.9118699	4.7390473	3.7432466
## 235	3.1318115	4.8577679	4.6267648	4.9058512	4.8415028	3.5627879
## 236	3.7783560	4.3356580	5.1014958	4.8093324	5.3512894	4.7218169
## 237	4.7416180	4.9470315	4.5896299	4.1591572	5.4846796	5.5607466
## 238	4.8267511	4.5358361	3.9550156	4.9828721	3.8115870	4.4138233
## 239	4.8126172	2.8284656	2.8009562	4.1849062	5.1618547	3.2661281
## 240	3.0527586	4.6930682	4.5430693	4.7763122	4.7487100	3.5531882
## 241	6.0638530	4.6312386	4.1805234	5.5510822	6.1569404	5.6170090
## 242	4.6563806	4.6125844	3.6405766	5.4584818	4.6968021	5.0692964
## 243	4.3423733	5.4321925	4.3839781	5.3692737	4.6166744	4.1320291
## 244	4.2091675	3.1230241	4.1721736	2.5163516	5.5749368	4.0543916
## 245	4.8572889	4.2792867	3.1946196	5.3725705	3.8507545	4.1310243
## 246	4.4757417	3.5976223	3.4522229	4.6819239	4.5993932	3.8119832
## 247	5.6866283	5.7059303	4.6679581	5.3372752	3.7952242	4.9804282
## 248	5.0484019	4.8083314	4.0006771	4.9373411	3.2444095	4.4132725
## 249	4.6590688	5.7332564	4.4047914	5.1359956	5.0298819	4.4783858
## 250	5.3588499	3.7824448	2.8401924	5.3570588	4.7450613	3.6319295
## 251	5.6185026	5.0981837	4.6459410	4.5976080	5.9630714	4.8188380
## 252	5.6859093	3.8818440	1.8269090	4.0773868	5.2714368	4.0826950
## 253	3.8030476	4.3463062	4.3717229	4.7880942	4.4165324	4.0117130
## 254	5.0724640	2.8395168	3.3194513	4.6584094	5.1957251	4.7067247
## 255	2.9583579	4.1472065	4.8446819	4.1663389	5.1867497	3.6697769
## 256	4.2519956	4.2634270	4.7086414	4.5868514	6.0767744	5.1778667
## 257	5.0384340	4.2363942	2.8763460	4.1348266	4.1731393	3.5121840
## 258	4.5693031	3.6396777	3.4609995	4.4471999	4.9524646	4.8424898
## 259	5.2341256	4.0881540	3.9432729	4.9236222	5.2084971	4.0278569
## 260	3.8291647	5.3978819	4.4096399	5.7051136	4.7802188	4.2020390
## 261	4.5146948	4.6189107	3.4882067	4.5028974	3.9750957	3.7412681
## 262	4.5534263	3.7705114	3.8137967	4.2732808	5.0075236	2.6818975
## 263	5.6487721	4.5417912	4.9373832	5.9200133	4.4188631	5.1103229
## 264	4.8054290	3.5009602	3.3797042	4.5680672	5.7075004	3.7390663
## 265	5.1273255	4.2380323	2.9842741	4.6547834	4.5687691	4.6758966
## 266	4.1561844	5.2773025	4.8279132	4.9838691	5.3845270	4.1670700
## 267	5.3689323	6.0034265	5.2920145	5.9796201	3.8718766	5.4410374
## 268	4.7563895	3.8095803	3.7448782	4.3816099	4.8006302	4.1106719
## 269	5.7220807	4.2895559	2.4738785	4.7699123	5.3129929	3.8381928
## 270	5.3681695	4.7767842	3.8145993	5.7647153	4.7254998	4.2911771
## 271	4.6579669	4.9104529	5.0462899	6.0463782	5.3797497	5.4244173
## 272	5.3870088	3.8210964	2.5322973	4.9642889	4.9577147	3.6323628
## 273	5.0501787	4.1341991	3.3039625	4.6270760	4.3638319	3.6174641
## 274	4.9294505	5.0719641	3.8323442	4.6431301	4.6014228	3.8402413
## 275	4.4375306	4.2274482	4.2878396	4.9614697	5.4368034	4.7612184
## 276	5.2132088	4.7379267	4.2948943	4.7158660	5.5980884	4.1472829

## 277	5.5136145	4.6337927	3.1994844	4.2119085	4.9383182	4.2344619
## 278	5.4851142	4.4475288	3.6790109	4.9258194	5.0154256	5.3355943
## 279	5.3980861	3.4710575	3.2872949	4.3065625	5.5797825	3.4474236
## 280	5.9591076	4.6790113	3.2039079	5.7008727	5.3440163	4.3370062
## 281	5.3958896	4.9822100	4.0814223	5.6179687	5.0236662	5.3129757
## 282	4.4780979	5.4661792	5.0662999	5.5302824	4.2200208	5.3211348
## 283	5.3929971	6.3955330	5.9904164	6.8889727	4.2695366	5.3157609
## 284	4.2341153	5.4361604	4.5111601	5.2728111	4.6849485	4.8780526
## 285	4.4494113	4.6285876	4.1934350	4.2071228	4.9347566	3.4184228
## 286	4.7062734	4.1091621	3.9152406	5.2622087	4.9393800	3.8935863
## 287	4.8505452	4.8950989	3.6965792	4.6249778	3.8459053	4.1954547
## 288	6.2889516	5.8209363	4.6487931	7.0253361	6.1890158	4.7582351
## 289	5.7802646	4.0577130	2.3806618	4.4426887	5.2514963	4.5070197
## 290	5.9576665	5.0648412	4.7404357	4.7792475	6.2692067	5.2530999
## 291	5.4720409	4.4709749	2.8902903	4.9717922	5.5606971	3.8460884
## 292	4.8495156	4.7333277	3.7932236	4.4226340	4.0180551	4.2839883
## 293	5.0774478	5.3922826	4.0442902	5.9206698	5.4542197	5.1580649
## 294	4.3584071	4.3096505	4.3948752	5.2373418	5.5224768	4.8027531
## 295	4.5788226	4.5538451	4.4235445	4.8257802	5.8193480	5.8437307
## 296	5.3559278	4.8487660	3.6051967	4.4622583	4.8250429	3.7881573
## 297	7.8100234	7.7584812	6.5214451	8.3961450	7.9247789	6.6913054
## 298	4.8942588	6.0943734	5.2174087	5.4962271	5.2303089	5.1368891
## 299	4.5489128	5.9717068	4.9512981	6.1623321	4.8740159	4.7089777
##	127	128	129	130	131	132
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## 128	6.1301793					
## 129	5.4452292	5.3053210				
## 130	6.6700887	4.3794098	5.3737100			
## 131	7.0737006	4.5468192	3.7102457	5.4218968		
## 132	6.5402503	5.9324672	6.9297167	4.3237861	6.7319749	
## 133	4.7173384	4.1195078	3.4286596	5.0673478	4.2142071	6.5648885
## 134	7.4950772	5.0181405	3.3222335	5.1851780	3.2580152	7.1709432
## 135	7.9315736	6.7785020	5.2297367	6.7478998	5.1642274	7.3327401
## 136	6.0667324	4.2265902	3.3813603	4.4602037	4.6011864	5.8889689
## 137	6.3113317	1.4460532	5.3935666	4.3983497	4.7321084	5.9177667
## 138	5.2517701	4.7155083	4.1876533	4.5082085	5.1150617	4.7879884
## 139	4.6777227	3.0641747	4.2322359	4.3078356	5.4188379	5.9612631
## 140	5.3308872	5.1573437	2.7870635	4.8344856	3.9188267	6.6333042
## 141	5.5394069	5.0061988	4.1493269	5.4360856	5.3152982	6.3112378
## 142	5.8789925	3.2096844	4.5501021	4.1802925	4.6735844	6.4548922
## 143	3.9202676	3.5229148	4.4266998	4.9332891	5.6915705	6.0912465
## 144	5.8733587	3.5733263	3.9025904	4.4920923	3.9944465	6.6736986
## 145	5.9307568	5.8162180	3.4804728	5.2158485	4.2991146	6.6104822
## 146	6.3253929	4.9946793	2.5550650	4.5587547	4.2688205	6.9508013
## 147	5.7442746	4.9563352	2.2852985	4.8914409	4.2620946	6.6626852
## 148	6.7114507	3.9118411	4.1976456	4.9079285	3.7489871	6.0283138
## 149	5.4492381	4.8704476	4.5477142	4.5716995	5.2004567	5.4498905
## 150	5.5106014	5.1510322	3.0460324	5.2065024	3.7368556	6.4292747
## 151	4.5840460	4.8442199	4.3802132	5.5374481	5.2818450	6.0190728
## 152	6.0830135	3.6777491	3.9667341	4.6126156	4.0955582	6.3103825
## 153	5.5367271	5.0455349	1.8643889	5.4940969	3.1784059	6.7089315
## 154	5.7312027	4.5950375	3.5386850	4.4045335	4.1686328	5.9317622
## 155	5.1771782	3.7194499	3.6698568	4.9384269	4.1229619	6.4738805
## 156	5.7631721	3.9478767	4.4325636	2.2798086	5.1249887	5.1216326
## 157	5.2545739	3.0529180	4.3224592	4.0892746	4.6712482	5.7253807
## 158	5.5828267	5.1564725	2.3531009	4.8184636	4.4905332	6.5314977
## 159	6.8215085	4.0072650	4.5933211	4.8744376	4.3554881	5.5471356
## 160	6.4731169	4.4469486	2.7048019	4.7720216	2.5354058	6.4811732
## 161	5.4565434	4.1451168	3.1797927	4.5484732	3.5946348	5.7379081
## 162	6.5242911	4.5407050	3.4443544	4.2004303	3.6007840	6.4889373
## 163	6.7410947	4.3115701	3.5876788	4.8932805	3.7161766	6.3586466
## 164	6.1612988	4.5814803	6.1260498	4.7250040	5.5587473	6.8391717
## 165	5.3385235	5.1461372	5.0717078	4.7287824	5.4796961	6.4235058
## 166	4.3961542	4.6913506	4.6912315	5.6886541	5.7141315	6.5916370
## 167	6.4802074	4.3511246	3.4781651	5.6171498	3.5636242	6.5715953
## 168	4.4345500	5.7448153	5.0512396	4.5183566	6.6023178	5.5652780
## 169	5.1884332	2.7960958	4.3437665	4.2464471	5.2222999	6.0083972
## 170	4.6606900	4.4210419	3.3113300	5.8227006	4.7321778	6.7381089
## 171	5.7185933	3.8520819	3.7968482	3.5554235	3.9541619	5.2381620
## 172	7.5161461	6.0092181	4.6741187	5.9861731	4.1664021	7.2432120
## 173	7.9893543	4.8690103	4.0664183	5.0052125	2.8944607	7.1055835
## 174	5.9874935	4.7053744	3.9997187	3.7931135	4.9173634	6.3588272
## 175	5.3639008	4.7467910	2.1892766	4.8727397	4.1054067	6.4960027
## 176	7.2559269	3.6888526	3.9986757	4.7908989	2.9994327	6.2589155
## 177	6.4622042	5.1884791	3.1910728	5.3375087	4.0319085	6.4181298

## 178	6.4514081	3.0262924	4.9405702	4.2586017	4.3999276	6.3858904
## 179	7.5103291	2.9008171	5.3176664	3.1898085	4.4533496	5.9536853
## 180	6.4934173	4.6128496	2.6176993	4.6849679	3.5924222	6.7016819
## 181	4.9106697	4.1973736	4.0878242	4.0488166	5.2388444	6.0005699
## 182	5.3139415	4.8336968	4.2396724	4.4726251	5.0562208	6.2339067
## 183	5.0024347	5.2400548	3.7425289	4.9181191	5.4624889	6.3914203
## 184	4.8706418	5.5958993	3.8723015	5.3041469	5.2555826	5.7634454
## 185	5.7869183	5.2842095	3.8094154	4.7608650	4.6760656	6.4885115
## 186	5.0564409	4.1850347	4.9598515	4.0243594	5.5762196	5.5635667
## 187	5.1083950	4.1927739	4.9054249	5.8083926	5.1814535	6.9763525
## 188	5.6317687	5.0764022	5.6524130	4.6091706	6.4002439	6.5025583
## 189	4.8818241	3.0271750	4.3746773	4.4402236	4.5259446	6.0324673
## 190	5.4709716	4.2169459	3.9177704	5.1934923	4.4146922	7.1216488
## 191	5.5392939	4.4262203	4.4115631	4.4141386	5.7275158	5.0072766
## 192	6.3419343	2.4200200	5.0553673	4.8822948	4.4292207	5.7443964
## 193	5.0894645	3.3494964	4.6242011	4.4227765	4.8036935	5.4719829
## 194	6.9355085	4.6249378	4.2156756	3.7483002	4.8103369	6.2214718
## 195	4.2933541	6.2594233	3.9536739	5.4251162	5.5126515	6.7571726
## 196	7.3076465	4.8011989	5.2421430	4.0993382	5.0867680	6.2836535
## 197	4.3111756	3.8218670	4.0969427	4.7459638	4.8923071	6.3649810
## 198	5.4488331	4.0343653	3.8442482	4.8755279	5.3637203	6.7092912
## 199	4.0614961	4.2505113	4.4960482	4.8466921	5.3093216	6.3303049
## 200	5.5026664	7.0965176	6.2497755	8.1323599	7.2136212	6.6587893
## 201	6.9046098	4.4016505	4.7113610	4.6438168	3.9513716	6.1697487
## 202	5.7536405	3.9803253	4.4014631	5.1319603	4.3172692	6.3702438
## 203	6.5751453	4.4478112	3.6310434	5.3405459	3.8697597	6.6925666
## 204	5.5061578	6.2523477	3.0014983	4.8500403	5.0167679	5.4669333
## 205	6.9892632	4.4669713	3.5263482	4.9785696	4.0125483	6.5171017
## 206	5.4192899	1.9220045	5.1107657	4.2103266	4.9659911	5.8250897
## 207	6.2476189	3.4337612	4.8836509	4.2577825	4.6991376	6.7085434
## 208	6.4862350	4.8687697	3.9169583	5.1727265	5.3061152	6.4630911
## 209	6.3371465	3.0849518	5.3972004	4.1039645	4.7553447	6.0576947
## 210	3.5101508	4.2275693	4.2187728	5.7107464	5.1814128	6.4643800
## 211	5.3720919	5.8043710	2.9476274	5.5496202	5.4372575	6.9867143
## 212	7.0787038	5.1294281	3.4506099	5.6571954	2.8778322	7.2703181
## 213	7.3174483	5.0740333	4.0012003	5.7457072	4.8524242	6.7762423
## 214	2.9822671	4.5652258	5.1829735	5.4401895	5.7015563	6.0917739
## 215	5.4946933	4.4130949	3.2488497	4.8753456	3.9137621	6.2005813
## 216	5.3297659	5.1156313	2.8690758	5.2158022	4.4961514	6.1818269
## 217	6.3372395	4.2331848	4.1150376	5.5955439	4.3866019	7.1235541
## 218	9.2163070	8.9710331	9.8294879	7.7951703	9.1123943	5.8852642
## 219	5.6145235	3.5112969	4.4786014	3.8670956	4.7063710	5.1364496
## 220	5.0226628	3.9436552	4.1210008	4.9610099	5.1311951	6.9462221
## 221	5.0048361	5.7736777	4.2702998	5.2307359	6.0720724	6.1275110
## 222	7.6277789	4.9243408	3.7091518	4.6835358	4.2014122	7.0188568
## 223	6.6025420	4.6498976	3.7911387	4.4578772	3.9933771	6.4979055
## 224	5.3432408	5.2283342	3.7904402	4.9270872	5.2360351	6.4928513
## 225	5.8034694	4.8446804	4.6106878	4.7578580	6.0111648	6.5093651
## 226	5.5414543	3.9873712	5.8127567	6.5259139	6.0873767	5.9931152
## 227	5.8273792	5.1293079	3.4936564	4.9213162	4.5543705	6.0193009

## 228	6.7251337	5.4210456	4.4995492	4.9394870	3.6420142	6.6187305
## 229	5.2719445	6.2007683	5.8849317	5.4772333	7.2581148	4.4208822
## 230	5.1062907	4.5535342	4.0695148	5.3383694	5.8484317	6.4676578
## 231	4.2592812	5.7238686	5.3996257	6.4464666	6.6400034	6.6234595
## 232	6.0958614	5.1305522	2.8291436	5.2830748	4.6035589	6.4147260
## 233	6.0061701	4.1568785	4.2724421	4.0394011	4.4103304	6.1194097
## 234	6.4288321	4.3827995	3.5106381	4.3434034	3.4747042	5.8651748
## 235	6.6246301	4.1107147	3.5772133	4.4886229	3.1411730	6.0442432
## 236	6.7207794	4.3827092	4.1679465	5.2489021	4.1185046	6.4169766
## 237	7.7013392	5.2993597	4.2713470	4.9831811	4.7798447	7.4309086
## 238	5.4548859	4.9963222	3.6555990	5.0714719	5.3476859	6.0089455
## 239	5.4970080	2.3741597	4.9501126	4.1535736	4.9638530	5.6764828
## 240	6.6139828	4.1096569	3.5315113	4.3949091	3.3079359	5.9992645
## 241	5.6900960	4.6886007	4.8944196	5.7053423	6.1207529	7.0932883
## 242	5.6532955	4.7359750	3.3179691	4.4907605	4.8970243	5.9436192
## 243	5.9163292	5.1141462	3.1300021	5.0046404	4.4105445	6.6177687
## 244	6.4296368	4.1737219	4.3815816	5.0341868	4.1868463	6.8257369
## 245	4.9445430	3.9579382	4.1562017	3.8631434	5.1031035	4.9555797
## 246	5.7793443	3.2017499	4.4830712	3.1356242	4.7588000	5.0877697
## 247	5.5549690	5.6202317	4.4575638	5.1902827	5.3786288	6.7006185
## 248	5.3559534	5.1428347	3.7425453	4.2221444	5.5367003	5.2517654
## 249	6.6933511	5.2325262	3.4470758	4.7379845	4.3252473	7.0133095
## 250	4.2514973	3.5199830	4.7831861	5.1645526	5.7084366	5.8513431
## 251	5.8162938	5.3448743	4.4457331	6.1230451	4.9574891	7.6415547
## 252	5.8726994	3.6232488	4.7611384	4.1345635	5.5581403	6.7246786
## 253	5.1231852	4.6844507	3.1033169	5.3225724	4.0380465	6.3631986
## 254	4.1630131	4.2234595	4.1258109	5.4871468	5.5520955	6.3027403
## 255	6.7545501	3.9388430	4.2600317	4.7269379	2.9447984	6.3560098
## 256	6.2819899	4.8502879	3.6359780	4.2690858	4.1202510	6.7139089
## 257	5.7376878	3.8959258	4.1956627	4.5643485	5.2482942	6.1128183
## 258	5.3516592	4.4023955	3.5222065	4.3120727	4.6943929	6.3148294
## 259	5.3487217	4.2004699	4.6846610	3.9064953	5.3399842	5.9290107
## 260	6.4157625	4.5735786	3.2597682	5.4457406	3.9788807	6.7340658
## 261	6.0328097	4.3939955	3.6647123	4.3691487	4.7010102	6.2688125
## 262	5.6468828	3.3029194	4.6402564	5.1608759	4.7162769	6.2508379
## 263	4.5992162	5.0598599	5.3189165	5.1071960	6.1305214	5.6722659
## 264	6.8877556	2.2426860	5.6979962	4.4762254	5.0216293	6.2286038
## 265	6.2100536	4.2972422	4.4246861	3.6862949	5.2194560	6.0142290
## 266	6.8636687	4.6809854	3.7876884	4.5593749	3.9850208	6.6645708
## 267	5.2624720	6.2397779	3.9231427	5.6197721	5.4696276	6.5158156
## 268	6.3222717	3.9052305	4.9638851	2.8744969	5.0242448	5.3115368
## 269	5.5064259	3.5487656	4.9033481	4.4695174	5.5391758	6.5929918
## 270	4.9174405	4.5338206	4.5637810	4.7574154	5.4341450	5.9516646
## 271	4.5239750	5.6443078	3.4811858	5.6385263	4.8970659	6.2287962
## 272	4.8236068	3.4348058	4.7617309	4.9003211	5.4830021	6.1956162
## 273	5.2958265	4.1490742	4.2792552	5.4013005	5.4564126	6.3215369
## 274	6.3633021	4.7200266	4.1238150	4.5539906	4.8723924	6.8327501
## 275	6.2759406	4.5927727	4.1722684	4.1999837	4.7080147	6.1041713
## 276	5.3046685	4.7111754	4.1477370	5.8617798	4.9910574	7.3119029
## 277	6.4059224	4.3092844	4.4600525	4.9405819	5.4961077	6.8948562

## 278	6.6831738	4.9859109	4.9625317	4.4790643	5.7489184	6.4343094
## 279	5.2992603	3.3968558	5.1473909	4.4203049	5.2919208	6.2016621
## 280	5.2530519	3.6894964	5.0378661	5.0391619	6.0151619	6.3454756
## 281	6.4376349	4.7664249	4.9285189	4.9565530	5.1266549	6.0931601
## 282	6.8224997	5.8804146	4.2346997	5.1383730	5.1396367	5.7881587
## 283	5.5592773	6.4980230	4.8009877	5.6840782	6.0520641	5.1630253
## 284	6.6996854	5.2032739	3.3228912	5.1997742	4.0668340	6.5527288
## 285	6.7489403	4.0259242	4.4119664	3.9114569	4.3751039	6.4007981
## 286	5.7342136	3.3650495	4.7330818	3.8220736	4.8689152	5.3537878
## 287	6.1776280	4.6723767	3.8002198	4.0328188	5.0062449	5.9444319
## 288	5.9440895	4.0772441	6.0179023	6.3119064	6.1740545	6.9087804
## 289	5.9991000	3.8371966	4.8973959	4.3811351	5.7078313	6.5303047
## 290	7.8344399	4.6923091	5.7038876	5.5380139	6.0373949	7.4465936
## 291	6.3435458	3.3109947	5.4058191	4.7799646	5.2873053	6.7951001
## 292	6.2681193	4.9430729	3.9839133	4.3479791	5.0912682	6.2156562
## 293	6.4037034	4.6753573	3.9660040	4.6665831	4.9750679	6.6597990
## 294	6.3827789	4.4453297	4.2643015	4.4798534	4.6848219	6.1526718
## 295	6.6459424	5.4477668	3.6262575	4.8889949	4.7171608	7.1136934
## 296	6.0687874	4.4209895	4.6886235	5.1300512	5.0712950	6.6232530
## 297	8.1273463	5.8679591	7.6136287	7.6343583	7.2338663	8.4601001
## 298	7.1608107	5.9644713	4.4415147	5.3873146	4.4345426	6.8984009
## 299	6.5283361	5.1182082	3.8401519	5.3881317	4.6235224	6.4757666
##	133	134	135	136	137	138
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137 4.3988223 5.1522540 6.7188318 4.1632667
138 4.6187970 5.8578958 5.5253868 3.0836864 4.8330190
139 3.3063293 5.1683347 5.9121657 3.1952113 2.9921754 4.1666547
140 2.5306594 4.1988759 5.0649750 3.3120600 5.2439296 4.1904436
141 4.6900110 5.0766023 4.9610124 2.3019811 4.9107798 3.5810611
142 3.1773241 5.0622559 6.5430321 3.9918406 3.8559979 3.9138129
143 3.3415463 5.8375540 6.3140253 3.9269823 4.0162798 4.0794884
144 2.6648662 4.1634406 6.5097385 3.9344666 3.5501188 4.3819287
145 5.0062205 4.5547370 5.4494389 4.5203032 5.9664506 4.2603226
146 3.9360361 3.6393124 5.3183924 3.3034595 5.1890068 4.4200841
147 3.8911146 4.0962914 5.2009294 3.1186450 5.0045841 3.9214769
148 3.8498519 3.8414811 4.4994034 2.2175411 3.9526778 4.2397651
149 5.0078212 5.6728339 5.5809411 3.2196197 4.6942503 2.5815532
150 2.9545752 4.2930453 4.2090635 3.0664633 5.2045280 4.0244743
151 3.4216356 4.7505469 6.3819017 3.9522407 4.7025445 4.7421035
152 3.7382812 3.3152821 6.4787778 3.6303247 3.6932182 5.2768925
153 3.2923182 3.2372325 5.7848952 3.8714089 5.0177245 4.7084119
154 4.3682644 4.5231629 4.3279444 3.8711254 4.8397819 4.5578745
155 2.6922159 4.7243572 6.1798397 3.7496480 3.6766396 3.6868613
156 4.6258554 5.3334016 6.0967857 3.5683412 3.8035836 3.3659305
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158 3.9221835 4.3248556 5.2215688 3.2898185 5.3307193 3.7800165
159 4.9906454 4.9308994 4.9860648 2.4880409 3.7202626 2.9221543
160 4.0016503 2.8592074 5.9394230 4.0591045 4.8303703 4.2568690
161 3.5002585 4.2568080 6.0407168 3.1350936 4.0986859 2.8948993
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164 5.0293291 6.5045670 6.1319371 5.4852905 4.2953115 5.7791817
165 4.7015916 5.8162696 5.3530793 4.4979958 5.6000584 5.0330051
166 4.2083518 5.4596079 6.1298455 4.3013264 4.3687314 5.1980518
167 4.2623725 3.6772841 5.5872965 3.5159189 4.4005364 4.7273396
168 5.2737103 6.4758442 6.6499974 4.4168375 5.3356964 4.5431544
169 3.3629248 4.8279297 5.6649912 3.0732114 2.9077302 4.3501724
170 2.3751920 4.6981354 5.5249598 3.2479569 4.5532920 3.9824850
171 4.7161466 4.7661942 5.6264368 4.1675068 4.0723942 3.7448130
172 5.0949739 4.9986058 2.8608047 4.6540059 6.3664792 5.5246633
173 4.9596986 2.4859850 6.1556138 4.5348310 4.6028058 5.6947622
174 4.1639750 5.3984600 6.2136303 3.5691428 4.6888481 3.1864943
175 4.0521037 3.5066801 5.5581070 3.8004145 4.8333057 4.7179334
176 4.7895004 3.3983382 5.8427342 3.7728310 4.0472648 4.3425217
177 4.5500285 4.2826090 3.7018368 2.9484971 4.7947063 4.2109491
178 3.4964998 4.8898236 6.6984157 4.0951806 2.7430890 4.6248864

## 179	5.0734128	4.1795037	6.6260889	3.9764954	2.9978259	5.1017251
## 180	3.8569427	3.1674815	4.5520246	2.9044759	4.8239355	4.3318214
## 181	3.8004011	5.2810300	6.2609675	3.7480820	4.6466277	4.1677155
## 182	5.4536697	5.5757664	6.1232620	4.6336767	4.8116667	4.2494888
## 183	5.1650180	5.1469413	5.4754696	4.0012493	5.2776673	4.5341897
## 184	4.2522532	4.7134280	6.1142171	3.4607975	5.4114104	4.1256897
## 185	5.0788533	5.1472008	5.8548633	4.2336874	5.2620551	3.8474071
## 186	5.1568949	5.8268326	6.6890175	4.1973443	4.6365111	3.6223279
## 187	3.5418134	5.4262031	6.3773750	4.1022926	4.0757843	5.0779279
## 188	4.7534302	5.9785011	5.8955474	4.8127490	5.4405812	5.5082733
## 189	3.3484759	5.0864148	6.7763516	4.4437388	2.8673512	4.4589251
## 190	1.4026592	4.0638546	6.8557831	4.3590287	4.5728003	5.3552672
## 191	4.8986629	5.2519236	5.3660466	2.6897789	4.5437305	3.4135503
## 192	3.9122373	4.8319759	6.5188900	3.7012915	2.7116156	3.9925879
## 193	4.5718383	5.8266726	6.6356452	4.0377647	3.5993893	3.3277760
## 194	5.5574249	4.7888834	5.5864284	4.1097885	4.2559042	4.5224242
## 195	3.8802670	5.6664820	6.5827140	4.6249865	6.1473865	4.7601294
## 196	5.3992238	4.7209257	6.0513954	3.6839787	4.5830734	4.6108090
## 197	2.2720414	4.8336789	6.6633775	4.4993950	4.1190028	5.1313665
## 198	3.0311010	4.8679524	5.7053210	2.6836835	4.0602600	3.8756190
## 199	3.5640796	6.1029633	6.9489603	5.0730051	4.5147397	4.2837885
## 200	7.0864163	8.2501883	7.0762711	6.4681554	7.1629173	5.5096197
## 201	4.6085272	5.2018256	4.8649603	3.4336975	3.9117998	3.9181874
## 202	3.7391062	4.1177810	7.0024748	4.4983551	4.6037381	5.4471664
## 203	3.6151351	3.0362031	6.0336406	3.0022903	4.2912117	4.8917852
## 204	4.3381483	4.3924993	5.9761012	4.3419291	6.1644510	4.4100221
## 205	5.1355455	4.1977102	5.2042669	3.2063917	4.3983704	3.5652812
## 206	3.9128416	5.4825008	6.9182680	4.4129254	2.8471219	4.2679797
## 207	3.3559407	5.1577855	6.9296870	4.4165646	3.6837664	4.6173098
## 208	4.6489493	4.7368064	5.1033879	1.6411555	4.4694162	3.6363772
## 209	4.2971500	5.5690048	5.2932916	4.3755001	3.3850297	4.6691513
## 210	2.8500937	5.6976835	6.4833622	4.6560917	4.4884443	4.8004809
## 211	4.8974455	4.8889396	5.9427387	4.4679960	6.0711452	4.7508888
## 212	3.9682326	2.5279655	5.9619802	4.4756264	5.0125669	5.9644048
## 213	5.2706742	3.7445321	5.4116482	3.4254479	5.5235222	4.7061562
## 214	4.2177895	6.5450874	7.6487027	5.6134726	4.7079019	4.7462036
## 215	3.6684182	4.5647202	6.1357042	3.3856407	4.5273718	3.0135194
## 216	3.4448699	4.2763288	5.2803171	2.5928803	4.9102859	3.6188558
## 217	2.8599210	3.7133697	5.6136702	3.6323059	4.5349268	5.1739430
## 218	8.6821024	9.0053415	10.6276667	9.3127212	8.7990148	8.9432955
## 219	4.7353110	5.4890877	5.3907118	3.2723303	3.5709800	2.8551554
## 220	2.8462286	4.6569485	6.5502697	4.3685317	4.4588051	5.2496302
## 221	4.8559686	5.8108429	5.4940060	3.1125512	5.7262439	3.3779442
## 222	4.7118323	2.7680218	5.3905232	3.3842770	4.7575730	5.3517211
## 223	4.5671601	4.4602647	6.2801439	4.4192837	5.1815574	4.1597852
## 224	3.7821880	5.5157662	5.7642684	3.3272740	5.0973716	3.7712730
## 225	4.8185932	5.5576935	6.2632857	3.9338761	5.5675821	4.3577936
## 226	5.1291883	6.3971779	6.5408840	4.5134989	3.9116404	5.0098072
## 227	4.8931581	5.3692206	5.7392524	4.0058386	5.0193003	3.0691211
## 228	4.1768636	5.1195752	4.8981188	4.5082880	5.3064546	4.6750574

## 229	5.1849210	6.9623697	7.1162987	4.9865504	6.1017463	4.3404161
## 230	3.6286423	5.5289747	5.6968654	2.8852907	4.5354805	3.4723733
## 231	4.7600230	6.9648156	6.8680413	4.7667366	5.2920159	4.7219349
## 232	4.5595841	4.2899660	4.9237737	2.8257447	4.8945756	3.8241100
## 233	3.9270488	5.1522632	6.5607558	3.8633160	4.4500510	3.5151128
## 234	4.4715950	4.2463869	5.2981906	3.7865220	4.7468699	3.4794030
## 235	4.4545068	3.9966449	5.4095821	3.7614942	4.4239553	3.7639208
## 236	4.4942969	4.1329833	6.3653828	3.6437906	4.6976675	3.9907578
## 237	4.4030670	2.9609709	6.2885431	3.6453095	5.1880239	5.7575390
## 238	4.2052775	5.2655883	5.3587253	2.2180710	4.7220066	2.9937860
## 239	4.1148895	5.5511912	6.0421068	3.8868809	2.4283905	3.8851315
## 240	4.4987316	3.9619268	5.6259598	3.6888927	4.2559362	3.7554089
## 241	4.2928365	5.2407694	7.1396760	4.8079818	5.3745355	5.4751735
## 242	4.7559523	4.6148820	4.9652048	3.4649808	4.7303715	4.1891062
## 243	4.0085547	4.3337823	5.9044553	3.9447000	5.3503047	4.4787159
## 244	3.5217742	4.5871306	5.7221671	4.0227657	4.0066921	4.5810238
## 245	4.0040636	5.0641633	5.7728557	3.1509998	4.1240361	3.6969849
## 246	4.5724519	5.0776709	6.2397143	3.4333595	3.3625977	3.2939159
## 247	4.4175785	5.5446450	4.9066834	3.6631926	5.8930659	4.2333605
## 248	4.0651470	5.1108118	5.6022145	2.4888947	5.1063991	2.8358583
## 249	4.1383602	3.9017062	5.6477196	4.0955570	5.5909137	5.0283521
## 250	3.6991227	5.9150746	6.5672905	4.0778587	3.5683578	4.3886472
## 251	2.9809243	5.2837118	5.5030525	4.7416496	5.9055614	5.3348082
## 252	3.6434065	5.0287006	6.2020223	3.9377909	3.6973118	5.2134716
## 253	2.7757087	4.1034582	6.2472523	3.4483099	4.8986188	4.1650599
## 254	3.4739067	5.3714822	6.5229133	4.0936914	4.0999558	4.6196941
## 255	3.7269983	3.6584106	6.5648509	4.1116296	4.1286107	4.7037950
## 256	4.7094363	4.2565446	6.5682507	5.0526716	5.1931063	5.0795207
## 257	3.1295736	4.5761829	5.7161764	2.8026934	4.0212063	4.0275213
## 258	3.5554949	4.1150931	6.3468548	3.6763397	4.4756096	4.7720217
## 259	4.6821587	6.0367347	6.8351489	4.3997848	4.3660787	3.7508303
## 260	4.2460840	3.7225659	5.6654300	3.4903225	4.8545440	4.5481079
## 261	3.5877196	4.2886761	5.7955926	2.4915652	4.3466267	3.9141272
## 262	3.7368137	5.5548244	5.9771461	3.6537907	3.4894238	3.3426320
## 263	5.6888050	6.8788197	6.7430649	4.6535165	4.9036324	3.6436078
## 264	4.7711996	5.1597568	6.8206480	4.4211107	1.8671775	5.2424872
## 265	4.4189093	4.7554165	5.7066024	3.2486153	4.0091232	4.6968831
## 266	4.7278439	4.3525721	5.9358780	4.2196990	5.1311562	4.1735430
## 267	5.0401896	5.6088883	5.1730093	4.3668549	6.3492059	4.3488736
## 268	4.8592935	5.3107698	6.5313619	4.0692809	3.5697862	4.2481895
## 269	3.5119386	5.2799433	6.5639329	4.3206181	3.9976199	5.1996780
## 270	4.2316318	5.8173696	6.4519892	4.1883226	4.7199393	4.4210616
## 271	4.4274581	5.3004967	6.3931010	5.1328692	5.8463170	4.9844929
## 272	3.5364175	5.6128319	6.3153828	4.0473050	3.5247227	4.7077120
## 273	3.4669283	5.3033363	5.8560492	3.0377125	3.9911457	3.8770631
## 274	3.7059503	4.5709032	6.3878367	3.5211904	4.7770074	4.7219713
## 275	5.3236390	5.2685870	5.9006229	4.4365775	4.3372382	4.3283918
## 276	2.4459889	4.8187991	6.8040116	4.5896890	5.3676418	5.1384625
## 277	3.6755091	4.6998929	5.6173771	3.0992811	4.4860781	4.5471956
## 278	5.1550539	5.3990480	5.8596674	3.7298692	4.2805294	5.1788889

## 279	4.1297414	6.1645064	6.3624537	4.6341799	3.5684185	4.3026032
## 280	4.0562499	5.5901156	6.8780528	4.3061494	4.4465492	4.8069901
## 281	4.9395983	5.4611467	4.0758531	3.5145324	4.7551064	4.6407632
## 282	5.2659896	4.8319025	5.1638640	3.8817509	5.3322655	4.7488336
## 283	5.3681138	6.2194403	6.7974025	5.2422667	6.5480507	4.5881593
## 284	4.5110794	4.0355145	3.7516273	3.1715508	5.2665057	4.3369041
## 285	4.2155752	4.6429433	6.4477555	3.6267634	4.2824724	3.9345190
## 286	4.6853735	5.3972716	6.5364748	3.9139696	3.8007584	3.5534256
## 287	3.8311739	4.2814630	5.6178821	2.4533278	4.7816870	3.7545921
## 288	4.7945993	6.2156852	7.5222266	5.4149986	5.1416160	5.7712803
## 289	4.0259208	5.1687913	5.8371786	3.7991611	3.8912331	5.0520807
## 290	5.5005527	5.5536787	6.4286891	4.2510954	4.8189232	4.9906696
## 291	3.8686425	5.0420552	6.7913569	4.6162784	3.4963622	5.9075249
## 292	4.0365127	4.6772093	5.6253474	2.7665607	4.6506186	4.0973312
## 293	4.8730345	4.3273611	6.0716773	4.2835171	5.1521344	5.1565754
## 294	5.4206468	5.2088111	6.0148662	4.4103152	4.2315422	4.3684605
## 295	4.7784689	3.7789099	6.2661640	4.6954551	5.2182232	5.9374848
## 296	3.3072753	5.1408821	5.1455345	3.6787323	4.6232407	4.6645429
## 297	6.4987904	7.2043111	8.0954360	6.9998899	7.0727047	7.5346014
## 298	4.8446687	4.9120122	4.5134340	4.6464371	5.9199488	5.4998374
## 299	4.6032715	4.2100449	5.9864366	4.0759998	5.5937612	4.7038478
##	139	140	141	142	143	144
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## 180	3.9247704	3.3656556	3.9818318	3.8535006	4.2298387	4.3375547
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## 183	3.8601656	4.6697954	3.4921949	5.1881863	4.1189185	5.4497284
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## 188	3.9179364	5.0018413	4.6452381	4.5192541	4.1372736	5.1562056
## 189	3.0607129	4.1301575	5.0877206	3.7335737	3.6434222	2.4729834
## 190	3.8034371	3.1400036	5.2834693	3.2659467	3.8906947	2.8875814
## 191	3.2494949	4.5984096	3.3475957	4.9689530	3.6363117	5.0964860
## 192	3.8103509	5.0611316	4.4699736	3.0477401	4.2071125	3.2906756
## 193	3.5352423	4.4388518	4.6167002	3.9369102	3.2792122	4.5558278
## 194	4.1442164	4.9775878	4.8686643	4.8154049	5.0840059	4.5395571
## 195	4.8326160	3.0216084	4.3002885	5.1785937	4.9379514	4.7082185
## 196	5.0049369	5.0449186	3.5093028	4.5804745	5.9428554	4.2216899
## 197	2.7983397	3.3989322	5.2492957	3.8650241	2.7901622	3.4947417
## 198	2.3992273	3.6898770	3.6493792	2.9726102	3.0244218	3.2857387
## 199	3.5671692	4.0732664	5.5880598	3.6906053	3.2591649	3.4376377
## 200	6.2336899	6.9556133	6.3560819	7.7021207	5.5793385	8.0697648
## 201	4.3629868	3.7882127	4.1706994	4.3398756	5.1230288	4.0405228
## 202	4.3368255	4.0577966	5.2884872	4.8250319	4.1760134	4.6684484
## 203	4.3612410	3.5379203	3.9599285	4.9281991	5.1313263	3.6462683
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## 205	4.5434765	4.8120452	3.9355484	4.2957619	5.1147583	4.1770536
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## 207	3.7621053	4.2400382	5.3506537	1.7600934	4.0029026	2.9130586
## 208	3.6677572	4.0867130	2.6458915	4.8819599	4.6511026	4.4034028
## 209	3.3526734	4.5800713	5.0844916	3.3732960	3.7844658	3.8604736
## 210	3.0379511	3.6975103	5.1206725	4.4625706	2.5354518	4.1905589
## 211	4.4837609	4.3835945	4.9744415	5.4693670	4.4356684	5.1431818
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## 214	4.2470092	4.9462461	5.2297984	4.6014048	3.9696853	4.2917639
## 215	4.3546033	3.2641178	4.0618155	3.8386302	4.5141814	2.9588638
## 216	3.9212666	2.6883256	3.3250135	4.8454091	4.4738552	3.7192908
## 217	3.9964470	3.7683490	4.4687508	4.0391206	4.4954517	3.1055662
## 218	9.3796286	9.5090783	9.2954850	9.2328682	9.7879577	8.6867902
## 219	3.3263107	4.2301815	3.8929456	4.0310558	3.6186007	4.2775390
## 220	3.0642595	3.7447469	5.1426583	3.8176549	3.0877854	3.5084459
## 221	4.2405387	4.2231070	2.1272600	4.9577386	4.5039310	5.1239004
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## 223	4.9039386	4.4677772	5.2721627	3.2600693	4.6902023	4.4273644
## 224	3.6627260	2.9241912	4.1081321	4.1808800	3.8056926	4.5816837
## 225	3.9290429	4.5460792	4.6651723	4.3179034	3.4066728	5.3588359
## 226	3.7349883	5.9481721	4.7400120	5.7238550	3.9485429	5.6711294
## 227	4.5344440	4.4380871	4.5584813	4.2831776	4.6537147	4.5789200
## 228	5.2007052	2.9011422	5.1651238	4.6932030	5.6119692	3.8740204
## 229	4.8353984	5.8608109	5.3888700	5.5778816	4.9446849	5.8006924

## 230	2.7723759	4.1544669	3.5490166	3.6961441	3.1581700	3.9102896
## 231	4.2163491	5.1937885	4.0960872	5.4441613	4.5178056	5.3739910
## 232	3.9424814	4.1033140	3.5668861	4.8386943	4.4996543	4.7418724
## 233	4.2254182	3.6630225	4.7602815	2.7718140	4.1313435	3.8164581
## 234	4.5904041	4.2240614	4.5870047	3.4540524	4.5670642	4.2382144
## 235	4.5804391	4.2922173	4.5897687	3.5283869	4.6720756	4.1598967
## 236	5.0465950	4.4804908	4.3433791	4.4377313	5.3540027	3.5580149
## 237	4.9848488	4.0618940	4.7331248	5.1403479	5.9824710	3.8414275
## 238	3.4541743	3.5940802	2.9742780	4.5778393	3.9605466	4.5114656
## 239	2.5243634	4.7044216	4.5436654	3.2268135	3.0812122	3.4711560
## 240	4.4952689	4.3605332	4.5370458	3.6410756	4.7456097	4.0589493
## 241	4.1698008	5.1654604	5.4247855	4.7108002	4.0408520	4.5446586
## 242	3.3535370	4.2438076	4.1673081	4.8665101	3.7347929	5.0767202
## 243	4.2928111	3.7916975	4.7993692	4.1025792	4.1574283	4.8783329
## 244	4.1903742	3.9166627	4.7389744	3.7568186	4.9708563	2.0186488
## 245	2.7953447	3.7298849	3.9689854	4.2754390	2.8555742	4.7654042
## 246	3.3123230	4.3451042	4.2684623	3.6220641	3.6694746	3.9979669
## 247	4.5042782	3.5487366	3.1787323	4.4332807	4.4318149	5.1248057
## 248	3.6120095	3.5891940	3.3979074	4.2152869	3.9078996	4.5013549
## 249	4.5795232	3.7828047	5.0819902	3.9569530	4.5833689	4.8359888
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## 251	4.5894948	3.3580571	5.3654735	4.0465450	4.2397674	4.1590413
## 252	2.2139044	4.1759328	4.8786575	3.5473783	3.0752334	3.9070604
## 253	4.1514556	2.6545618	4.2341539	4.3132808	4.0930713	3.8518527
## 254	2.7657431	4.2077313	4.5708303	4.8162699	3.2246186	3.8717343
## 255	4.9519779	3.7574062	4.9912765	4.0320389	5.3141673	3.1606874
## 256	4.8371007	4.3695593	5.8133808	4.4717506	4.9548350	4.1737352
## 257	2.7903784	3.9990547	3.8136845	3.1112058	3.3849358	3.4488883
## 258	3.4625679	3.1431827	4.5475192	4.6315802	3.9176620	3.9107432
## 259	3.7171823	4.2667982	5.0831897	3.7884040	3.5835315	4.5289722
## 260	4.3259498	4.2657886	4.3359799	4.3566281	4.3785516	4.8497351
## 261	3.4464266	3.1993129	3.6554909	3.7692410	3.9516831	4.0149586
## 262	3.4682464	4.4518822	4.2597466	2.7707065	3.5756952	3.2967197
## 263	4.3802344	5.2758023	3.9654119	5.2674002	4.4672957	5.4307167
## 264	3.5210748	5.5394107	5.1888205	4.0959666	4.5208055	3.8030163
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## 266	4.8914210	4.5098067	5.0653731	3.4538008	4.8549137	4.3713707
## 267	4.9432917	4.4243196	3.8546131	5.1898644	4.8382156	5.7169520
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## 269	2.6058598	4.3151712	5.1789724	3.4011111	2.6519794	4.2690049
## 270	3.4327132	3.9136562	4.8490606	4.5672518	3.0824853	5.2556943
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## 272	2.1012192	4.2975795	4.7242711	3.8942711	2.2763728	4.3598390
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## 274	3.9566526	3.3557091	4.5865866	3.8123710	4.2739444	4.3179506
## 275	4.1122729	4.8142019	5.0786162	4.7168191	4.6350034	4.7622413
## 276	4.2546341	3.7175693	5.3178138	3.5655194	3.7924954	3.7302723
## 277	3.2891185	4.2545206	4.0663799	3.4069022	3.9199771	3.6890686
## 278	3.6043635	4.4508171	4.5086093	5.5508609	4.8748267	5.0277160
## 279	3.0244271	4.5379125	5.2499239	3.2223143	3.0602957	3.9275912

## 280	3.0376740	5.0375738	5.0051853	3.7467319	2.5386749	4.7405644
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## 282	4.7790118	4.8042417	4.5326175	5.8068746	5.6412343	5.3941488
## 283	5.4829221	5.3509349	5.7092823	5.8102892	5.1980636	6.3609632
## 284	4.3615633	3.8382695	3.9604065	4.6893643	4.7193416	4.9127047
## 285	4.3364969	3.9767988	4.6422534	2.9298729	4.6014830	3.6233800
## 286	3.7139843	4.5862788	4.6388272	3.7310659	3.6445902	4.4148556
## 287	3.6713116	3.4400220	3.6467054	3.7709508	4.1059217	4.1462833
## 288	4.4724642	5.9356287	5.9588042	4.6566572	3.5702633	5.8261126
## 289	2.4783466	4.4608793	4.6454075	3.9590090	3.3404220	4.1556652
## 290	4.8669087	5.9142704	4.9382259	4.2828904	5.5963925	4.1382768
## 291	3.1660536	4.7506759	5.4971344	4.0608639	3.6959944	4.4554177
## 292	3.6955521	3.4088197	3.8135851	4.3158050	4.4537334	4.2537893
## 293	4.1222341	4.7457121	5.1185099	4.6098980	4.0984946	5.3138675
## 294	4.1952852	5.0373839	5.0223498	4.8201295	4.6916721	4.8393558
## 295	4.5578710	4.3063578	5.4939728	5.6662692	5.3575734	4.7124465
## 296	3.4905875	3.7994593	4.4847049	3.5087120	3.7353898	4.0852835
## 297	6.5790125	7.3484456	7.5117721	6.0940474	5.8032942	7.3494981
## 298	5.1522919	4.0440788	5.3783672	5.2415742	5.4540205	5.5581920
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177 4.7000220 3.1191559 2.4878935 3.1627371 4.1607929 3.5018057
178 5.6626670 4.2547025 4.2208327 3.8965177 4.5219826 4.7266467
179 5.5203559 4.6491915 4.9860797 3.7550343 4.8268879 5.1471236
180 4.2703100 1.2695716 1.6482235 3.0854211 4.5116805 3.5724619

## 181	5.5443052	3.3386257	3.2896106	4.0752329	4.8222765	3.9524708
## 182	3.5907941	3.9118292	3.6855698	5.3605628	3.4510590	5.2186710
## 183	3.8417479	3.5064148	3.2973581	4.8974638	3.8310374	4.7627666
## 184	3.7860836	4.9542106	4.6224555	4.3219534	3.1559557	3.7626358
## 185	2.9888411	3.3335326	3.1482976	5.0119352	2.8934928	4.8709014
## 186	4.0306412	4.7070830	4.6977060	4.9746821	3.0771202	5.0790102
## 187	5.6582044	4.5826043	4.2275014	3.7663978	4.2712845	4.4771596
## 188	5.0586614	5.0523090	5.4338100	5.2721665	4.8956752	5.0405088
## 189	4.9290457	5.0405344	4.8412130	4.7862699	4.6116829	4.2508015
## 190	5.4696367	4.0463216	4.2184038	4.1965406	5.5951377	3.7238548
## 191	5.0090234	4.5934291	4.3703580	3.8627312	3.9250806	4.2399403
## 192	5.4333591	4.9106814	4.7551198	3.5367403	4.2453336	4.9167572
## 193	5.4562512	4.5085982	4.0207526	4.2460064	4.0996292	4.5688642
## 194	4.3109755	3.7562810	3.8040164	4.9509872	4.2742066	5.0954001
## 195	4.5193420	4.4720237	4.1538538	5.1708229	4.1692653	3.6140521
## 196	4.0376813	4.7892714	5.0377655	4.1968220	2.9367341	4.9994856
## 197	5.4886402	4.4878294	4.4499272	4.5730819	5.4926808	3.7667493
## 198	5.0511910	3.4529233	3.3825498	3.7446246	4.0887186	3.8617496
## 199	4.9388674	5.0881267	4.9015366	5.6858772	4.9377798	4.3777725
## 200	7.4269589	6.9575571	5.9488576	6.6729016	6.5713407	6.5657041
## 201	5.2041308	4.4406343	4.1345614	3.1076026	3.6936684	3.5932056
## 202	5.8003109	4.8193980	4.8460162	3.9577976	5.8413619	4.1674476
## 203	5.0774607	4.4538977	4.3376873	2.8383214	4.7306166	3.3454581
## 204	4.0732287	3.8890372	3.6433309	5.2206402	4.8351689	4.2000304
## 205	3.7570650	3.4787780	3.3028429	4.0664771	3.6130276	4.6695883
## 206	5.5538041	4.6880792	4.6826907	4.4947807	4.7927035	5.0727990
## 207	5.5427476	3.9430902	4.1201852	4.4246731	4.7938756	4.7882209
## 208	4.9984537	4.0758021	3.7163052	3.1537270	3.4678438	3.7894926
## 209	5.3341735	4.9235355	5.0912903	4.2293686	4.7785349	4.4223415
## 210	5.7026366	5.0417083	4.6327304	4.7815953	5.4326296	3.7385877
## 211	3.9951038	4.0514038	4.0092379	5.6408021	5.2727108	4.4443274
## 212	5.2611469	3.8021159	3.7880137	3.7365498	5.8156858	3.9974109
## 213	4.6516137	3.9004541	4.0742318	3.9900124	5.0144441	5.0363586
## 214	4.9195925	5.8476483	5.4709304	5.9962126	4.4927558	5.1443988
## 215	3.7846253	4.2992107	4.0317786	4.1288102	3.5448502	3.2700633
## 216	4.3100896	4.1764456	3.7637428	3.5146822	3.8269286	2.3814917
## 217	4.9181223	4.7112214	4.9218020	3.6434864	5.2098023	3.4667715
## 218	8.9906204	10.0648140	9.9780867	9.0609802	8.5748885	9.4153345
## 219	4.6654134	4.4509344	4.1721820	3.8515371	3.3598775	4.0214071
## 220	5.1865675	4.5103257	4.7268047	4.7391537	5.5612606	3.9692521
## 221	4.0585796	4.3246801	4.0039564	4.4770023	2.4816210	4.1266731
## 222	4.9202570	2.6925131	3.1154492	3.5286632	5.0068167	4.5962274
## 223	4.3079761	2.7200595	3.0226185	4.6975698	4.7325935	4.9003681
## 224	5.4813920	3.2796639	2.7352678	3.8739702	4.1922704	3.4239586
## 225	5.2970361	4.1678214	4.4264112	4.7803883	5.0951913	4.6615754
## 226	6.8638940	6.2596507	5.6444606	4.3886767	5.4264333	5.4318850
## 227	4.1975395	3.3561103	2.6802556	4.8233034	3.6968367	4.6245178
## 228	4.6480762	4.8816374	4.8755334	4.2338413	4.6706794	2.7456391
## 229	6.3300718	5.9841891	5.5666238	5.8846242	5.0874138	5.8114605
## 230	5.0990711	4.0989663	3.7714234	4.2100998	3.9352656	4.1060569

## 231	6.0091951	5.5745461	4.8071792	5.3054458	4.1216630	5.2158390
## 232	4.4887116	2.8100866	2.1139440	3.7473548	3.9974836	4.0641701
## 233	5.0290762	3.4579619	3.4095765	4.0599249	4.0646110	4.2055638
## 234	3.8280661	2.8535506	2.8741442	4.0374515	4.0442696	4.3387106
## 235	4.0917048	2.9313255	2.9061405	3.7647625	4.1630120	4.3862658
## 236	4.1402392	5.0602339	5.0735401	4.1339654	4.2406387	4.1831701
## 237	5.0390572	4.5261665	4.9742089	4.0077876	5.3143968	4.1245784
## 238	5.0545644	3.7807331	3.1199537	3.4753577	3.3708886	3.5146230
## 239	5.2180310	4.7628901	4.6064143	4.2278743	4.1233563	4.6239584
## 240	4.1429122	2.9173533	2.8007525	3.8286276	4.0440861	4.5038923
## 241	5.3877337	5.4853170	5.7201462	5.5510407	5.9323346	5.1111719
## 242	4.5719194	3.0273703	2.7573679	4.2416500	4.4906426	4.2602842
## 243	4.9945785	2.0002691	1.7750450	4.1551063	4.9724704	4.2959611
## 244	4.3795366	4.9850300	5.0405726	4.3558385	4.4086801	3.7316129
## 245	5.3764361	3.8402289	3.5524306	3.4860286	4.2574093	3.8047261
## 246	4.7762409	4.1298255	4.0490648	4.0177250	3.6624309	4.4544144
## 247	4.2995620	3.9552644	4.0256751	4.0450799	3.6189904	3.5416414
## 248	4.7580692	3.5293236	3.2139315	3.8423795	3.4594823	3.7122384
## 249	4.8880658	1.7551630	2.4153159	4.1808441	5.3173111	4.3199879
## 250	6.1905672	4.7106002	4.1931241	4.3078880	4.9271291	4.6275026
## 251	5.2336524	4.8044222	5.0258803	4.7242753	5.8119186	3.2876753
## 252	5.7901718	3.9574258	4.2184771	4.2750612	5.1955875	4.4987577
## 253	4.9529820	3.9617670	3.6372918	3.4642311	4.6719312	2.8443910
## 254	5.3693836	5.1654457	4.7684427	4.8035925	4.9407103	4.0946001
## 255	4.8518004	4.6499862	4.6978029	3.5653585	4.7561646	3.8253100
## 256	3.8764728	3.8699479	4.2039063	5.5333689	5.3338893	4.7581875
## 257	5.1076048	3.7646648	3.8176478	3.5262651	4.2356564	4.0388348
## 258	4.9151194	4.0711018	4.0914775	4.1220960	4.9094531	3.4257831
## 259	5.3541088	4.1696118	3.9568814	4.9510669	4.3373840	4.7132148
## 260	5.0099392	2.7057945	2.4734526	3.4296861	4.9044844	4.3651984
## 261	5.1896745	2.9781827	2.8456752	2.9259757	4.0454417	3.5268317
## 262	5.0857033	4.5523064	4.2491196	3.9701526	3.8531836	4.3456931
## 263	4.8692272	5.4705661	4.9215452	5.4347296	3.0161608	5.2433732
## 264	6.0345711	5.3761871	5.3713876	4.2455840	5.0082130	5.4652027
## 265	5.5467666	3.8021237	3.8146736	3.6184847	4.5442372	4.0076543
## 266	4.1225063	2.8332063	3.1695047	4.5788154	4.5959322	4.8064350
## 267	3.9262727	3.6094263	3.3068290	5.0192680	3.9311870	4.5032576
## 268	5.3577650	4.3787284	4.3250163	4.4033426	4.1818481	4.7579247
## 269	6.0225463	4.1183343	4.3070359	4.3928469	5.4817629	4.6530158
## 270	6.0897987	4.1304553	3.7256049	4.2340403	5.0266539	4.2296138
## 271	5.1262430	4.3309828	3.8537825	5.4007227	5.6871885	4.3417730
## 272	6.0961949	4.4260166	4.1370640	4.1243317	5.0546640	4.4230475
## 273	5.5272011	4.2633031	3.8254040	3.7140463	4.1699365	4.1211069
## 274	5.7146341	3.0596765	3.1375050	3.5422951	4.8374630	3.9740671
## 275	4.6987255	3.7577865	3.4905428	4.9992270	4.4192569	5.0052379
## 276	5.3628024	4.5203099	4.6568824	4.7111405	5.7100437	3.9778988
## 277	5.1577260	3.9594678	4.2240572	3.8829451	4.5968519	4.2472206
## 278	6.0580337	4.6226255	4.4128028	4.1539575	4.7776836	4.4997670
## 279	5.5854877	4.7210397	4.5861298	4.8743257	4.6940520	4.7155346
## 280	5.9209220	4.6761637	4.7495795	4.7550707	5.4219313	5.1300064

## 281	5.5937924	4.7852227	4.6761455	3.3820446	4.7411329	3.5393475
## 282	5.2912526	4.0894823	3.6101952	4.2995536	4.6142658	4.7067968
## 283	5.9576745	4.6433556	4.0175440	5.6245187	5.4580805	5.5434823
## 284	4.3965143	2.8671463	2.8203687	3.3563922	4.5010646	3.5965196
## 285	4.8906787	3.5434080	3.7719495	3.8721877	4.1143859	4.3688550
## 286	5.1148767	4.4021504	4.2910221	4.2512123	4.1492367	4.6811767
## 287	4.8416469	3.1027612	3.2442366	3.2726508	3.9754549	3.6570589
## 288	6.9529888	5.7685657	5.7598599	5.1180579	6.5165719	5.8749477
## 289	5.6556748	4.3573492	4.5481061	4.2688876	5.0425006	4.5088564
## 290	5.2377700	5.5089575	5.7945068	5.1577530	4.8210244	5.7008434
## 291	6.6069823	4.6454585	4.7837874	4.0737698	5.9060671	4.9812975
## 292	5.2716282	3.3952652	3.2333360	3.3808497	4.0384010	3.6619479
## 293	5.1030140	3.1084665	3.4370455	4.6136088	5.4975210	4.9819995
## 294	4.7936196	3.9744864	3.6789601	4.9174034	4.4729783	5.1337489
## 295	4.9322753	3.9684960	4.1067176	5.0810287	5.7341186	4.5827595
## 296	5.5667318	4.1299951	4.2034100	3.5941597	4.8920395	3.7371782
## 297	7.9860276	7.2188585	7.5668208	6.4792522	8.1540208	7.1543665
## 298	5.5352268	3.5721800	3.5959270	4.1944221	5.5671412	4.1242900
## 299	5.0710839	3.2179829	3.2618045	4.1753513	5.2513348	4.8028469
##	151	152	153	154	155	156
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156 5.2360011 4.2622337 4.8105138 3.7475713 3.9371966
157 4.2371569 4.7842537 4.4128317 4.5438091 2.4841357 3.3607987
158 5.1384566 4.8337500 2.8462013 2.7564844 4.4507304 3.8989745
159 4.5438053 4.3879250 4.7895863 4.9484651 3.7379525 3.9547950
160 4.8096510 3.9884708 3.0448122 4.2639177 3.4917688 4.3880972
161 3.8873378 3.5357699 3.3259952 4.7903633 2.2346012 3.5612019
162 5.6347570 4.9138293 3.2608917 3.5552628 4.1283989 3.4400653
163 5.4942739 4.9854321 4.2183236 3.8561164 4.2891916 4.2750405
164 5.3816708 5.6536298 6.0445182 4.7863169 4.8392422 4.1658750
165 5.3382852 4.9499637 5.3706161 3.2598307 5.5484841 4.2481284
166 2.6054143 4.0700133 5.0021533 5.1288725 3.8842958 4.8149027
167 5.0366986 3.9546554 2.5135414 3.5756466 4.8385664 5.0378337
168 4.6373018 5.1999979 5.1148210 4.5268764 5.3757645 3.5778854
169 4.0612326 3.4943749 4.5937126 3.5456412 3.6351640 3.4182882
170 3.0441448 4.0560120 3.8406180 4.7518578 2.3629454 4.8354541
171 5.5885403 4.4292683 3.8480811 2.4548710 4.4173425 2.7304334
172 6.3547197 5.8256226 4.9387069 3.1829270 5.8779729 5.6667882
173 5.1682906 3.9641707 3.8586016 5.1976165 4.2818602 4.9260644
174 5.4022508 5.0445873 4.3471531 4.3081676 3.5766066 2.4329532
175 4.6534863 3.1009949 2.8256327 3.0126449 4.1856964 3.9830775
176 5.3302800 4.2712096 3.7628814 4.1659269 4.4117254 4.5108468
177 4.8649689 4.6146270 3.1245881 3.1635008 4.5716198 4.3704446
178 4.6498121 4.5099358 4.4555539 4.9497538 3.1550515 3.8466726
179 5.5375485 3.2543906 5.2024515 4.5681400 4.6820454 3.3193384
180 5.0182193 4.1592863 2.8721881 2.5240380 4.4372140 4.0881704
181 5.4251585 3.9267707 4.1630966 2.8060153 4.7062191 3.1504637

## 182	5.2831354	5.2078261	4.5897901	3.6486533	4.8157885	3.2649381
## 183	4.7564966	4.8259025	4.3316188	3.0607281	5.2158976	3.8970300
## 184	2.2885398	4.1686856	4.0978640	5.2818333	4.1292695	4.7702495
## 185	4.8935041	5.6011146	4.1763345	4.1963407	4.4310174	3.8017445
## 186	4.8399900	4.7889499	5.4305004	4.4338984	4.5993396	3.1681220
## 187	3.5734673	4.7125906	4.3556188	4.8409345	4.2030279	5.1000118
## 188	4.6795097	5.5186571	6.2699033	4.4492429	5.2599180	4.5200636
## 189	4.0791120	3.5338656	4.3381023	4.7299413	2.2474188	3.4782670
## 190	4.0287617	3.7733104	3.5925022	4.7555982	3.2688858	4.9354980
## 191	4.5688176	3.9741144	5.0096354	3.8949035	4.7132012	3.5723435
## 192	4.1453438	4.3676730	4.7874823	5.2302166	3.2385826	4.5330232
## 193	5.4833586	4.1355092	4.3916788	3.9023146	4.1337920	3.0584476
## 194	5.7532593	4.7185945	4.6853096	3.7107026	4.6074991	2.6686448
## 195	4.1010392	5.0845409	3.9387701	4.9046539	4.4717691	4.6238490
## 196	4.3971370	4.8757972	5.5317385	5.4562448	4.5570676	3.9475671
## 197	4.1269195	3.3587915	3.9673943	3.9977005	3.4767181	4.2021735
## 198	3.8682530	4.4976410	4.3251371	4.3289160	3.1039391	3.8756260
## 199	4.8925692	4.8387793	4.8497756	4.6851118	2.9200071	3.6810002
## 200	7.1396457	7.1571564	6.0000485	5.6412316	7.1682352	7.0033494
## 201	5.2219502	4.6305655	4.4337207	4.4040305	3.8982178	3.6293854
## 202	4.9906235	2.2881964	3.9201894	4.2748951	4.7636588	4.9278281
## 203	3.7835572	2.3357379	3.2758045	4.9646659	3.7546961	4.8582886
## 204	4.3961193	5.0143015	3.3106222	4.4053937	4.6468426	4.6653715
## 205	5.1668940	4.7898336	4.0439777	4.2725452	3.9701090	3.9315157
## 206	5.0231347	4.2656916	5.0794124	4.3109256	3.6433118	3.5939578
## 207	5.0854908	4.9246441	4.6658114	4.8058125	3.3265447	3.8187397
## 208	4.2918819	4.1626671	4.3543584	4.6631441	4.0895430	3.9944584
## 209	5.2735350	4.7185572	5.6293612	3.9693316	3.8930524	3.5393334
## 210	4.3197852	4.0020840	4.1113526	4.1905159	3.6205055	4.7089700
## 211	5.3627404	4.6655346	4.2370683	3.8565222	4.7850025	4.4939771
## 212	4.9910166	3.4665346	2.2815563	4.2743249	4.7287515	5.4374741
## 213	5.2181554	4.7641299	4.6143561	4.4689817	5.2845290	5.4078736
## 214	4.1118745	5.1388788	5.0894833	5.3773861	3.7781212	4.5627653
## 215	4.2642533	3.8982128	3.6169889	4.8384867	2.4181358	3.7215067
## 216	3.5161189	3.5152517	3.2292584	4.5049171	3.2302016	4.1849574
## 217	3.5620294	3.7008379	4.4607975	5.0106748	3.2370300	5.2438977
## 218	7.2364118	9.0493650	9.2277820	9.8231712	8.8746235	9.1421236
## 219	5.1089368	4.0813096	4.7797980	3.6238635	3.8493802	2.3703693
## 220	4.3492511	3.5133615	4.5544879	4.2535905	3.5609249	4.3619576
## 221	3.8788581	5.3726838	4.9477474	4.7091751	4.6688176	4.1968176
## 222	5.1743745	4.1376436	3.6771833	3.9179223	4.9520158	4.4796390
## 223	5.8907814	5.2094128	3.9362734	3.7828385	4.5307243	4.0285008
## 224	5.0848003	4.7910406	3.6817410	3.8361411	4.2810354	3.6889287
## 225	5.7672859	4.6872301	5.4199041	3.8469055	5.1999960	4.0163628
## 226	4.7566751	4.6921994	5.4872826	5.2869422	5.0665788	5.6876719
## 227	5.4408939	5.4985317	3.6555439	3.9785379	4.1156820	3.6562042
## 228	5.3307852	4.8546558	4.5261814	4.6423488	3.8097598	4.2799752
## 229	4.5509609	6.5477136	5.9923147	6.0216651	5.3686564	5.4318066
## 230	3.8726266	5.0139261	4.6746925	4.6666046	3.3592036	4.1904859
## 231	3.9270984	6.0574067	5.1180284	5.6930836	4.7641638	5.3895270

## 232	4.7154632	4.5849508	3.0492440	3.5514623	4.4112182	4.2014480
## 233	5.4270188	4.6957943	4.0980740	4.2420732	3.8246894	3.2269111
## 234	5.3704735	4.9232271	3.6772022	3.3940616	4.1467637	3.7758730
## 235	5.3527973	4.6524634	3.4838681	3.4880032	4.1327536	3.9247185
## 236	4.4655792	3.8551197	4.5817690	5.5269599	3.3999780	4.6694227
## 237	4.6041459	3.4084951	4.5907602	5.4612017	4.4286158	4.8829231
## 238	4.3470225	4.4671814	3.8860840	4.2372153	3.9869279	3.7358241
## 239	4.6459926	4.2616387	5.0808108	4.1934883	3.1998994	3.0741602
## 240	5.2391548	4.5680748	3.3538063	3.6610817	4.0511477	3.7810819
## 241	4.7379760	4.4351503	5.6761575	5.3583611	4.4485285	5.2797573
## 242	5.2010300	4.2275046	3.7633208	2.2333663	4.8355559	3.4371187
## 243	5.4177756	4.7896070	2.8341140	3.0950137	4.8369027	4.3870520
## 244	3.9550294	4.4110566	4.7215637	5.3310401	2.0373800	4.3322502
## 245	4.7305143	3.4954743	4.0818681	2.9554721	4.5338511	3.0759191
## 246	5.0863904	3.7446476	4.6379278	3.7967981	3.8917667	2.0073754
## 247	4.6476300	5.3377817	4.9547297	3.9982851	4.9211882	4.4509174
## 248	4.2762471	4.6631755	4.1561750	4.1200087	4.1826344	3.4310846
## 249	5.7190826	4.8655939	3.5110563	3.0578057	5.0693376	4.4456653
## 250	4.5032066	4.2499830	4.5014450	4.0283140	4.1506465	4.1611284
## 251	4.9332392	5.1863407	4.9729096	4.7206513	3.9888701	5.5535824
## 252	4.8549791	4.0388193	4.9489491	3.8039845	4.1613503	3.5088139
## 253	4.0613021	3.2119550	2.6569737	4.3443409	3.5926084	4.6085216
## 254	3.6242069	3.6734367	4.3265432	4.7247122	3.2970790	4.4110254
## 255	4.6780019	3.2494291	3.7329922	5.0477069	3.4567573	4.4858191
## 256	5.7836528	4.3290314	4.1283657	3.8666807	4.3449757	3.7176655
## 257	3.6421921	4.3678080	4.4924354	4.4046806	3.4270383	4.0845465
## 258	4.4656884	2.3910718	3.6530425	3.8568977	3.9408543	3.5446069
## 259	5.8663694	4.7106984	4.7471188	3.9208783	4.3038785	2.4140661
## 260	5.1453065	4.2160262	2.9044497	3.4469440	4.7700644	4.8161487
## 261	4.5336892	3.7609243	3.5168623	3.8741789	4.0302700	3.5725560
## 262	4.4574604	4.9454939	4.7115014	4.8003860	2.7490366	4.0859908
## 263	5.0620195	5.4567908	5.4732534	4.9196271	4.8300103	3.6394348
## 264	4.9764494	3.9584832	5.4449760	5.0907770	4.0296572	4.0409327
## 265	5.0457960	3.4386171	4.4242911	3.4260230	4.6546407	2.8628409
## 266	5.8353201	5.1653420	4.1010721	3.8325113	4.4519573	4.0041627
## 267	4.8996835	5.9598827	4.3372108	3.7715209	5.3640517	4.8427865
## 268	5.4204904	4.0955848	4.8026132	4.1410892	4.3293170	2.0666245
## 269	5.0579096	4.2012723	4.9107465	3.7642707	4.3980565	3.9667061
## 270	5.5536201	4.2231535	4.2067304	3.3260934	4.9819170	3.7569094
## 271	5.4570592	4.5767002	3.2806433	3.4321254	5.0546753	4.8299985
## 272	4.6576934	4.0987637	4.5401480	3.7610912	4.1170590	3.9777711
## 273	3.7556805	4.6101695	4.3170054	4.6566538	3.4340807	4.4133104
## 274	5.2180935	4.1568977	3.7611677	4.0698440	4.5224863	3.9517701
## 275	5.8775593	4.8349063	4.2589165	3.4116438	4.6061527	2.9099238
## 276	4.4238879	4.5320526	4.3330326	4.9755946	3.6496641	5.3928736
## 277	4.2289957	4.6974945	5.0269319	4.6712686	3.7564207	4.3701849
## 278	5.3380439	4.0578613	4.8679906	4.2709150	5.0359674	3.4729473
## 279	5.3639989	4.9637895	5.2173401	4.1116997	3.6646776	3.2428790
## 280	4.9580349	4.5174140	5.3359202	4.3483424	4.5954664	4.5116508
## 281	5.4098342	4.2716987	5.1664884	3.3385206	5.0940262	4.0808750

## 282	4.9882124	5.1956680	3.9479099	4.3095975	5.2460901	4.6770986
## 283	5.7492165	6.2764881	4.3744567	4.6656223	5.9935667	5.4404183
## 284	5.1225608	4.7483054	3.6540977	2.9468294	4.7509249	4.4966805
## 285	5.3660113	4.4370434	4.4219626	4.4891332	3.8591263	3.2881764
## 286	5.4200028	4.0481267	4.7861878	3.9471820	4.2227872	2.8667241
## 287	4.4902676	4.0899940	4.0829202	3.9573088	4.1930540	3.5263161
## 288	5.8775785	5.1089727	5.9262110	5.1003955	5.6447643	5.9889520
## 289	4.7219740	4.2201462	5.2446987	3.9886116	4.2368563	3.7292183
## 290	5.2938508	5.7205455	6.4674558	6.1870619	4.2112077	4.9554623
## 291	5.1941056	3.8538301	4.9454730	4.2291075	4.7662887	4.5404450
## 292	4.6362607	4.2276052	3.9312740	4.1332256	4.2468758	3.5451182
## 293	5.8487833	4.2997404	4.2503333	2.8595054	5.3889477	4.1964263
## 294	5.8409080	4.7195601	4.2995141	3.6246440	4.6448738	3.2473862
## 295	5.3365708	3.6880812	3.6862237	3.9633368	4.9313824	4.3551840
## 296	4.5368243	4.9134450	4.7918799	4.1629816	4.0094199	4.6122544
## 297	7.6021408	6.7422734	7.8006081	6.4781935	7.3624370	7.6698826
## 298	6.0266419	5.5135435	4.1414343	3.3287152	5.5868439	5.0223968
## 299	5.4403022	4.8667686	3.7852831	3.7821456	5.2442313	5.0862416
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162 3.3475399 2.5056588 4.4765966 3.2019382 3.7632728
163 3.6898501 3.2649433 3.7651721 2.4290716 3.7774992 3.2786288
164 4.5336077 5.7030878 5.6194597 6.1281952 5.5794887 4.9448789
165 4.9565217 4.4414796 5.6343372 5.5177045 5.3936863 5.0922618
166 4.9083195 5.5240480 4.7918828 5.4298565 4.4024736 6.0266574
167 4.3348813 3.0945171 4.1913463 3.7996495 4.1760743 3.3301438
168 4.9714626 4.4671998 5.3573511 6.1606696 4.9778498 5.0139148
169 3.2016769 4.0786340 4.1572906 4.8100446 4.2652551 4.6304126
170 3.5146526 4.2452054 4.1117938 4.1804675 3.1715209 5.1056318
171 3.6707271 3.0553746 4.3568772 3.4028913 3.9396493 2.5334870
172 5.5514342 4.2024100 5.4694489 4.9935616 5.7669555 4.7713531
173 5.0506720 5.0071935 4.3070130 2.8342429 3.7861153 3.9106110
174 2.7807783 3.1625869 4.1949545 4.1590780 3.2973155 2.5461284
175 4.8056524 3.3149022 4.7973646 3.1883516 3.7072005 4.1086862
176 3.8348265 3.8009286 3.5364228 2.4937288 3.7367849 3.0039721
177 4.5401036 2.8911293 3.6671636 4.3518023 4.1428568 3.3980137
178 2.2271993 4.4969993 4.1760880 4.4623666 3.8429757 3.3249273
179 4.2569641 5.1972079 3.9159032 4.2043505 4.2172497 4.2937150
180 3.9107265 1.7898934 4.2680356 3.2080312 4.1013234 2.6080077
181 3.7883875 3.1503178 5.1463988 4.7305185 4.3589313 3.9430825
182 4.3951036 3.6925946 4.8479829 4.3116977 4.4730161 3.4118114

## 183	4.8940287	3.2421594	5.0363394	4.6826730	4.8830275	4.2433148
## 184	4.8073885	4.6816974	4.1328053	4.5555281	3.3360219	5.3415947
## 185	3.9179504	3.1298974	4.5030589	3.8158387	4.0618978	2.7287407
## 186	3.9379048	4.5454160	4.4200225	4.5105219	4.1137086	4.6176265
## 187	3.6635021	4.4881712	4.8346921	5.4259063	4.6668340	4.6239476
## 188	4.7423439	5.2129992	5.9119306	5.9061669	5.8975606	5.8654680
## 189	3.2236026	4.9738385	4.3815345	4.1054572	3.0868745	4.5098277
## 190	3.4271757	4.2680238	5.5141090	4.1135361	3.9922674	4.4588575
## 191	4.4800800	4.3000644	3.5360870	4.8841178	4.1007829	5.3079748
## 192	2.4762606	4.9171301	3.1774785	4.1036108	3.5642144	4.4290143
## 193	3.3942640	4.0977527	3.9796322	4.4357057	3.4432611	3.8014353
## 194	4.5047808	3.9549891	4.1831308	4.0969915	4.3241629	3.3200393
## 195	4.7642299	4.1121373	5.7282753	5.1699673	4.1315389	4.6522494
## 196	4.4076684	5.1730517	3.5357189	4.5608880	4.1561838	4.5602693
## 197	3.7487966	4.4385481	5.5316023	4.5790467	4.1407536	4.8596803
## 198	2.5975756	3.4189565	4.0649114	4.6034556	3.9044654	4.1862208
## 199	3.3875706	4.7680711	5.3880288	4.5837334	3.7807619	4.7531667
## 200	6.8580273	5.9152108	6.5208249	7.1690289	6.5308979	6.9413116
## 201	3.8247253	4.4410271	2.9364928	4.6579965	3.4714477	3.5220809
## 202	4.8683683	4.9066213	5.2952906	4.1175272	4.1280761	5.2068135
## 203	4.5898836	4.6547460	3.6248662	3.7411136	2.9479575	4.7826169
## 204	4.8844018	3.4592224	5.3070287	3.9813038	4.0573137	4.3468184
## 205	3.8932120	3.4859023	2.8458402	2.9903179	3.3928131	3.1507041
## 206	2.5498030	4.6647345	4.5379010	4.3801688	4.1609797	4.3419694
## 207	1.9585024	4.1890573	4.8556684	4.3586167	4.1162077	3.2424740
## 208	4.2506448	3.9745072	2.6339485	4.7545062	3.5183157	4.6070408
## 209	3.4869721	5.0868422	4.3776082	4.9104089	4.6621311	4.6833960
## 210	4.0526332	4.6181388	5.4378981	5.0172455	4.1689758	5.3059764
## 211	5.3232532	3.7696354	5.5229345	3.9890654	4.4597757	5.0347597
## 212	5.1665931	4.1674528	5.1515804	3.5667209	4.2373558	3.8729935
## 213	4.9839176	4.0290849	4.1803909	3.6918062	4.7363540	4.9450050
## 214	4.0280343	5.4201480	5.6893155	5.1755946	4.2288134	5.3256432
## 215	3.3790004	4.0695733	3.2985084	2.8870894	1.2102776	3.9177591
## 216	4.2356761	3.8863162	3.4916665	3.9781552	2.4375175	4.6132526
## 217	4.1092644	4.9787756	4.4355116	4.0551478	3.9448453	5.4144108
## 218	8.6316745	9.9327384	8.9861148	9.0752862	8.6967770	9.5565745
## 219	3.5415752	4.1922117	2.9816842	4.2758776	3.2696000	4.0695815
## 220	4.0095745	4.6429557	5.4833878	4.3953581	4.3156583	5.2421951
## 221	4.4081684	3.8778917	4.1861247	5.2374061	4.2297249	4.9665085
## 222	4.6734352	3.4331395	4.4263303	3.8348194	4.6079885	3.3922934
## 223	3.4783612	2.8156179	4.9110800	2.8628772	4.1392601	2.2418582
## 224	3.6755267	2.8118178	4.6145486	5.0158014	3.9236014	3.4847167
## 225	4.5535794	4.0945501	5.2469503	4.8504489	4.9066714	5.2442121
## 226	4.9187694	5.8277584	4.4100170	6.1252285	5.1133974	6.3784773
## 227	3.5713849	2.6864979	4.0691120	3.7545691	3.5616124	2.4205832
## 228	4.5711881	4.9350270	4.4908780	4.3941998	3.6132913	4.3119898
## 229	4.6210340	5.3570237	5.5984891	6.4601150	5.4744816	6.2323284
## 230	3.0214588	3.7260056	4.0011268	4.9771146	4.0034441	4.7528319
## 231	4.4284991	4.9464583	5.2814097	6.4760642	5.0721280	5.4812047
## 232	4.2143231	2.3848292	3.7544695	3.9778639	3.8609409	3.3345332

## 233	2.6547635	3.3841103	4.3018284	3.8648421	3.3441750	2.6334491
## 234	3.3354117	2.7484969	3.9474130	2.6486676	3.6321291	2.2894726
## 235	3.3898872	2.9442266	3.7947014	2.5840312	3.5731774	2.1800005
## 236	4.2385075	5.1174732	3.2171482	2.9554020	2.4777954	4.9992509
## 237	5.2003417	5.1560603	4.6060755	4.1746280	4.0886736	5.2037742
## 238	3.7778713	3.2572928	3.3058963	4.8018206	3.3629618	4.1500977
## 239	2.7333200	4.6780913	3.7020678	4.6000159	3.8573745	4.3535101
## 240	3.3511824	2.9252814	3.6853915	2.6576839	3.4419982	1.9857343
## 241	4.8530599	5.5333111	5.7251190	4.8110833	4.9341815	6.4016920
## 242	4.5018825	2.7366563	4.4866098	4.2215928	4.4382291	3.7471125
## 243	3.9456234	1.6933565	5.1891642	3.8390188	4.4241555	2.6169306
## 244	3.5088071	5.1547011	3.8282094	3.9307014	3.1769079	4.6971740
## 245	3.8374989	3.5135723	4.2214668	4.6905691	3.9558149	4.2492145
## 246	3.2554301	4.0623581	3.4691678	3.9733217	3.2784278	3.7028779
## 247	4.4455252	3.8212173	4.8690315	5.1053506	4.7220810	4.6936612
## 248	3.5678601	3.0571139	3.8597216	4.6136173	3.5932666	4.1342861
## 249	4.2300016	2.2459149	5.4683763	3.7761429	4.8387487	2.8496404
## 250	3.4679719	4.2693266	4.8261915	5.4355084	4.5185307	4.8723343
## 251	4.4118964	4.8220919	5.7783223	4.8194748	4.8226003	5.5557365
## 252	3.6161260	4.2657329	5.1463550	5.1654977	4.8986198	4.5440642
## 253	3.9625280	3.7118306	4.4164184	3.6546775	2.7830296	4.2793270
## 254	4.1662738	4.8388135	4.7438477	4.9324918	3.8081102	5.5167277
## 255	3.9378907	4.8806168	3.9336073	3.0055110	2.6523167	4.0380587
## 256	4.6349189	4.0822946	5.4807634	2.8469635	4.0608609	3.6977877
## 257	2.7630817	3.7995399	4.0098791	4.5250199	4.0426273	4.4531758
## 258	4.4624147	4.1468128	4.7677655	4.0388621	3.4569826	4.5855000
## 259	3.4828080	3.8896999	4.7834825	4.6804002	3.9211989	3.5419030
## 260	4.1566620	2.6396675	4.4272741	3.4871987	4.2032154	3.2930968
## 261	3.4243944	3.0133484	3.8716813	4.2533608	3.5203622	3.4327530
## 262	2.0754303	4.3034749	3.4069099	4.3115862	3.4300884	4.0795734
## 263	4.5120296	4.9177311	4.4725372	5.5616904	4.2865344	4.9486894
## 264	3.7576722	5.6169586	4.0090773	4.9366607	4.4696493	4.8670535
## 265	4.3385254	3.9779451	4.3522925	4.9982985	4.3254235	4.1817863
## 266	3.6382568	3.0077248	4.6119284	2.8514003	4.0960574	2.5125757
## 267	4.8438082	3.0271663	5.3683993	4.8980004	5.0448640	4.2027020
## 268	3.7789627	4.4473202	4.1598518	4.6731017	3.8789809	3.6171400
## 269	3.5404913	4.2537274	5.4739361	5.1390484	5.0150442	4.6553429
## 270	4.2051449	3.7078467	5.1972443	5.2607893	4.5345949	4.2932408
## 271	5.1827551	3.7092965	5.9547053	4.4155217	4.5467906	4.5870345
## 272	3.4577774	4.2090999	4.9207651	5.3141517	4.6277657	4.6681580
## 273	3.0394636	3.9397126	3.8634549	4.9862843	3.9431156	4.6074341
## 274	3.7423933	3.2748170	4.8543436	4.5953290	4.1757696	3.3939051
## 275	4.2657552	3.6057607	4.4998966	4.1913525	4.2408317	2.9560162
## 276	3.7840375	4.4921768	5.6715300	4.2638953	4.2907193	5.1819265
## 277	3.3873804	4.1862983	4.2995615	4.7275219	4.4748005	4.8193034
## 278	5.0353291	4.7067152	4.4697127	5.7480160	4.7246251	4.7410452
## 279	2.9420724	4.5584679	4.8106582	5.0469092	4.4079092	4.2090635
## 280	3.7547481	4.5726786	5.3220646	5.0859356	5.0166686	5.4027972
## 281	5.0400683	4.7145535	4.1272043	5.4327069	4.8052134	5.2596189
## 282	5.0491143	3.8354569	4.4036699	5.0415170	4.7204602	4.1298156

## 283	5.0765342	3.7837471	5.9843859	5.4898655	5.3664349	4.6767729
## 284	4.4949558	2.8308519	4.1035360	3.9311732	4.4113589	3.6421650
## 285	3.0012077	3.7999295	3.9831502	3.6708948	3.4286536	3.0089763
## 286	3.4618420	4.2412710	3.9551077	4.1231769	3.6157676	4.0041318
## 287	3.5555140	3.1793405	3.9381047	4.1972723	3.7273462	3.8684286
## 288	4.7777710	5.6253235	6.0913253	5.7018197	5.8638191	6.3031520
## 289	3.8879154	4.5512552	4.8375304	5.2508864	4.9170469	4.9956346
## 290	4.2753778	5.7975973	4.0927188	4.9937208	4.8433513	5.7065443
## 291	4.0919119	4.9387472	5.4728087	5.4073319	5.2652580	4.8711802
## 292	3.8410708	3.3927689	3.9941579	4.7382644	3.8229086	3.7271443
## 293	4.7406714	3.2899650	5.4143545	4.0561311	5.0582330	4.0374950
## 294	4.3443080	3.8151858	4.3308203	4.1212397	4.2042833	3.2476212
## 295	5.4902703	4.2651064	5.5848657	4.1910270	4.6389541	4.3903088
## 296	3.4319643	4.1520059	4.6757292	5.0510387	4.6948598	4.6542570
## 297	6.6720081	7.3429275	7.6144780	6.9105299	7.6339310	7.9621125
## 298	5.1326797	3.6234979	5.5108812	5.0197345	5.3987607	3.7906187
## 299	4.4479491	3.0925707	5.0441881	3.7800773	4.7202221	3.9483241
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169 4.5337843 4.3015227 4.0830289 3.4357079 4.3255399 4.3793140
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172 4.3833104 5.6142288 4.1125904 6.4570218 4.6572669 6.5854474
173 4.3476899 5.9900432 6.5196658 5.6099938 4.2722672 6.5541573
174 4.0211184 4.6664900 4.6587702 5.6318149 4.7023242 4.2992346
175 3.9875523 5.8462670 4.7389019 4.0930862 3.9016546 4.7578157
176 2.1466113 6.0151981 5.5928906 5.9677818 2.6913309 6.2338736
177 4.2036991 5.2906262 5.0502160 4.9229618 2.8202992 4.5588100
178 4.7256029 4.0446449 5.5169162 5.2201185 4.1583569 5.3239658
179 4.3175315 4.9268224 5.0447296 5.3960620 4.6187662 5.6405873
180 2.8573369 5.3932022 4.2397636 5.3757405 2.4952934 5.0968370
181 4.4214490 4.9917265 3.0831815 5.1694253 4.1982999 4.0036455
182 4.0164619 4.4001900 4.1872033 4.7306643 4.7245803 3.6447698
183 4.2660969 5.0144020 3.6196119 4.1212818 4.4100567 3.2720184

## 184	5.2180291	5.9085282	5.0676381	3.2875938	4.8595766	3.8992588
## 185	3.5342761	4.8120899	4.6460135	5.2045275	4.3395026	4.1540384
## 186	3.9204823	4.8443597	3.5811746	4.5622995	5.3317330	4.0759967
## 187	5.4343788	4.1695260	4.5196803	4.1062131	3.9017947	4.4414710
## 188	5.4920942	4.0474227	3.0142011	4.2332248	6.3451533	4.7604609
## 189	4.9487493	4.3428258	5.2948199	3.4867025	5.0574129	4.9320201
## 190	5.0443089	5.2854502	5.0120527	4.8065425	4.3885920	5.7499341
## 191	4.2657309	5.9625280	4.4344984	4.1237412	4.7283048	4.2556837
## 192	3.8845701	5.3813644	5.7855445	4.9701342	3.9724992	5.9781490
## 193	4.0971716	5.0731224	4.5256299	5.1641822	4.0701118	4.4303972
## 194	4.0268958	4.8421150	5.2920743	5.1114218	4.7451973	4.6039428
## 195	5.8965357	5.0677438	4.3439039	4.5206846	5.2715989	3.3841240
## 196	4.5400804	4.7148256	5.0380056	4.8314380	5.2740847	4.9374019
## 197	5.2985029	4.7068862	4.3250273	3.8109805	4.8113086	4.8454460
## 198	4.2881670	4.9453518	4.7571410	4.1436487	4.2769026	4.6262409
## 199	5.0580332	4.6965670	4.9089568	4.3355187	5.8372653	5.0068404
## 200	6.5867929	8.2392971	6.9829563	6.8651540	5.6850690	6.2830927
## 201	4.6518206	4.1487718	5.0127688	5.2400921	4.1351588	4.8965134
## 202	4.8557300	6.1945835	4.6274559	5.0523815	4.1328769	5.8428323
## 203	4.7545799	6.1402155	5.6314887	4.3484867	3.5734594	5.5705200
## 204	4.8236989	6.6117958	5.7770621	5.2297120	4.6634082	4.6576408
## 205	2.3768598	5.9171668	5.7423268	5.3370484	3.6031227	5.5499795
## 206	4.0140617	4.6217897	4.6262185	4.8795679	4.6794776	5.4271734
## 207	4.4265329	4.2323091	5.0877338	5.6275926	4.5646211	5.5151010
## 208	4.4874659	5.8622471	5.3911287	4.3215380	4.0437873	4.4660851
## 209	4.5309891	3.2652179	4.0479910	4.6485524	5.4016792	5.5338456
## 210	5.4588103	5.1868959	4.6005991	3.7590127	4.8796388	4.9261228
## 211	4.2341954	6.6845084	5.0784114	4.7394839	5.2660275	5.2537497
## 212	4.8806400	5.9997754	5.7643307	5.5223171	2.8750969	6.0386201
## 213	2.7735392	7.2501851	5.6632503	5.7628432	3.8149577	6.4960913
## 214	5.7138507	4.6174414	4.9465527	3.8090629	5.8750607	4.4190866
## 215	3.6446520	5.7480550	5.2949673	4.6006358	4.4343986	5.1963036
## 216	4.6520938	5.8667847	5.1260009	3.7760959	4.1748807	4.4603739
## 217	4.6265861	5.6690349	5.2318079	4.0247701	4.8068189	6.3227009
## 218	9.8146845	9.2303662	9.7971319	8.7682624	9.4372385	8.8056960
## 219	3.7299455	4.6092091	4.1429315	4.4738870	4.5430079	4.2689105
## 220	4.9131943	5.1657987	4.3579902	3.8482396	5.2559620	5.4755650
## 221	4.7474399	5.4593317	4.1376919	4.1422561	5.0669559	3.2612408
## 222	4.0108850	5.7428108	5.4217663	5.5726899	3.1745054	5.4796461
## 223	2.3515263	5.8017626	4.9399366	6.4539110	3.7861590	5.7997674
## 224	4.9095883	5.0685694	4.3737309	5.2805496	3.9221880	3.6931514
## 225	4.0024582	6.2082936	3.6960228	5.4446676	5.3279032	5.3101754
## 226	5.7650293	6.3502092	6.0544938	4.3847190	4.6369156	5.6970381
## 227	3.4114949	5.6540959	5.5163131	5.7118996	3.7856708	4.5955935
## 228	5.1227320	4.4216727	4.8022742	5.3396673	5.3649769	5.6368835
## 229	6.2439859	6.8908559	6.5162545	5.6269251	6.1143279	4.9386627
## 230	4.4963527	5.5003866	5.1322940	4.0974200	4.6603126	4.5820194
## 231	6.4050333	5.2247988	5.6603933	4.2822552	5.1545310	3.6116863
## 232	3.7110360	5.9619847	5.3234087	4.9355499	2.7846171	4.4214976
## 233	3.7187730	4.9728105	4.5527261	5.9248172	4.0271137	4.8934134

## 234	1.9154425	5.4784750	4.7711921	5.8695393	3.3577219	5.4479983
## 235	2.0707872	5.4450212	4.9389494	5.8487855	2.9134262	5.5702008
## 236	3.5683003	6.5843016	5.8983403	4.9735945	4.8295074	6.3699452
## 237	5.1604488	6.2349046	5.8298877	4.9787089	5.0802466	6.0949314
## 238	4.5117681	5.6745302	4.9597340	4.5240422	3.8100535	3.7230420
## 239	4.2687700	3.9497269	4.6776774	4.0337395	4.7874366	4.8166640
## 240	2.3927674	5.4497360	5.1866442	5.7478002	2.8135037	5.3491533
## 241	4.9695829	6.7079406	5.3998334	4.4665769	6.1133572	6.4491466
## 242	3.8154402	5.3853456	4.2479022	4.6354116	3.6871189	4.0081655
## 243	3.6790189	5.8510532	4.6615767	5.9566581	2.7236814	4.8730024
## 244	4.6919447	4.6763696	5.6733008	4.0630577	5.3353498	5.9188294
## 245	4.4086193	5.0479506	3.5639518	4.4842856	3.8353741	3.5532699
## 246	3.6677297	4.7450800	4.3094035	4.7596959	4.4013104	4.2522892
## 247	4.5600308	4.6526746	2.5428971	4.8302953	4.9860320	4.2534889
## 248	4.2897009	5.7676435	4.6284622	4.8441187	4.2679399	3.6545740
## 249	3.5929544	5.6679122	4.3464446	6.1968340	3.4415060	5.4279373
## 250	5.2182345	4.9737518	4.6984554	4.1275138	4.2021612	4.2104937
## 251	5.0221096	5.5258371	4.4326794	5.1004331	5.6607944	6.5165911
## 252	5.0914667	4.0036577	4.0973952	4.2838376	4.8919251	4.6111069
## 253	4.4614091	6.0377005	4.8389546	4.7164798	3.4780721	5.0405868
## 254	5.4530576	5.5172080	5.3441624	2.7783670	5.0334152	4.6126730
## 255	4.2086230	5.5879056	5.4748999	5.3354699	4.0366453	6.0846988
## 256	3.7802280	5.5985786	5.0037950	5.4662243	5.0681123	5.6702829
## 257	4.2403364	5.1195749	4.7917871	4.2722206	4.2451433	4.8856049
## 258	4.8597171	5.3506803	4.3190584	3.9702112	4.5007136	4.4029355
## 259	4.4492402	4.7150763	4.2983446	5.4637900	4.8693410	4.1131594
## 260	3.1631824	6.2385724	5.0363851	5.6707100	1.8198119	5.4885690
## 261	4.2088848	5.2315713	4.4425408	4.9717865	3.2403019	4.2112271
## 262	3.8305309	4.8456607	5.2268916	4.7548636	4.3247415	5.4298158
## 263	5.2080681	4.8706965	4.5993586	4.4255550	5.4859341	3.1821941
## 264	4.9917813	4.5241293	5.6900282	4.6027312	4.8036278	5.6931902
## 265	5.0322333	4.4622754	4.0397894	4.4589882	4.3097461	3.6613682
## 266	2.2285596	5.7438575	4.9757148	6.2596876	3.8893687	5.8510819
## 267	4.4151583	5.5006422	4.0145563	5.2181704	4.5203949	4.0277387
## 268	4.8082909	4.2270410	4.7336228	5.0838797	4.7440439	3.9637276
## 269	4.9543529	4.4766322	3.9330864	4.7434405	4.7302002	4.9475383
## 270	5.0707511	5.1664696	3.8255526	5.2470041	4.0777805	3.9290338
## 271	4.9767818	6.2867508	4.9306392	5.2185337	4.3648043	4.8379826
## 272	5.1384171	4.4618416	4.2943140	4.1719367	4.2641335	4.3583978
## 273	4.7273341	5.3161227	5.2697820	4.1279045	4.0086210	4.6297944
## 274	4.6925672	5.2117502	4.4816794	5.6574591	3.6005833	4.6481919
## 275	4.0926968	4.8185175	5.0849309	5.3099140	4.2894114	4.3518341
## 276	4.7172939	6.0695206	4.9881512	5.0528678	4.9526563	6.2621419
## 277	4.3426161	5.2643697	4.8860836	4.5271675	4.8158403	5.4413164
## 278	5.9003622	4.6962406	5.0418397	4.5314953	4.8005056	3.7023800
## 279	4.7605333	3.6541391	4.3832694	4.7640730	5.1895464	4.7980300
## 280	4.5347089	5.7811669	4.4965599	4.8135368	4.9999509	5.4707944
## 281	4.9861609	4.7705277	3.6334385	4.5585476	4.8241309	4.8018228
## 282	5.1616027	5.9525835	5.9753086	5.3959436	3.8047424	4.4449388
## 283	5.3432468	7.0928697	6.0206613	6.6327248	4.4496401	4.9062492

## 284	3.4277428	5.5584626	4.4869113	5.2806638	3.2713348	5.2065236
## 285	3.5436004	5.0701912	4.7661136	5.8041170	4.1797311	5.2754986
## 286	3.6850778	5.1526951	4.3359974	5.1756239	4.4380325	4.7544447
## 287	3.9643102	5.4880869	4.3199137	5.0213860	3.9284765	4.4031926
## 288	5.0908445	6.7470658	5.1581244	5.9602028	5.2065218	6.8543028
## 289	5.0236174	4.3572801	4.2620702	4.0419050	5.1004528	4.7683409
## 290	4.4716760	6.1368947	6.3959764	5.3908359	6.1567825	6.8310553
## 291	5.4913501	4.4693315	4.6124586	4.9547391	4.4349322	5.4030219
## 292	4.7736434	5.1050128	4.7212840	4.9441102	3.8791314	3.9364471
## 293	3.6275383	5.9595857	4.2893407	5.6267579	3.9314314	5.3092810
## 294	3.9651018	5.1402099	5.2724204	5.2929971	4.1332379	4.6371933
## 295	5.2255178	5.7206231	5.4324363	4.8034087	4.6169208	5.0413739
## 296	4.7282273	4.6114109	4.2898095	4.8358584	4.5487602	5.3496441
## 297	6.1365407	8.0330111	6.0621875	7.6659406	7.0997956	8.9328353
## 298	4.9646130	5.1714006	4.6426026	6.2293577	4.0386604	5.4384069
## 299	3.2792832	6.6675271	5.0504404	6.1228415	3.1425686	5.8201612
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175 3.7060692 3.8134195 3.2248348 5.0585651 4.1564944 4.6270505
176 4.5678995 4.9560909 3.2232691 4.8494804 3.2129318 4.3682193
177 4.1492994 4.2770819 3.7788186 3.9097945 4.3159103 4.1767935
178 3.6286315 4.4121751 4.2210270 5.8156163 4.3195313 3.3522690
179 3.7562245 5.4729990 3.8109494 5.8187611 3.7771751 4.3987778
180 3.7581752 4.2055471 3.1567802 3.2764458 3.9867761 3.6229813
181 3.1394695 4.4713982 3.1910046 4.9189646 5.9897594 3.3987109
182 4.4822404 5.4151804 2.5177074 5.6485679 5.1988640 3.8216757
183 3.9293766 4.8865176 3.2968752 5.1290832 5.5758680 4.5146632
184 4.6503766 3.6398193 5.2355516 6.2064004 5.0174263 4.8882744

## 185	4.9339402	5.1030693	3.2213081	5.2745141	4.7218870	3.2125898
## 186	4.0221469	4.9610327	3.4624348	6.0067818	5.8152897	3.9233365
## 187	3.6803989	4.0091036	5.0643979	5.6180312	5.6826053	4.6082275
## 188	3.5046116	4.8939376	5.0523694	5.1644945	6.5953051	5.2511028
## 189	3.1048922	3.3469532	3.8881772	6.3262203	4.5674981	4.1392431
## 190	3.6874578	3.1946410	4.9479914	5.4426979	4.8434083	4.3545526
## 191	2.9927049	3.9498813	4.0056710	5.4719274	5.7357450	4.6970052
## 192	3.5151882	3.8201002	4.4040497	5.9033226	4.5664592	4.4834149
## 193	3.7199745	4.6138728	2.7533686	5.8496314	5.5956782	3.4334717
## 194	4.0852303	5.3671471	2.6448076	5.4886173	3.9561102	3.7433828
## 195	5.1314823	4.4039195	5.0769518	5.9125174	5.9203448	3.9299239
## 196	4.6842350	5.2787497	4.8352134	5.8732173	4.0517522	4.1689939
## 197	2.7662730	3.1701519	4.2561565	5.5803923	5.4315515	4.5607543
## 198	2.3226771	2.6434114	4.4493864	5.2077204	5.2509496	3.4019853
## 199	3.7503084	3.6193439	3.9595023	6.2348192	5.9221310	3.9383294
## 200	6.5403656	6.3413953	5.7086749	7.1868947	8.5420633	7.2676746
## 201	4.3331256	4.6401788	4.0753693	4.7126555	4.2913825	3.2315042
## 202	4.0329476	4.3550067	4.4349218	5.6424782	5.0821133	5.3510379
## 203	4.0925974	3.4267598	5.0385503	5.6227860	3.4151211	4.8077889
## 204	5.1239227	4.4133526	4.2915014	5.6034795	4.8462427	4.6374876
## 205	4.3695237	4.4555212	3.2671453	5.1022306	3.5322254	3.7782702
## 206	2.7334372	4.2048790	3.3754884	5.8220161	5.4695556	4.1040746
## 207	3.7271318	4.4476240	4.0623915	5.5909369	4.8978429	2.9265386
## 208	3.5764572	3.6138562	4.7293426	5.5124426	4.7480629	3.9744067
## 209	2.8552458	4.3940829	3.8228515	4.5932849	5.2929929	4.2967812
## 210	3.1961223	2.8516105	4.4916912	5.7397603	6.1782601	4.9389639
## 211	4.4144972	4.1608502	3.9545079	5.5730257	5.5288278	4.9981437
## 212	4.9735569	4.7475649	4.5615151	4.8676916	2.9841975	5.1402645
## 213	4.5100055	4.5827015	4.5374018	4.8682107	4.7205319	5.5015598
## 214	4.4880312	4.3231108	4.5421132	7.0105397	6.3327133	4.8580714
## 215	4.3224737	3.0996481	3.9719729	5.6868576	4.1535963	3.2100148
## 216	3.9183093	2.5086622	4.6438657	5.3252520	4.4796571	3.9938487
## 217	3.4016945	2.4023673	5.3884070	5.0019392	4.4259832	5.1898727
## 218	9.2879494	9.2697865	9.2296844	10.3470240	8.8427635	9.7460851
## 219	3.2022766	4.2045470	2.7621326	5.1531526	5.0883088	3.3716076
## 220	2.6748371	3.0307070	4.5361395	5.5238693	5.4017029	4.7831014
## 221	4.2871539	4.0925250	4.8067346	5.5483182	6.0997728	3.9884720
## 222	4.2086928	4.9919915	4.0859354	4.6082261	3.1382758	4.3670208
## 223	4.7860785	5.1332838	2.6726034	4.6579996	4.5244598	3.2336201
## 224	3.9866096	4.1282783	4.0745465	4.9854232	5.7180280	2.5858975
## 225	3.5710645	4.5501256	4.0970597	5.1802899	6.4342832	4.4790369
## 226	3.6201297	4.1863287	5.3267059	6.6246441	6.6303216	6.3476434
## 227	4.7614958	4.6954702	2.7357772	5.3011666	4.8440401	2.9214219
## 228	5.0654418	4.4818817	4.6466604	4.3424326	4.4667285	3.8350776
## 229	5.0093324	4.8965196	5.7883686	7.0891819	7.2866598	5.6312689
## 230	2.7931342	2.5435103	4.6928192	5.5838481	5.8314048	3.8539376
## 231	4.6565925	4.4411689	5.6291461	6.8665415	6.9312228	4.9889431
## 232	4.0007716	4.0255447	3.5525802	4.7932050	4.4460332	3.8829287
## 233	4.2687531	4.6340328	3.2889151	5.2060380	4.9403735	1.9085177
## 234	4.4200069	4.6272268	2.3260921	4.0911482	4.0849572	3.2558127

## 235	4.3910538	4.6683933	2.4291915	4.1967147	3.7266953	3.4183002
## 236	4.6542471	3.6880927	4.7615899	5.9821873	3.8875047	4.6715552
## 237	4.5254662	4.4002030	5.5911791	5.8070647	3.3454076	4.9545314
## 238	3.6297402	3.4694104	4.2488429	5.3714324	5.3674231	3.3153523
## 239	2.2626924	3.7874697	3.3866687	5.6112931	5.1288667	3.8689385
## 240	4.3687508	4.6908997	2.4424370	4.6004688	3.5161329	3.2917088
## 241	3.6363381	3.6003801	5.3895485	6.4314984	6.1245350	5.8881579
## 242	3.2949191	4.4282276	2.5359255	4.5240261	4.9793031	4.1307368
## 243	4.3583060	4.6716121	3.1896677	4.3872913	4.9802877	3.5600368
## 244	3.8716893	3.0421378	4.8976747	5.5375454	3.8424796	4.1975720
## 245	2.7506599	4.0884832	3.1337225	4.9627810	5.5477615	3.7906847
## 246	3.1538969	4.4867919	2.5446994	5.5684106	4.7297836	3.0753172
## 247	4.3202090	4.3904052	4.6617240	3.9839922	6.0673360	3.9203835
## 248	3.6812939	3.7386019	4.0589406	5.2466101	5.4777503	3.1541586
## 249	4.4127082	4.9717674	3.4695549	3.7553067	4.7276952	3.7151226
## 250	2.3730975	3.6353603	4.0322684	5.9274112	6.2405231	4.5453820
## 251	4.2241915	3.1267547	5.4697502	4.2306538	6.0432143	5.0362015
## 252	1.8164691	4.0812436	4.1255257	5.2636725	5.3944049	4.0416973
## 253	4.1175054	3.0391228	4.4123411	5.2391010	4.7195579	4.0434438
## 254	2.8159495	2.4902510	4.6895361	6.3913421	5.6063929	5.0029798
## 255	4.6680853	4.2407385	4.3660527	5.5028528	3.1845809	4.1693274
## 256	4.6543684	5.0137160	2.8571378	5.4241339	4.0874761	4.1596088
## 257	2.4138489	2.9056158	4.4896213	5.0893711	5.0587899	3.8995431
## 258	3.2809345	3.6669081	3.9422654	5.5419790	4.5668649	4.1154124
## 259	3.8911335	4.9612755	2.7619376	5.8472092	5.7401468	2.5787343
## 260	4.1401153	4.3654991	3.4890836	4.4170989	4.4175011	4.3172943
## 261	3.3712702	3.8522479	3.9257640	4.8804499	4.6179967	2.9092647
## 262	3.3242279	3.2323235	4.0581341	5.4180707	5.1842447	3.5490944
## 263	4.5909848	5.1404405	3.9588237	6.6451785	6.4143556	4.1539310
## 264	3.0567238	4.7387121	4.2923001	6.3243112	4.4967460	4.8669510
## 265	2.8563909	4.5827024	3.6871096	5.1240377	4.8587240	3.6706659
## 266	4.6604788	4.9880681	2.8040918	4.4911618	4.2527162	3.2970349
## 267	4.9744954	4.8973346	4.0856774	4.4918309	6.0128288	4.3570242
## 268	3.6974850	5.1837555	3.0476168	5.8744123	4.6144576	3.0651437
## 269	2.2300262	4.1442049	4.0335225	5.2183308	5.8402002	4.2714523
## 270	3.5854442	4.6593925	3.5144794	5.2941856	6.2139840	3.8686853
## 271	4.7513130	4.5755692	3.5280813	5.4208991	5.8072838	5.0236068
## 272	2.0646818	3.7005575	3.9426170	5.4577994	5.9266340	4.3154523
## 273	2.7867421	2.7512367	4.6448985	5.5694447	5.4859770	4.0619465
## 274	3.9115628	4.5488670	4.1744037	5.0049220	4.9494161	3.0102619
## 275	4.1712262	5.2679286	2.0375286	5.4072366	4.5393004	3.4842187
## 276	3.9573648	2.9090375	5.1574328	5.3796959	5.6908975	4.8000837
## 277	2.7302328	3.2216735	4.8724539	5.0190767	5.1508153	4.1597710
## 278	3.5957420	5.0459454	4.4553370	5.8524041	5.1054409	4.2585751
## 279	2.9843912	4.2791479	3.4292470	5.5042873	5.8129268	3.5270785
## 280	2.5648341	3.9168923	4.3430069	5.7821395	6.3480378	4.9554776
## 281	3.3664705	4.4398950	4.2628455	3.9468075	5.6709867	4.8095574
## 282	4.8112391	5.0967760	4.3335556	5.2864635	4.6318158	4.7086698
## 283	5.7067913	5.6605756	4.4159233	5.9923125	6.6351945	5.1278314
## 284	4.0488795	4.2087886	3.6185145	3.0282871	4.4298805	4.2042617

## 285	4.1154532	4.6532628	3.5704509	5.1957868	4.2958443	2.3890414
## 286	3.5054137	4.6294806	2.7497842	5.5926129	5.2063683	3.4868602
## 287	3.4090158	3.8716070	4.0167395	4.7393376	4.7655542	3.1379830
## 288	4.0102976	4.8633900	5.2134663	6.1007680	7.1288709	6.2560683
## 289	1.8303130	3.8886924	4.3058735	5.2059264	5.4717435	4.4164227
## 290	4.2739719	4.5405602	5.5916541	6.3643131	5.1495041	5.0570568
## 291	2.7290306	4.6781521	4.4859600	5.4898327	5.4275082	4.9078240
## 292	3.6569577	4.1394040	4.2124801	5.0541057	4.7339954	3.0277753
## 293	3.7630836	5.0504320	2.9906761	4.6584676	5.1080110	4.5983050
## 294	4.1648245	5.2077554	2.2216213	5.5359449	4.4760879	3.8084562
## 295	4.3797687	4.9357952	4.0165214	5.6104113	3.8580371	4.9009470
## 296	3.0655268	3.4382101	4.7008198	4.1201546	5.5401727	4.1766156
## 297	5.8729887	6.5672574	6.8989957	6.4334714	8.2868074	7.9413745
## 298	4.9834761	5.4010809	4.1817152	3.1191216	5.1121082	4.5115161
## 299	4.5426288	4.7387776	3.7568090	4.5058495	5.0484135	4.6699356
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## 176 4.1919699
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## 178 5.2636755 3.8878190 4.4549407
## 179 4.5714199 3.4350639 5.0543018 3.7147968
## 180 3.2073828 2.8841972 2.5061422 4.1163212 4.2558971
## 181 3.7051446 4.7409604 4.5195799 4.4752679 4.3292227 3.4681293
## 182 3.7970999 4.3639044 4.2597747 4.9444574 4.7356991 4.0213974
## 183 3.1423482 4.7482123 3.7782505 5.5478958 5.1214833 3.5030882
## 184 4.1543757 5.1893048 4.3958749 5.2975464 5.4409896 4.7095184
## 185 4.3302221 3.8715742 3.8092036 4.4652069 5.0774033 3.4598998
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## 186	4.4286477	4.5271736	5.3998008	4.9917906	4.1149204	4.6468096
## 187	5.2644038	4.8864071	4.2512967	3.3271801	5.2204036	4.2542805
## 188	5.1534335	6.0863176	5.7006373	5.4153776	5.2036272	4.9116263
## 189	3.7636233	4.7466530	4.9796893	3.4025339	4.0497320	4.8836202
## 190	4.3327499	4.7526237	5.0343927	3.3895160	4.8749305	3.9522545
## 191	3.6233757	4.7300450	4.2455458	5.4111715	4.3133974	4.2025083
## 192	5.1694367	3.1572967	4.7647680	2.6866461	3.7426399	4.3783004
## 193	4.1861886	4.0450933	4.5915919	4.0321057	3.9969294	4.3305895
## 194	3.4855341	4.0069331	3.6782875	4.5272740	3.6820502	3.6922896
## 195	4.6041163	6.0408476	4.6639870	5.0996815	6.2119948	4.6709686
## 196	5.2961138	4.1915800	4.7194260	4.2099734	3.5317292	4.4625767
## 197	3.5146290	5.2610817	5.0356643	4.0608666	4.7233743	4.3775904
## 198	4.2395243	4.5338957	3.8301105	3.3045233	4.6813785	3.3689962
## 199	4.1352460	5.5891231	5.5767864	4.4208135	5.3019423	5.1736145
## 200	6.0232795	6.8902919	5.7640688	7.8134188	8.2222148	6.5918880
## 201	5.0288051	4.1108039	3.1378039	3.1879757	4.0354729	3.9165873
## 202	3.6282426	4.4025845	5.4147141	5.0144843	4.0594308	4.3661161
## 203	3.7449361	3.9271025	3.9714271	4.2331922	3.9956279	3.8509946
## 204	3.4860386	5.0142318	3.9839073	5.5043173	5.9669838	3.9597011
## 205	3.7741177	2.4367387	3.1989962	4.3144247	4.1128147	3.0268087
## 206	4.5513085	3.9889228	5.3593559	3.3030261	3.5473821	4.4527299
## 207	5.2452305	4.0860811	4.9478356	1.6017507	4.0593881	3.9738927
## 208	4.1483069	4.4045584	2.9949466	4.4775526	4.4989456	3.6610015
## 209	4.8433447	4.6926215	4.8882101	3.6828796	3.6600938	4.4616533
## 210	3.7702485	5.6316826	4.9999544	4.7306499	5.6033771	4.8263580
## 211	2.0156976	5.2189342	4.7502022	6.3560574	5.7094741	4.0865718
## 212	3.7078698	3.7138188	3.6010191	4.3698149	4.6721341	3.2002272
## 213	4.0112665	3.1230029	4.3047310	5.6923755	4.7670588	3.1803297
## 214	4.8261492	5.8590498	5.9696551	4.8005300	5.7834973	5.8319238
## 215	3.6876225	3.8806623	4.3686874	4.1269344	4.4438436	4.0807821
## 216	3.3051640	4.7010172	3.3917500	4.6487570	4.9962346	3.8281143
## 217	4.2134764	4.5867875	4.8000005	4.3262460	4.6235680	4.1118774
## 218	9.7376837	9.1028826	9.5730535	8.5331620	8.9857330	9.7728863
## 219	3.8385226	4.0264707	4.0548803	4.2290140	3.4839839	4.0696085
## 220	3.4041021	5.2166277	5.3763429	4.5983468	4.5841120	4.3547062
## 221	4.6456770	5.3440040	4.0750203	5.3398425	5.6661688	4.2258240
## 222	3.8319524	3.1783794	3.0107688	4.1210175	3.8087799	2.1498701
## 223	4.2152884	2.7197696	4.4343492	4.1375767	4.4267094	2.7367804
## 224	4.4227719	4.9667244	3.3138582	3.9469136	5.2678468	3.3707875
## 225	4.0000617	5.0250793	5.4349043	5.7514125	4.7111521	4.0678182
## 226	5.1928272	5.3854343	5.0260829	5.3061248	5.5606196	5.5987659
## 227	4.0634302	3.6846510	3.2151909	4.2720643	5.2421231	3.3770812
## 228	4.8698115	5.1129188	4.3102999	4.3683979	4.9525659	4.4628435
## 229	6.0988930	6.4679388	5.5939781	5.6719868	6.8595485	5.9244580
## 230	4.4324687	4.9678177	3.9797594	4.1082258	5.3552051	3.9612818
## 231	5.8061403	6.2616801	4.5834964	4.7543631	6.7426155	5.4789850
## 232	3.2803075	3.6216864	1.8440799	4.5280212	5.0085892	2.4276476
## 233	4.7178348	3.6448960	4.4418838	3.0410878	4.0400761	3.4830021
## 234	3.8774375	2.2504640	3.5671885	3.9834844	4.1919190	2.4428228
## 235	3.8959789	1.7410563	3.4394081	3.7089000	3.9105343	2.3787204

## 236	4.2064347	3.5944935	5.1305787	4.8217649	4.0650534	4.5431248
## 237	4.2442205	4.6847168	4.8140488	4.7888564	3.9259430	4.1481497
## 238	4.0825015	4.6006079	2.9037300	4.3124545	5.0206698	3.5520115
## 239	4.3188321	4.2479268	4.5676678	3.1912713	3.5362539	4.4093260
## 240	3.8421461	1.7722085	3.2855195	3.5169104	3.8340508	2.4658215
## 241	4.1054063	5.6146251	6.3452076	5.9079908	5.2515071	5.2557974
## 242	2.3958963	4.1031874	2.9448933	5.0088945	4.4965197	2.7457220
## 243	3.7125614	3.6046171	3.3335900	4.2781773	5.0813436	2.0226588
## 244	4.5527493	4.6130932	4.6388332	3.4749790	4.4122304	4.5803236
## 245	3.4665436	4.4063389	3.8790609	4.3600247	3.9485420	3.5353444
## 246	3.7656830	3.6597765	4.4125192	3.7687992	2.7489719	3.9069727
## 247	4.8497986	5.1851787	4.2777400	5.1165899	5.4080189	3.6691836
## 248	4.1195519	4.6285743	3.5692647	4.4401325	4.9179441	3.4789598
## 249	3.8966339	3.6571182	3.7512349	4.4104247	4.7503984	1.7033397
## 250	4.2704698	5.0766311	4.4648440	3.9738297	4.9508936	4.4646269
## 251	4.8221029	5.6828165	5.3874669	5.1435355	5.9716389	4.4386336
## 252	4.1335092	5.0272247	4.5957096	3.5469830	3.8503149	3.8438243
## 253	3.5499219	4.2232372	4.1351061	4.2920960	4.8535445	3.6114075
## 254	3.3920547	5.5129303	4.7482282	4.7413444	5.2124171	4.9254657
## 255	4.3948646	3.2912234	4.7844666	3.5141387	3.4560776	4.1210228
## 256	2.7993691	4.1224686	5.0676823	5.0610151	4.2416386	3.8920504
## 257	4.3850845	4.2789999	4.0318061	3.3328741	4.3709652	3.4424943
## 258	2.5407525	4.7488535	4.4655717	4.6085106	3.8884498	3.8742486
## 259	4.2656664	4.6698647	4.8215651	4.0715601	4.1939728	4.2815089
## 260	3.5545500	2.6379083	3.1717563	4.3474477	4.5688019	1.9824425
## 261	3.9874752	3.8473645	3.2551341	3.3713210	3.9599516	2.7058102
## 262	4.9051152	3.8849699	4.3364989	2.9129635	4.5298594	4.1395911
## 263	4.8841668	5.4622698	4.9642121	5.2400049	5.3230808	5.3492768
## 264	4.9309783	4.1011182	5.0396736	3.0526656	2.7535640	4.8580117
## 265	3.6657839	4.7004878	3.6481828	4.0393232	3.3828118	3.5314137
## 266	4.0926359	2.6381339	4.2144640	4.1941402	4.2550893	2.6301759
## 267	4.3842445	5.0060426	3.6943417	5.6018966	6.2020565	3.4789723
## 268	4.3121603	4.3413485	4.3694132	3.4452522	2.9595211	4.2441269
## 269	4.2978089	4.9336485	4.9798728	3.7646884	4.1791886	3.9371186
## 270	4.0953523	5.0098866	4.3578294	4.5484176	4.7937408	3.9721933
## 271	2.8378528	5.1774038	4.4889006	5.7991818	5.9565363	4.1938601
## 272	4.1801680	4.9616896	4.3710870	3.6646649	4.5406500	4.1260179
## 273	4.5274902	4.6184868	3.6946027	3.5030948	5.0382819	3.8956877
## 274	4.4711143	4.2412738	3.9210759	3.3934576	4.2289409	2.9730605
## 275	3.4966334	3.9855011	3.5905097	4.3453405	4.1749994	3.6449254
## 276	4.4503585	5.0152085	5.5232730	4.5545256	5.5155079	4.2810599
## 277	4.5772071	4.5757517	4.3687407	3.8588499	4.4772736	3.5993330
## 278	4.2836177	5.4028491	3.6105832	4.4485254	4.1385146	4.3441141
## 279	4.6824029	4.9242573	4.8952903	3.4003130	4.3657670	4.5525720
## 280	4.3574610	4.9037305	5.5342114	4.7553624	4.6564549	4.4213672
## 281	4.2183213	5.1169323	3.7688645	5.2013184	4.3991339	4.0362248
## 282	4.4030810	4.5967274	2.3598591	4.8050960	5.3907289	3.6623999
## 283	5.1649443	5.3472350	4.5480785	5.7805295	6.7440085	4.5939857
## 284	3.5791056	3.5724658	2.2522925	4.7339961	4.8071890	1.9104583
## 285	4.6393746	3.2838024	4.4697102	3.0338642	3.3014137	3.3588075

## 286	4.0369194	3.7419962	4.8115486	4.1089118	3.2719419	4.1012127
## 287	4.0098695	3.9917932	3.6654209	3.9259113	3.9996973	2.8253578
## 288	5.4244861	5.2160743	6.4609155	5.6069697	5.4380551	5.2766044
## 289	4.1466461	5.0819639	4.5551579	4.0355670	4.0003460	4.0354066
## 290	5.6346885	4.7943491	5.6596397	4.7694273	4.5625949	5.1067490
## 291	4.7358776	4.8051488	4.9732416	3.4222873	3.7888575	4.2209685
## 292	4.2481433	4.4480303	3.1152218	3.6348362	4.3053474	3.1610095
## 293	3.0419278	3.8179384	4.3729638	5.1761344	4.2071538	2.8052100
## 294	3.4880548	3.7416033	3.6846679	4.4282529	4.0743313	3.7115582
## 295	2.4992676	4.8298614	4.1077755	5.1711859	4.5291891	3.7699692
## 296	4.8865792	4.7910432	4.0974036	3.6378969	4.8894435	3.5848762
## 297	7.0329744	6.5478736	8.1347418	7.4288909	6.6195544	6.6085822
## 298	4.7253027	4.7126329	3.1059822	4.8040762	5.4768958	2.9655320
## 299	3.9812341	3.2385038	4.0816272	4.9761964	4.9721650	2.6335539
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## 182 4.0923217
## 183 3.7401221 2.1472833
## 184 5.0589543 4.7392953 4.1255714
## 185 4.5654839 2.0640467 2.9811805 4.2796496
## 186 3.6055455 2.8342799 3.2826492 4.2944359 3.4722015
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## 187	4.3993644	4.8202197	4.5868945	4.2846697	4.4024386	4.8188744
## 188	4.3838124	4.7775099	4.0815784	5.1431947	5.0885672	3.9640455
## 189	4.2249680	4.4318766	4.9272078	4.5792062	4.8753760	4.2385677
## 190	3.9402451	5.7180533	5.5017700	4.7448328	5.2904385	5.3520558
## 191	3.6595904	4.5149314	3.6427557	3.9197970	4.9656188	3.5214166
## 192	4.8701234	5.2670476	5.5635664	4.8436271	4.8646933	4.5023251
## 193	2.7963953	3.6772641	4.3176559	5.0562042	4.2697171	3.2062372
## 194	4.5416751	2.9252038	3.5226011	5.2515748	3.4799862	4.2043788
## 195	4.2307762	4.5083788	4.2916940	3.2845209	3.9825692	4.7466238
## 196	5.4565600	4.3341558	4.6259324	3.9559884	3.7014065	3.8512024
## 197	3.1479574	5.0194818	4.7090403	4.6895512	5.3758380	4.6527222
## 198	3.6942967	4.7665574	4.2869011	4.2702450	4.3031900	4.4396266
## 199	3.8416558	4.4261697	4.9188269	5.1573874	4.8725185	4.1015486
## 200	6.0398163	6.2181041	5.8177988	6.6293859	6.6969903	6.6054808
## 201	4.5965669	4.6410133	5.1474498	4.8271228	4.1804062	4.9373003
## 202	3.4392944	5.5218261	5.1593015	4.8355390	5.8641142	4.6368134
## 203	4.7515295	5.6316994	5.2252651	3.3934561	5.2465033	5.2642472
## 204	4.8651582	4.8169795	4.3309309	3.6333859	4.2535725	5.3774666
## 205	4.9239867	3.6783916	4.0161984	4.6434963	3.1057856	4.2524381
## 206	3.3880479	4.3877703	4.8254107	5.5366738	4.8164592	3.4224949
## 207	3.9451812	4.8301411	5.4375601	5.6028051	4.2943328	4.6192744
## 208	4.5414318	4.8635826	4.2693724	3.5382021	4.4573971	4.6981741
## 209	4.1253987	4.6638664	4.9677793	5.7656660	5.0429484	4.1751889
## 210	3.4637335	5.1375086	4.7905978	4.7458307	5.5704938	4.8170820
## 211	4.1996714	4.1848682	3.3841126	4.6739637	4.6636037	4.4382080
## 212	4.9768277	5.4177630	5.2068344	4.8208425	4.9671628	6.1246354
## 213	5.0864307	5.2404883	4.4403317	4.8614176	4.8245565	4.8447220
## 214	4.5793751	4.1114446	4.6878288	4.4636626	4.5958657	3.7443074
## 215	4.2235528	4.4325191	4.8114230	3.5683817	3.9765844	3.8898448
## 216	4.2573118	4.9610525	4.4400738	2.5465426	4.5486991	4.7494554
## 217	4.9599785	6.0078841	5.4667287	4.2919884	5.6267520	5.2968719
## 218	9.9220166	9.6350741	9.7645066	7.7245575	9.2422942	9.1285156
## 219	3.2930689	3.4687195	3.8634986	4.5480995	4.0437684	2.8189820
## 220	3.5028156	5.1558258	4.6784048	4.8498411	5.5013542	4.4269139
## 221	4.3224976	3.9862094	3.1991773	2.7856796	3.4315761	3.5028323
## 222	4.6870281	4.7024362	4.2732197	4.8614458	4.1177332	5.3588461
## 223	3.8038894	3.8085531	4.3783290	5.5487909	3.1147826	4.0870494
## 224	2.9056551	4.4762823	4.2655543	4.4517968	3.9830529	4.7221341
## 225	2.7308655	4.7402128	4.0216682	5.2883876	5.1273965	3.3346832
## 226	5.1611757	5.9556804	5.4532943	5.1960251	6.3736240	5.4089421
## 227	4.2729112	3.1946807	3.8815209	4.7768750	2.4841874	4.3248957
## 228	4.9125450	5.2662795	5.6681028	4.9228197	4.8062852	5.3686950
## 229	5.6431617	6.2700322	5.7988891	4.7171407	5.8486512	5.7745485
## 230	4.1131243	4.8938447	4.3217608	4.0964215	4.4695809	4.4823694
## 231	5.2327274	5.0091911	4.7562617	4.1224685	4.6249723	5.3039847
## 232	4.2025957	3.9008978	3.3202768	4.0126233	3.3469266	4.7990605
## 233	3.0622622	4.1554951	4.8123309	5.0054065	3.5525443	3.7909585
## 234	3.9265477	3.5284686	4.0115021	4.9526912	2.8051440	3.8940825
## 235	4.0312563	3.6510776	4.1680568	4.9946177	2.9736428	4.0845712
## 236	5.1986209	5.3468291	5.4668346	3.9767846	4.9448058	4.2725973

## 237	5.3375047	6.0010525	5.5500271	4.2338873	5.5363821	5.5926419
## 238	3.7192313	4.4764509	3.9813995	3.4695388	4.0227417	4.4046182
## 239	3.8078100	4.0529943	4.4569891	5.0427449	4.5193292	3.5360486
## 240	4.1195361	3.5390172	4.1152036	4.8390371	2.8245407	4.1404571
## 241	4.7198713	5.9072226	5.2370395	5.1293728	6.2131543	4.5961555
## 242	3.1836006	3.1697565	2.3199835	4.5888940	3.7292209	3.9935102
## 243	3.1567981	4.0955364	3.8048889	4.9792787	3.4830062	4.7756862
## 244	5.3437190	5.2928945	5.5616232	4.4340843	4.8426333	5.0345199
## 245	1.9173919	4.0523217	3.5161099	4.1790625	4.4881788	3.4445269
## 246	2.9728003	3.4114041	3.9152518	4.5681485	3.9083077	2.5653261
## 247	3.7325488	4.2712805	3.6377812	4.0328919	3.7076454	3.7016471
## 248	3.4178812	4.4844033	3.9176141	3.4015230	3.9255987	4.0303030
## 249	3.3840507	4.4055021	4.0589794	5.3843999	3.7720719	4.8977141
## 250	3.1122142	4.6914938	4.3371901	4.8712216	5.1288479	4.3898517
## 251	4.5156163	6.1258468	5.6657773	5.3771957	5.7576508	5.4974327
## 252	3.1568152	4.6734353	4.2868685	5.2799861	4.9999090	4.4218936
## 253	3.4851665	5.1544934	4.8177707	3.4990597	4.7341153	4.6837496
## 254	4.1916325	5.0116966	4.5178328	3.9433462	5.4256695	4.6746520
## 255	4.6407021	5.2956783	5.7063391	4.4332969	4.8292974	4.7619145
## 256	4.1037800	3.6576453	4.1771655	5.3523142	4.0661241	4.0978552
## 257	3.9113904	5.0451649	4.5092847	4.1273168	4.5399670	4.4260194
## 258	3.0161895	4.5198378	4.0765644	3.8671027	4.8832563	4.0895811
## 259	2.5075218	3.4217907	4.1732673	5.3106123	3.9262040	3.1809074
## 260	3.7607455	4.4135794	3.9665321	4.7514361	3.8945277	4.7445333
## 261	3.0067811	4.5187635	4.1653101	3.9509821	3.9570613	4.2858059
## 262	4.2944988	4.6498008	5.0185368	4.8181355	4.2019863	4.1188551
## 263	4.2943901	2.9588190	3.5731789	4.2242184	3.6194800	2.7122157
## 264	4.8582903	4.9933267	5.3659769	5.4952308	5.3221754	4.5780308
## 265	2.9685801	4.2151650	3.7926731	4.5083780	4.5701109	4.1891675
## 266	4.0301656	3.7716280	4.2618403	5.4172948	3.0431607	4.0358802
## 267	4.3256185	3.4603806	2.7389042	4.1218132	2.7130698	4.2091829
## 268	3.5249371	3.7379524	4.3908685	4.9079291	4.1053597	3.7120079
## 269	2.7149715	4.8303504	4.4702300	5.4789835	5.1436948	4.2752616
## 270	1.7991336	4.3516126	4.0877698	5.0435653	4.7688694	4.1146966
## 271	3.6155121	4.3350822	3.9525031	4.8574297	4.7595743	4.9173965
## 272	2.8970844	4.6364779	4.2876428	5.0273015	5.0288682	4.3593007
## 273	4.1319028	5.0338948	4.5807689	4.0705285	4.5959452	4.7412510
## 274	2.9665842	4.8453482	4.6622397	4.7771473	4.2841292	4.7350552
## 275	3.9476564	2.6155701	3.4433328	5.2945771	3.2183443	4.0419992
## 276	4.0734691	5.8847044	5.4965914	4.8948759	5.4727372	5.0444739
## 277	4.3057734	5.2901758	4.7109946	4.6063830	4.7955566	4.6357457
## 278	4.1661022	4.6708825	4.3379054	4.7386651	5.0091940	5.0694258
## 279	3.4134127	4.0877038	4.6432566	5.6327649	4.5143424	3.8485986
## 280	3.2588215	5.1043452	4.5349384	5.3248168	5.4404617	3.8815829
## 281	3.7927920	4.9055034	4.2580585	4.9194229	5.2827248	4.5419319
## 282	5.2104276	4.7697143	4.3484319	4.3160939	4.1986801	5.7620253
## 283	4.7498587	5.2194631	4.9089098	5.1376733	4.7085930	5.6744733
## 284	4.1511993	4.3224459	3.6600756	4.5834312	3.7477733	4.8579734
## 285	3.5849757	4.3322939	4.8588118	4.9270988	3.6907853	3.7725947
## 286	2.9059258	3.7410097	4.2050590	4.9187806	4.1964925	2.6425097

## 287	3.2191833	4.6176430	4.0937477	3.8307718	4.0120511	4.0121253
## 288	4.1957578	6.2360661	5.7686006	6.3498691	6.5466916	4.9010016
## 289	3.6247805	4.7964109	4.2521209	5.0599815	5.1046998	4.3391514
## 290	6.0577285	5.8128195	5.8341619	5.5596440	5.3746712	4.9458942
## 291	3.6034185	5.3683546	5.1196314	5.7306231	5.6357425	5.0367619
## 292	3.5853159	4.6265099	4.2724940	3.9322963	4.0352955	4.6413624
## 293	3.1027654	3.9567831	3.3321985	5.4271369	4.3310152	4.0644800
## 294	4.0963534	2.8264925	3.5438661	5.2445810	3.3947135	3.9918511
## 295	4.5081605	4.4345766	4.0447189	4.7814836	4.7307234	5.2981480
## 296	3.9500159	5.3897772	4.9419301	4.9346018	4.8992385	4.9602868
## 297	6.0664885	7.9260452	7.3979496	8.0700094	8.1391575	6.3893845
## 298	4.4726760	5.0101563	4.7070302	5.6210097	4.4340281	5.8688799
## 299	3.9401602	4.7631337	4.2334367	4.9826030	4.1929257	4.6791091
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## 188	4.7996483					
## 189	4.4065044	5.0082660				
## 190	3.6664271	4.9638187	3.5735738			
## 191	5.2125407	4.4138050	4.4143525	5.3638962		
## 192	3.7913871	5.4762011	3.5942431	3.9863662	4.4335261	
## 193	4.4805342	5.6321697	3.4426762	4.7965135	3.7852892	3.8534230
## 194	5.6587022	5.2248736	4.1451093	5.6965633	4.1411010	5.0010716
## 195	4.0525671	5.1791548	4.7833445	4.2160876	5.3706438	5.9297459
## 196	4.6775844	4.6911237	4.9372368	5.4241183	4.6399202	4.2286154
## 197	4.0404941	4.2417896	2.5573261	2.3052746	4.4191244	4.4008070
## 198	3.3567092	4.1029977	3.7427000	3.2664551	3.7031089	3.4223992
## 199	5.0371988	4.7750423	2.1751728	3.9158624	4.7392333	4.6871816
## 200	6.7564850	8.0799495	6.8531561	7.7581380	5.6002291	6.9475334
## 201	4.1288045	5.7738474	4.2091074	4.8788534	4.7693421	3.9655138
## 202	4.9010670	5.5498352	4.0404009	3.4929857	4.3600956	4.5073315
## 203	4.3033865	5.9776786	4.0365197	3.5930713	4.2246497	3.8363680
## 204	5.6406733	5.7599278	4.9613009	4.7166638	4.5749729	5.5716487
## 205	5.1223029	5.8595618	4.5083503	5.3226354	4.0127791	3.7584612
## 206	4.2487607	4.4529934	2.8468045	3.8597103	4.1321055	2.7760996
## 207	3.6674484	4.9685291	3.5939407	2.9961924	5.4770315	3.1596859
## 208	4.3839080	5.4496532	4.6038637	5.0089425	2.9788854	4.1268595
## 209	4.6571380	3.5682170	3.3497231	4.4768616	4.3189767	3.8048710
## 210	4.1348595	4.9080801	2.8831472	3.3353677	4.3398126	4.6272696
## 211	6.2415392	5.1564529	4.5981707	5.2177408	3.6931506	5.9955167
## 212	4.5691682	6.4606243	4.7742520	3.6896782	5.6919864	4.8604336
## 213	5.6505620	5.5782365	5.7393830	5.3511167	3.6833474	4.3306558
## 214	4.2812487	4.9846327	2.9786696	4.5341471	5.2254591	4.8039597
## 215	4.7824962	5.7487745	3.1517476	3.9407399	4.0445280	3.7197718
## 216	4.4128008	5.4520671	3.7897825	3.9395415	3.4274452	4.4124716
## 217	4.3899293	4.5422591	3.8247044	2.8924455	4.4176647	3.6472926
## 218	8.8272790	9.0235562	8.7005251	8.8302869	9.1759805	8.1218128
## 219	4.7958369	4.6996664	3.3078176	5.0774287	2.6382071	3.8029823
## 220	4.6643715	3.7989011	2.9490085	2.7587767	4.1206885	4.4975018
## 221	4.1638639	4.2513766	5.1938652	5.3261534	3.4014749	5.0753282
## 222	4.7001696	5.4575365	5.1607025	4.4780301	4.6796968	4.5292486
## 223	5.1241844	5.5244832	4.8462231	4.3827848	5.0558884	4.2720205
## 224	3.7019569	5.3571908	4.5761706	4.0310299	4.3894601	4.8469432
## 225	5.6558933	3.9985973	4.9648119	4.8957833	2.9539792	5.1625636
## 226	4.4788085	6.0594892	4.4732373	5.5580993	3.8151366	3.8628209
## 227	4.8752865	6.0590155	4.4927636	5.1899725	4.5642238	4.4845700
## 228	5.1545404	5.5332714	4.2054886	4.4389992	5.4648386	5.1331487
## 229	5.5471803	5.6817963	5.6054172	5.7323630	4.6113576	5.1253533
## 230	3.8303715	4.4344516	4.0068838	4.0721744	3.3652321	3.7053033
## 231	2.9090922	5.6787444	4.9663492	5.2524334	5.2678638	5.0068533
## 232	4.3314883	5.6711177	4.7680773	4.8316428	3.6880853	4.4415367
## 233	4.1715409	5.4146042	4.0786820	3.7744940	4.7582291	3.7366149
## 234	4.8220820	5.2974101	4.5119078	4.5134201	4.3738282	3.7634089
## 235	4.6002178	5.5469777	4.4302471	4.4154724	4.5177319	3.5007333
## 236	5.5125530	5.9355748	3.9690547	4.5615657	4.0459048	3.4929999
## 237	5.4255610	5.4989305	4.7502009	4.1026079	4.7721915	4.8791276

## 238	3.9475015	5.3958940	4.4074271	4.6249266	3.0926733	4.2241049
## 239	4.0965382	4.2147421	2.3277277	4.2954061	3.5611161	2.8639526
## 240	4.5178081	5.6989926	4.3086132	4.4446670	4.5055474	3.4476348
## 241	5.9030718	4.3548058	4.1469484	4.3126636	3.9171998	4.8574908
## 242	4.8942386	4.6114041	4.3609695	4.9843708	2.9069709	4.9528497
## 243	4.2286017	5.5111441	5.0260557	3.8987607	4.7494668	4.7211136
## 244	4.6040770	4.9727873	2.8138019	3.6740968	4.8683163	3.5225004
## 245	4.1348257	4.3367043	3.8534182	4.1919546	2.4396448	4.1932153
## 246	4.7260921	4.6582950	3.1541812	4.6213414	2.9329884	3.5403167
## 247	3.9062015	3.4657187	5.3716411	4.6661590	4.2596562	5.2218321
## 248	4.3902604	4.7368478	4.5804276	4.4074984	2.8907514	4.3159690
## 249	4.6747028	4.9931840	5.3011672	3.8391285	4.9913432	4.9900645
## 250	3.3998489	4.7727801	3.3295346	3.9514205	3.6585314	3.7815290
## 251	4.8961374	4.2979532	4.5766504	3.1672207	5.2562986	5.0637242
## 252	3.9487471	3.3375654	3.4620849	3.4412719	4.0361493	4.2580204
## 253	3.9570199	5.6914878	3.8538570	2.8082305	4.2108554	4.0847043
## 254	4.3937076	4.9029242	2.4810328	3.8738555	3.5091755	4.3166836
## 255	4.6037377	6.0504022	3.6069755	3.4110613	5.0642524	3.3633902
## 256	6.0234270	5.2375754	3.7699471	4.5392373	4.8609375	5.2902468
## 257	3.4836205	3.8746932	3.8645016	3.1916957	3.5082164	2.9721428
## 258	4.7063848	4.7058470	3.1336521	3.4286803	3.4631206	4.7462664
## 259	4.8315619	5.1260194	3.5848984	4.6874925	4.1593263	4.6206733
## 260	4.1262709	5.7383800	4.9527143	4.0872473	4.2811274	3.9643426
## 261	3.4597872	4.9723335	4.2386597	3.4475126	3.7100676	3.7833689
## 262	3.5801805	5.0367736	3.2588598	3.9184890	4.2353133	2.1701660
## 263	4.6314652	5.2011817	4.2892640	6.0365078	3.9781624	5.0597398
## 264	4.3524367	5.1260403	3.0229766	4.5636558	4.4559539	2.7317082
## 265	4.2993590	4.3454121	3.9199029	4.3520353	3.2948708	4.6557243
## 266	5.1517676	5.3616339	4.7677372	4.5079641	4.8074119	4.1821306
## 267	4.4079720	4.5813500	5.6875075	5.3226334	4.6116344	5.6627394
## 268	4.7415996	5.0081546	3.3992234	4.7538642	4.0181092	4.2139612
## 269	3.8714541	3.5560865	3.6271200	3.1635951	4.1647708	4.1100956
## 270	4.1315121	5.0839267	4.2349096	4.2525100	3.8949677	4.8636315
## 271	5.3841905	5.8271288	4.3973211	4.6157746	4.5758348	5.7744897
## 272	3.2890537	4.2538189	3.2267893	3.5486794	3.7941144	3.8089248
## 273	3.0759890	4.8413516	3.7755396	3.7001945	3.6639408	3.1074924
## 274	3.6436383	5.2230592	4.6026565	3.2614282	4.6896803	4.3517951
## 275	5.1817260	5.4751874	3.9060783	5.3717547	4.2853574	4.8518923
## 276	4.3703595	4.7951947	4.0248722	2.0531243	4.9987466	4.1912370
## 277	4.0715452	3.7416317	4.2381938	3.6000094	3.7805577	3.5559778
## 278	4.6475749	5.2380003	4.3159718	5.2061229	3.9306866	5.2202539
## 279	4.1949444	4.2609442	2.8011269	4.1775344	4.4230534	3.8828203
## 280	4.5818083	3.8743118	4.0279547	3.9380458	3.4423365	3.9045487
## 281	4.8663680	4.2574781	4.6318229	5.2194395	3.0573216	4.9814633
## 282	4.8459562	6.0583010	5.3250021	5.4804063	4.5167193	5.0716082
## 283	5.4718093	6.5467159	6.0256306	5.6195248	5.1722050	5.6743311
## 284	4.5579234	4.8905769	5.0775928	4.6387872	3.8887508	4.5900580
## 285	4.3867015	5.1814721	4.0775727	3.8413807	4.5361829	3.4605151
## 286	4.8037080	4.8960978	3.4611667	4.6258556	3.2598680	3.6098053
## 287	4.1259865	4.4021206	4.4750784	3.7212970	3.2439285	3.9275467

## 288	5.1273291	5.2221527	5.1024479	4.6094080	4.6986197	4.3076391
## 289	4.2347093	3.1503459	3.5732037	3.9270063	3.4912746	4.1666434
## 290	5.7705287	5.0461111	4.7769784	5.4576820	4.5971465	3.8226277
## 291	3.6436658	4.4395457	3.8175919	3.3174745	4.7792751	3.9314349
## 292	3.8057922	4.9991586	4.4094106	3.9824383	3.8513108	4.2806471
## 293	5.2481606	4.6345648	4.8393182	4.6005869	3.8208350	4.9842530
## 294	5.1650001	5.6229391	3.8979674	5.4101045	4.1302789	4.6041777
## 295	5.5056385	5.4675784	4.1714042	4.5148756	4.7104741	5.6929610
## 296	3.4761131	3.8300896	4.2863152	3.2638163	4.3419217	3.7417425
## 297	7.1324218	5.9235628	7.0429982	6.2101751	6.3305092	6.1046845
## 298	4.7629035	5.4040856	5.6546354	4.7799795	5.4529310	5.5706071
## 299	4.8204848	5.4755777	5.3717396	4.3428191	4.3125531	4.3473370
##	193	194	195	196	197	198
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214 3.8600841 5.5359900 4.0367274 5.6701618 3.4789488 4.8027852
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225 4.0114896 4.8848223 5.5004975 5.4443360 4.1654819 3.9434651
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238 3.6259484 4.2542900 3.8987016 4.4779267 4.4823119 2.7244571

## 239	2.9125489	3.6577204	5.4327280	4.4005250	3.3915663	3.0882529
## 240	3.4606323	3.2490223	5.0422593	4.0744792	4.7770973	3.9515496
## 241	5.3229585	5.7306049	6.1421714	5.9126994	3.5621582	4.1327383
## 242	3.6865180	2.7398415	4.8003376	4.9589532	4.1002375	3.7131683
## 243	3.9807638	4.3617161	4.2134670	5.3485074	4.2545123	3.7352279
## 244	4.9442307	4.4474215	5.0203516	3.9996632	3.9162884	3.3846536
## 245	2.5737477	4.0905048	4.2648661	4.8394531	3.2050695	3.4417584
## 246	2.0372550	3.0227603	4.9461050	3.8640190	3.8858860	3.6981026
## 247	4.7251685	5.1632842	3.4683354	4.1337184	4.6885872	3.7413087
## 248	3.9254676	4.2852715	3.7651424	4.2994773	4.3098824	2.7499935
## 249	4.6684208	4.3011160	4.6421966	5.0527590	4.3888507	3.8649379
## 250	3.0228908	4.9552244	4.8460044	5.7868278	2.7984637	3.0874457
## 251	5.5102741	6.1728624	4.9049175	5.9907710	3.4018889	3.7840309
## 252	4.2486868	4.0642278	4.9971483	4.7556121	2.7181083	2.5810343
## 253	3.6825405	5.3107416	3.5166423	5.1636089	3.1829680	3.6655186
## 254	4.0722244	4.8570583	4.6266646	5.6474388	2.5005802	3.3205501
## 255	4.0017008	4.9150306	4.8851255	4.1767541	4.1044519	4.5351749
## 256	4.2456313	3.3020095	5.1105470	5.1241677	3.9963121	4.9266455
## 257	4.4439793	4.5697369	4.7516057	4.1275757	3.4824092	1.2696347
## 258	3.6972772	4.1083637	3.9561199	4.8010730	2.5232563	3.7501256
## 259	1.9126076	3.7342270	4.4471560	5.0388158	3.8824807	4.0502585
## 260	3.9445339	4.3964507	5.0340626	5.0049848	4.4913032	3.7271677
## 261	3.5508971	4.1564785	3.8309952	3.9986144	3.8351153	2.5568874
## 262	3.2965835	4.6072257	5.1276755	4.4882083	4.0088060	2.6103322
## 263	3.0491699	4.3765604	4.3106191	4.6757795	5.0717510	4.7515768
## 264	3.9575730	4.0706783	6.3005536	4.2117862	4.1334328	3.9491194
## 265	3.6869793	3.2938543	4.4440432	4.1498087	3.6392494	3.4027433
## 266	3.9803338	3.6277763	5.2547366	4.4367012	4.8848398	4.0748307
## 267	4.9305216	4.7061050	3.5704827	4.9162644	5.1760306	4.2880869
## 268	2.9715650	2.8802319	4.7397373	3.8782353	4.1168024	4.0920389
## 269	3.8751043	4.7122090	5.0388952	5.3004826	2.3756354	2.9206436
## 270	2.5307838	4.7843039	4.1554913	5.7539799	3.3257007	3.9796432
## 271	3.9688619	4.8856598	4.2306427	6.5919520	3.5594539	5.0162273
## 272	3.2370518	4.6587882	4.7602605	5.4536978	2.4409240	2.8141334
## 273	4.0416517	4.7954080	4.5916846	4.7487949	3.7014192	1.6435439
## 274	3.8848396	4.6343906	3.9125399	4.5652708	3.8826977	3.1848355
## 275	3.2698147	1.7947985	5.0396383	4.6969217	4.6383343	4.3817722
## 276	4.8396310	6.0749921	4.6822865	5.8362794	2.7313336	3.3537933
## 277	4.9628659	4.5967430	5.1981613	4.1066161	3.9070297	1.5932241
## 278	4.3629373	3.4818874	4.8040229	4.4739026	4.4928954	3.9867116
## 279	2.9621964	4.0900789	5.0309453	5.1234634	3.2080537	3.3865292
## 280	3.9344448	5.2170268	5.7097505	5.6166310	3.1157215	3.1871800
## 281	4.1745297	4.3135764	5.2657536	4.8402414	4.3194146	4.1097396
## 282	5.1837687	3.8899087	4.8347844	4.7522579	5.4303769	4.3360488
## 283	4.9226019	5.7089369	4.8230391	6.5578943	5.4537008	5.2081170
## 284	4.6184813	3.7525672	4.8414657	4.4995948	4.7225286	3.5533909
## 285	3.3610963	3.9541126	4.6952773	3.5973933	4.3695583	3.4552854
## 286	1.7984633	3.7614850	5.1402406	4.4670155	3.8969016	3.9832297
## 287	4.0131614	4.1057515	4.1002377	3.7222673	4.0070363	2.5340267
## 288	4.4768179	6.6677124	6.7789143	6.7736532	4.0777724	4.7504859

## 289	4.4128439	4.0231672	5.2568322	4.5962566	3.0813096	2.5602190
## 290	5.7286552	4.7246342	6.8509736	3.8961756	5.6580331	3.6652174
## 291	4.2391897	4.9741104	5.5280227	5.2762796	2.9042673	3.6112888
## 292	4.0663055	3.9631837	3.7536853	3.9060436	4.1814122	2.7680715
## 293	4.0763766	3.7465325	5.4698665	5.2594006	4.0839572	4.1689211
## 294	3.1647896	2.0511709	5.2882631	4.6807822	4.6956778	4.4013940
## 295	5.0536894	3.3443413	4.7789491	5.1229806	3.9444974	4.6497079
## 296	4.6625515	5.0633052	4.7415375	4.7601287	3.4991059	2.3407096
## 297	6.6938861	8.1541897	8.5722779	7.8751628	5.9768022	6.5535418
## 298	5.2389435	4.6008112	4.7323006	5.3699025	4.9572822	4.5910359
## 299	4.4086315	4.8086923	5.2689561	5.2471559	4.6679561	4.0629953
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212 5.7804971 7.3892285 4.3369034 3.9177944 2.9078417 4.3417523
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214 2.6124293 6.2704800 5.4585076 4.8553709 5.5468022 5.3117879
215 3.4554851 6.4947637 3.6538170 4.0651633 3.1713572 4.1464807
216 4.3105099 6.1592085 3.7320632 4.2009370 2.4063802 3.3938350
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226 5.3551225 4.7864109 5.3096334 4.7945742 4.7499277 6.2321197
227 4.4200663 5.4524628 3.7145191 5.6368505 4.9933696 3.7307922
228 4.3997046 7.7211552 2.7851278 5.1578936 4.3330444 4.9719056
229 5.5340931 6.3172801 6.0917541 6.5884095 6.0638758 4.1928914
230 4.0487713 6.2376750 4.4079272 5.3083484 4.3382472 4.4698387
231 5.1653669 5.7742082 4.8536918 6.3654404 5.4729949 5.2620871
232 5.2135501 5.4737035 3.8308527 5.1108346 3.8047559 3.3960458
233 3.9994737 6.8730253 3.3001071 4.3487164 4.4191422 4.8163418
234 4.5587356 6.2550536 3.7779232 4.6586065 4.5321597 4.0179772
235 4.7511156 6.3206946 3.5545152 4.4648567 4.2237502 4.2834448
236 4.7467991 7.3689679 4.5483592 4.0484031 2.9860833 4.9589305
237 5.8197076 8.9996685 4.7086953 4.5213282 2.4968864 4.8602931
238 4.7002424 5.5135304 3.3432240 4.9623915 3.6164681 3.9843365
239 3.0318596 6.4411587 3.6894925 4.5028489 4.5613976 5.4650567

## 240	4.7801269	6.3424249	3.4361098	4.5795264	4.0789988	4.1154951
## 241	4.1216559	7.6190792	6.6153213	4.0634000	4.8464595	5.5067832
## 242	4.4926146	5.3209834	4.4267648	4.4931013	4.5221963	3.7263770
## 243	4.9434501	6.0004993	4.4554560	4.4056724	4.5003081	3.6872007
## 244	3.7534715	8.0122036	3.6376642	5.0733636	3.6328052	4.9876230
## 245	3.9975302	5.2992858	4.0126259	3.2773989	3.9859322	4.2538554
## 246	3.5941875	6.3210825	3.5556992	3.8759139	4.1677388	4.8079757
## 247	5.0111828	6.9121974	4.2909870	5.1339981	4.9284366	4.9561616
## 248	4.5610603	6.0053500	3.9864889	4.8584152	4.0177554	3.2389426
## 249	5.2214074	7.1666453	4.6269205	4.5134208	4.6595899	4.1100358
## 250	3.5809447	5.1011781	4.6083232	4.0697896	4.6107046	5.1301821
## 251	4.0190138	7.6567144	5.2956823	4.6023885	4.8727394	5.3964606
## 252	3.8468838	7.5475334	4.4524902	4.3489652	4.5368279	5.2994020
## 253	4.1605670	6.0620812	4.1666784	2.7558845	2.4889011	3.8737249
## 254	3.0547494	5.8704732	5.0395844	4.0475137	3.8771949	4.5188158
## 255	4.6288971	7.6153773	3.5718654	3.2533335	2.5752346	4.9593058
## 256	3.6883193	7.3916832	5.1751080	4.1968308	4.8781103	4.2653913
## 257	4.2970049	7.0096654	4.1783385	4.5782343	3.7215679	4.3764043
## 258	3.6185560	6.7768917	4.4607021	2.6596969	3.0111824	4.0858551
## 259	3.1650721	6.2082904	3.9405824	4.4523376	5.1486818	5.0904265
## 260	5.3686914	5.8309765	4.3525681	3.9046197	3.6537673	4.2242894
## 261	4.6920870	6.6229019	3.1679741	3.9790542	3.0376904	4.1394000
## 262	3.5852373	6.3026371	3.4164145	4.8755644	4.3073561	5.2973269
## 263	4.2093648	5.4042351	4.4439367	5.5677211	5.5587119	5.3793341
## 264	4.5920765	7.6089683	3.9862997	4.5622146	4.1954417	6.1455001
## 265	4.5592960	6.8930715	3.4769144	4.1233764	3.7794127	4.6508969
## 266	4.7086967	7.0322315	4.2997370	4.8045565	4.8103130	4.4581800
## 267	5.2730268	5.7970111	4.9406772	5.7697431	5.4909623	3.7753289
## 268	4.0770020	7.0589545	3.1548813	4.5652778	4.4192084	4.8448741
## 269	3.6604936	7.0664547	4.8172053	3.7764104	4.7365200	5.3878522
## 270	4.0284120	5.2627148	4.2838657	3.6034264	4.6862745	4.9077634
## 271	3.9648357	4.7139649	5.5114034	3.8959630	4.9620637	3.5231077
## 272	3.4956497	5.8541179	4.3092408	3.9058562	4.4589796	5.1919515
## 273	4.2578277	6.0178624	3.8995376	4.8530434	3.7723245	4.5676241
## 274	4.8845624	7.2293475	3.5896755	4.0782510	3.7004717	4.6480009
## 275	4.1991912	6.1083125	3.7473285	5.2003953	5.0414712	4.4278203
## 276	3.7235506	7.2951490	5.5011882	3.5894892	4.1714775	4.9056591
## 277	4.5917248	7.6666260	4.4334752	4.9521993	4.0165702	4.9239476
## 278	5.2102709	7.0848880	3.4346171	5.1673250	4.1216211	5.0675838
## 279	2.5376883	6.5515573	3.8869131	4.7832811	5.2898958	5.5996450
## 280	3.8949242	6.4975752	5.6804193	3.7707004	4.9418580	5.4656099
## 281	4.9464785	6.2168020	3.6402687	4.5057870	4.3841170	5.4142028
## 282	6.0152614	6.2228119	3.8949982	5.9064749	4.3532335	3.3082605
## 283	5.7631836	4.9173964	5.6891769	5.7992897	5.8814328	3.2975274
## 284	5.3122133	6.1496193	3.6998475	4.8572952	4.0225777	3.8856515
## 285	4.3853154	7.5462615	3.2306561	4.3174385	3.9544386	4.9544411
## 286	3.6151816	6.0471654	3.9732140	3.6006214	4.4292890	5.1149564
## 287	4.7247214	6.9138122	3.7132463	4.1821222	3.3788142	3.8311399
## 288	5.0528585	6.4658376	6.4938735	3.6591035	5.5799310	6.6706657
## 289	3.9838926	7.3278330	4.4860234	4.5190552	4.4748612	5.2289619

## 290	5.4224755	8.7719820	5.0912841	6.2293141	4.9838639	6.2241040
## 291	4.5925630	7.4824420	4.5756147	3.7009149	4.3628796	5.8890630
## 292	4.8802262	6.8570214	2.9941282	4.7137816	3.3960026	3.9755300
## 293	4.8689716	6.4804507	5.2883806	3.8010484	4.7556930	4.5461829
## 294	4.3355047	5.9390924	3.8416792	5.0085216	4.8442863	4.5702761
## 295	4.8556155	7.4130386	4.9423745	4.3571393	3.9385904	3.8358285
## 296	4.3796082	7.0667103	3.8649572	4.7256263	4.3062401	4.9925889
## 297	6.8579925	8.6113121	8.0483187	5.2520484	7.1592861	8.3524673
## 298	5.7459784	6.9235274	3.8176483	5.4327824	5.0091501	4.4695727
## 299	5.4475879	6.1039138	5.0720347	4.1032496	4.3453571	4.0527973
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213 3.1093562 4.9667485 5.6165672 3.9354238 5.4146640 5.8251552
214 5.6975814 3.7721838 4.5894215 5.8552892 4.7227168 3.1994045
215 3.2896848 3.9928936 4.0371385 3.5620933 4.5452390 3.9959783
216 3.8770168 4.9484180 4.8732621 2.4489582 4.9626143 3.7697646
217 4.6350714 4.2409650 4.3178782 4.0985321 3.9751792 3.9950501
218 9.7248621 9.0669986 9.0067837 9.6454287 9.2645642 9.4212506
219 3.3405057 3.0413593 4.2330363 3.4606966 3.0412208 4.0359411
220 5.2043355 3.2313667 4.1016589 4.8856273 3.5805161 2.5859490
221 4.2684642 5.2322555 5.2423059 3.1157422 5.2386269 5.0091513
222 3.1873801 5.1015186 4.3797231 3.5593735 4.9652168 5.8179436
223 3.2459108 3.8368362 3.3904616 5.0662035 4.6453529 5.2840142
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225 4.7985903 3.7809396 5.0307748 4.6304662 4.3312673 4.4042177
226 5.3239726 4.2145630 5.8069942 4.4738577 4.9633018 3.9221314
227 2.6300857 4.5224398 4.1755866 4.0057115 5.0153014 4.9800774
228 4.8290658 5.2012959 4.3731315 4.8006772 3.9621915 4.8201602
229 5.9864528 5.5783535 5.7328397 5.1311055 6.0542440 5.3418132
230 3.9568098 3.9442582 3.9866264 2.8179316 4.2384109 3.8184074
231 5.6183428 5.3979778 5.0874862 4.5005529 5.8218605 4.5264213
232 2.5029053 4.9209793 4.7327230 2.5608272 5.1652245 4.8014579
233 3.8896486 3.3512735 2.3564567 4.3676468 4.1700047 4.5672097
234 2.3910151 3.7622350 3.5956407 4.3204080 4.1631643 5.0067333
235 2.2787477 3.7108242 3.4933767 4.2446839 4.1947518 5.0292171
236 3.4115998 4.3038285 4.8488715 3.8932961 4.8068235 5.0144301
237 4.5080594 5.5091422 4.9915417 3.7461763 5.1876376 5.6987027
238 3.5450813 4.6532924 4.4968486 1.7489929 4.8953484 4.2553834
239 3.8677658 1.8259103 3.2296591 4.0358126 2.0512071 3.5326114
240 2.0644647 3.7966171 3.4525244 4.0240478 4.3674754 5.0856988

## 241	5.4413279	3.9614527	5.4285746	5.2745490	4.6249868	3.9748102
## 242	3.3055331	4.2322188	4.9152581	3.5730157	4.3079951	4.2064241
## 243	3.8475139	4.4545492	3.8402810	4.4275704	5.1662047	4.5684191
## 244	4.0178357	4.1234083	3.6666708	4.0472698	3.3878718	4.3628581
## 245	4.3404137	3.3170379	4.2317497	3.5699821	3.8795566	3.3197787
## 246	3.3634662	2.5630853	3.6352404	3.6891536	3.2617546	4.2100266
## 247	4.8030178	4.9346240	4.6456721	4.2044046	4.4335315	4.8227496
## 248	3.8419822	4.4928923	4.3035372	2.6419067	4.8013715	4.4414963
## 249	4.0410257	4.5942987	3.7783813	4.7424609	4.8201898	5.0780430
## 250	4.9720463	2.8868740	3.9814848	4.2348645	3.9658205	2.4019956
## 251	5.6662219	4.5861112	4.4504451	5.4066832	4.0133420	3.6239541
## 252	4.8484186	3.0993775	3.2407177	4.2310344	2.8593956	3.7083515
## 253	4.4498044	4.2797710	4.1730290	3.8463684	5.0618255	3.2228531
## 254	4.8923527	3.8254280	4.8501445	3.9765838	4.3576912	2.1305159
## 255	4.1004508	4.0258300	3.6666002	4.5183751	4.4721023	4.6618773
## 256	3.9783342	4.1263024	4.5392933	5.4358119	4.4259914	4.6827030
## 257	3.9567796	3.4221181	3.1920544	3.1105480	3.6443554	3.9945296
## 258	4.5412860	3.9529855	4.4557311	3.8571846	4.2871954	3.2075686
## 259	4.3239077	3.0907755	3.5236768	4.6147564	3.9034373	4.0285643
## 260	3.1339628	4.2570947	4.2193100	3.8509276	5.0739091	4.6701068
## 261	3.6651367	4.0124131	3.3068032	2.6473565	4.4050438	4.2740200
## 262	3.5076332	2.6638128	2.7810425	3.7745982	3.2643018	3.8548552
## 263	4.5674575	4.3888065	5.2239614	4.4626899	4.8743959	4.6616310
## 264	4.2513360	2.7590874	3.6103470	4.3968122	3.0256404	4.7033304
## 265	4.2807822	4.0489477	4.1402900	3.2023830	3.7316060	4.2780519
## 266	2.7384398	3.8823428	3.5118954	4.6788545	4.3914112	5.3390301
## 267	4.3309488	5.4588242	5.2389055	4.5800191	5.4441713	5.1190116
## 268	4.0283084	3.5043881	3.5442497	4.0450937	3.5788581	4.7226751
## 269	5.1206164	2.5532928	3.1328167	4.7636705	3.0636122	3.2432598
## 270	5.0621079	3.6675595	4.2067479	4.4860436	4.4269068	3.2381754
## 271	5.0532724	4.8134443	5.4818720	5.3849894	5.4866840	3.2561756
## 272	4.8898101	2.6951838	3.5112130	4.2057148	3.3419826	2.5187092
## 273	3.9915356	3.7244366	3.6421205	2.8030075	4.1765319	3.5917679
## 274	4.4300451	4.2153343	3.0379564	3.8129703	4.6542606	4.5389293
## 275	3.0771429	4.0714114	4.3164015	4.2851960	4.1522316	4.8506044
## 276	5.3065696	3.7771458	3.7794763	5.1617729	4.5449059	3.1606898
## 277	4.0273434	3.8028467	3.5562285	3.2752042	3.5782681	4.4858983
## 278	4.6174455	5.0071545	4.9093618	3.1584422	4.4531378	4.9048019
## 279	4.6014948	2.2057089	2.8898100	4.8200602	2.2903300	3.3468005
## 280	5.0004514	2.4671628	4.1432640	4.7872723	3.7804439	3.4193377
## 281	4.6210318	4.5178023	5.2461802	3.6384983	3.3060298	4.2924326
## 282	3.8193834	5.8107720	5.3041248	3.4536843	5.5811246	5.6283076
## 283	5.3044681	5.7189744	5.6137461	5.4784031	6.5175609	5.3277775
## 284	2.9944278	4.8367595	4.6348221	3.3527008	4.3422979	4.8854507
## 285	3.4064392	3.3709536	2.4567922	3.9538054	3.8914573	4.9874766
## 286	3.7257772	2.3553445	3.7401138	4.2068531	3.4818381	4.0624256
## 287	3.6328366	4.0769008	3.6370450	2.7324451	4.2720733	4.5622152
## 288	6.0098354	3.1689288	5.0547198	6.0664373	4.7129449	4.0388408
## 289	4.6314667	3.2544496	3.8068126	3.8930291	2.7127246	3.8030301
## 290	3.8407169	4.4670399	4.6723559	4.1301944	4.1181531	6.1098158

## 291	5.3565385	3.0578878	3.3224218	4.9251859	3.3834339	3.8376834
## 292	3.8524166	4.5727711	3.7116812	2.5140320	4.5100894	4.6249817
## 293	3.9393725	3.8843838	4.6508476	4.6957565	4.4774083	4.6332328
## 294	2.8466385	3.9386544	4.4303768	4.1687203	4.2183838	4.8374520
## 295	4.3669044	5.1876931	5.1856892	4.5391846	5.0740897	4.7253763
## 296	4.6548402	3.7608899	3.2479532	3.9921122	3.1658271	3.8774782
## 297	7.4786421	5.1347395	6.7037294	7.7954514	5.6973684	6.1932556
## 298	4.6869311	5.5271999	4.6356244	4.8722307	4.7452808	5.3311486
## 299	3.6958523	4.3762319	4.5129064	4.4943206	5.2091140	4.9502772
##	211	212	213	214	215	216
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219 4.2106872 5.3244822 4.6086847 4.2780505 3.0808390 3.6656071
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226 5.9114848 5.9370532 5.2556757 5.1276884 5.1931548 4.6832440
227 4.3783022 4.7633623 4.7097744 4.8487175 3.3968544 3.9810630
228 5.5697218 4.3917555 6.1516342 5.2640233 3.5281569 3.7289709
229 6.1115614 6.8907009 6.0242161 5.4929334 5.5819515 4.8956041
230 4.4257938 5.5121371 4.3633899 4.7392237 3.7526143 3.1899565
231 6.3056616 6.0269209 6.5846225 4.1856705 5.1454616 4.4323522
232 3.9282119 3.8453385 3.4906699 5.5776152 3.8022498 3.0599390
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234 4.3154663 4.1203629 3.4984664 5.1327461 3.3732957 4.2553011
235 4.6033536 3.7105563 3.4952403 5.2125081 3.3907970 4.2626557
236 4.5856922 4.7602890 3.7150950 5.2325631 2.1483231 3.2955019
237 5.1172896 3.8380905 4.4682474 6.4833029 4.0925707 3.4943932
238 4.4796130 4.7723802 4.4427130 5.0834765 3.2605025 2.2566838
239 4.8490253 5.3594876 4.9929832 3.7844954 3.7129714 4.2650683
240 4.6413755 3.5946340 3.6181252 5.1690489 3.3299510 4.1332775
241 3.7533327 6.1048314 4.4617716 5.0272001 4.5230587 4.6386968

## 242	2.8515942	4.4250955	3.7671030	5.1195658	4.2620737	3.7614394
## 243	4.3752704	3.5685425	4.1865096	5.3702985	4.2308705	4.1801629
## 244	5.1317602	4.6131357	5.2101427	4.6668302	3.0453705	3.4281342
## 245	4.0731224	4.6428586	4.4577223	4.3907083	3.8380369	3.4297139
## 246	4.2720508	5.0118240	4.4820772	4.2126112	3.0849031	3.8808959
## 247	4.9028533	5.3797766	4.8826382	5.0316178	4.3846031	4.0428523
## 248	4.2299108	5.0091407	4.2043920	5.0422055	3.4453590	2.7019510
## 249	4.4828754	3.6180196	4.0522866	5.9233907	4.5917599	4.5913171
## 250	4.9009491	5.2014898	5.3421057	3.7649634	4.4290796	4.1149545
## 251	4.8555315	5.2321623	5.3698303	5.1838948	4.3647618	4.2958910
## 252	4.7588335	4.9077934	5.1729006	4.8079930	4.7344495	4.4359095
## 253	4.3658162	3.3292870	4.5461252	4.4415698	2.5629667	2.3026752
## 254	3.8344823	5.0681938	5.2673320	3.5606777	3.6668621	3.0312831
## 255	5.5015690	3.2154203	4.8408259	4.9362816	2.6554809	3.6314502
## 256	3.1393374	4.4334421	4.8471232	4.7225382	3.6949019	4.6290422
## 257	4.7738652	4.7212474	3.8860291	4.9191339	3.8819017	3.4260106
## 258	3.3814117	3.8667438	4.7730700	4.3480371	3.2015486	2.7926835
## 259	4.5642052	5.4439468	5.6908206	3.9609395	3.5529030	4.4333036
## 260	4.4093768	3.1647170	2.9578288	5.6391158	3.9952456	3.9280005
## 261	4.7530004	3.7028530	4.1903894	5.1584662	3.3511847	2.8759408
## 262	5.2891339	5.1576350	4.6743256	4.1325046	3.0977394	3.8919458
## 263	5.0063974	6.3469657	5.9834480	3.4043136	4.0690656	4.4660257
## 264	5.9381285	4.9752467	5.1974902	4.9121477	4.5019592	4.8956486
## 265	4.5447876	4.3066945	4.9369559	5.1884658	4.2466818	3.5636434
## 266	4.3632860	4.3533726	3.6767281	5.4444444	3.6491577	4.6702719
## 267	4.3241124	5.1745477	4.7001507	5.0044835	4.7465126	4.3374883
## 268	5.1186808	4.7865757	5.5306274	4.5929377	3.8347440	4.2145293
## 269	4.8140262	4.9675011	5.1128814	4.4859068	4.7222921	4.6767620
## 270	4.6929632	4.8286581	5.4842796	4.3880064	4.2783971	4.1101732
## 271	3.2382231	4.3886736	5.3252642	4.2873738	4.2600988	4.0591393
## 272	4.8456354	4.8743692	5.2551584	3.9711049	4.4278780	4.1262889
## 273	4.9833093	4.8203787	4.4737392	4.6119510	3.7591282	3.1148754
## 274	5.2925514	3.7147419	4.9513970	5.3955003	3.9643984	3.7750138
## 275	4.1127716	4.6508771	5.0425561	4.8117514	4.0489949	4.4549007
## 276	4.6364064	4.6978584	4.8373074	4.5104602	3.7757584	4.0130196
## 277	4.7649780	5.0494302	3.8757490	5.4548949	4.1451137	3.7630118
## 278	5.2415132	4.7015007	5.7260092	5.6853002	4.7649571	3.7716553
## 279	5.0382820	5.5763133	5.8188005	3.6001177	4.0645189	4.7032479
## 280	4.3727705	5.7593706	4.3155194	4.5490447	4.6129742	4.7465285
## 281	4.7107235	5.0983893	4.8005379	5.6426303	4.5898880	3.8211902
## 282	5.2606787	4.0464437	4.7932230	6.1494829	4.8628613	3.7606848
## 283	5.4458984	5.4101661	5.5241710	5.6273175	5.3197037	4.9404635
## 284	4.0759424	3.6931730	3.1770341	5.9351557	4.1395704	3.5361542
## 285	5.1923936	4.3809075	4.5325192	5.0641684	3.0331221	4.0628762
## 286	4.4044118	5.1618620	4.5214786	4.1521214	3.2093697	4.1946018
## 287	4.3871931	4.2555460	3.6855223	5.3390168	3.4304199	2.9644734
## 288	5.6685175	6.1822518	4.9003302	5.3083392	5.5007424	5.8411128
## 289	4.5362762	5.1671219	4.7807445	4.9166265	4.6476049	4.2098048
## 290	5.6157479	6.3680678	4.3240061	6.2788933	4.4835613	4.9538858
## 291	5.7660459	4.3915380	5.4399794	5.0326240	5.1472983	4.9668223

## 292	4.9347457	4.0077609	4.6811399	5.3760025	3.6779650	2.8471110
## 293	3.3843102	4.3941406	3.4650368	5.5402276	4.6710895	4.7253464
## 294	4.1042862	4.5961865	4.7281508	4.8368384	3.9413191	4.4051572
## 295	3.6043866	3.3283859	4.9824439	5.4913443	4.4692205	3.9049758
## 296	5.2939631	4.6963872	4.7114672	5.1312521	4.3655205	3.9309061
## 297	7.0128914	7.6410656	5.8068780	7.3798378	7.1752770	7.5986143
## 298	5.4809091	3.7217416	5.2403898	6.2980060	5.2132520	4.6460111
## 299	4.3356378	3.9850980	2.8587158	5.7731422	4.3183572	4.3641004
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227 5.6182812 9.4582027 3.4688601 5.4449448 4.0401599 4.1952040
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230 3.6423040 9.4190835 3.7529548 3.8021579 3.1103424 4.5459145
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236 3.3437291 8.9883179 3.7315678 4.3084148 4.7846695 4.6932106
237 3.1054409 9.1991760 5.0494328 4.2631183 5.1222485 3.2301152
238 4.5230961 9.4272174 3.2053869 4.7319172 2.6331685 4.0460576
239 4.0079416 9.0263405 2.2306606 3.4110459 4.6164579 4.7755638
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241 3.2614165 9.7117231 4.7236665 2.2417677 5.3416873 5.7555099
242 4.8555193 9.7393317 3.0680189 4.1179203 3.8638380 3.4232948

## 243	5.0074301	9.5785069	4.4117106	4.6561626	4.4099769	3.2554241
## 244	2.6229264	8.7654271	4.0121359	3.6782068	4.9177559	4.5515914
## 245	4.5095477	8.8938632	2.4945429	3.6109115	3.6839847	4.2418917
## 246	4.6425164	9.0008330	1.3973595	3.8972314	4.1278550	4.2524536
## 247	4.5644664	9.5477620	4.0935293	4.5892215	2.5072003	4.7115175
## 248	4.4690949	8.6335778	3.3984305	4.4723608	2.4406508	4.0090650
## 249	4.7007392	9.7785214	4.6774892	4.4563485	4.7508813	2.8278561
## 250	4.5317550	9.1406315	3.4683860	3.5267346	4.5034122	5.1448202
## 251	2.8572119	9.9646574	5.0286360	2.9495784	5.1786264	5.5437663
## 252	3.7483228	9.5544827	3.7830140	2.6360307	4.7168262	4.0056340
## 253	3.5279763	8.9378108	4.0364372	3.6221969	4.2453471	4.3409642
## 254	3.5890781	9.0750831	3.7630970	2.7072531	4.4776006	5.3021087
## 255	3.6072050	8.4293624	4.0283731	4.2947121	5.4088093	4.1537859
## 256	4.8502378	9.6839360	3.9290229	3.7291306	5.4934217	4.3764021
## 257	2.7787308	8.5684937	3.8650093	3.3173579	3.6414058	3.6493254
## 258	3.6458239	9.2686974	3.3993707	2.5473503	4.3898170	4.0974700
## 259	5.5535662	9.8241946	2.4266773	4.2402772	4.4769713	5.0549672
## 260	4.3714031	9.6083756	4.1777377	4.6083146	4.5082775	2.7974288
## 261	3.9539545	9.1824429	3.4685744	4.0940853	3.4713784	2.9514488
## 262	3.7498138	9.1170484	3.0784895	4.0750110	4.2678138	4.7589467
## 263	6.1338414	9.2698152	2.8518449	5.3811549	3.3215384	5.9350336
## 264	4.1385893	8.7236401	3.4882989	4.1728905	5.6536269	4.4075274
## 265	4.4577232	9.3334924	3.0128667	3.8552619	4.0688129	3.3657059
## 266	4.8020318	9.6702116	3.8174618	4.7005655	4.7545207	3.4397193
## 267	5.5232210	9.2750780	4.5786366	5.3455470	2.7519847	4.5211063
## 268	5.1821720	8.6901936	2.5414143	4.5075073	4.6143705	4.0820956
## 269	3.8841067	9.4630326	3.8468916	2.4590671	4.9052926	4.4709095
## 270	5.2636871	9.6763521	3.2621130	4.0493741	4.3990092	4.9004080
## 271	5.3922510	9.4456460	4.3464680	4.1774383	5.0493148	5.2236389
## 272	4.1238160	9.2888864	3.3953525	3.0448309	4.5460562	4.6926088
## 273	3.5231195	8.9476572	3.7509520	3.9210124	3.5625866	4.2189930
## 274	4.4555750	9.5052180	4.1439958	4.2834836	4.3002352	3.2863936
## 275	5.6341715	9.6900873	2.8648933	4.8872878	4.7053777	3.8791412
## 276	2.7407457	9.3514177	4.9222250	2.4481949	5.0622285	5.1523024
## 277	2.6326092	9.3187950	4.0904824	3.3169665	3.8978076	3.6935898
## 278	5.1352299	9.5643048	3.5957003	4.8434376	4.4395374	3.8366414
## 279	4.6515731	9.5139779	2.7849819	3.5023138	4.8658303	5.2238578
## 280	3.8948099	9.4775680	3.8284441	2.6320438	4.7371734	5.1217941
## 281	4.3151558	9.8111518	2.8682742	4.2411779	4.2293537	4.5285111
## 282	5.3936206	8.2995892	4.6115981	5.9090192	4.2590688	3.1975626
## 283	6.5002467	8.0545238	5.3024358	6.2016978	4.8066695	5.3585495
## 284	4.0861056	9.5907051	3.8244499	4.6389680	3.8701114	2.6609923
## 285	4.3472017	9.2657645	3.2606945	4.3555899	4.4168378	3.6083133
## 286	4.7761123	9.2214987	1.7637678	3.9092401	4.4136912	4.6716005
## 287	3.7153777	8.8808323	3.4491857	3.9271104	3.1348428	3.0274315
## 288	4.6590303	9.8460099	4.8633364	3.8557813	6.0665660	6.1737186
## 289	3.4610312	9.4049930	3.5198810	2.7068673	4.4212317	4.0952954
## 290	3.7754591	9.7886271	4.4367329	4.7743772	5.0604634	4.8094832
## 291	3.9991643	9.1715665	4.3193069	3.3041166	5.6210317	4.2235213
## 292	4.2728648	9.0135595	3.6208637	4.4881081	3.3580986	3.0461661

## 293	4.7520615	9.9965624	3.8738061	3.7849746	4.8369540	3.4454906
## 294	5.5007685	9.6833540	2.7669935	4.8659160	4.7411987	3.8508646
## 295	4.6223495	9.5215042	4.5561535	4.0023810	5.2742861	3.2777823
## 296	3.0710074	9.0474695	4.0832792	3.5246898	4.2097050	4.1300291
## 297	5.6024135	11.0333705	6.5552558	5.2494325	7.6911239	7.4561804
## 298	5.1718631	9.4681291	4.8439454	5.3785734	5.0287693	3.4907243
## 299	4.5388322	9.2382559	4.4486718	4.6249811	4.5636272	3.4047002
##	223	224	225	226	227	228
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226 6.3900345 5.4010883 5.4747604
227 2.8843011 3.2540344 5.0329618 5.6062609
228 4.8208219 4.0870370 5.6999490 6.5023168 4.6144467
229 6.1281570 5.0463253 5.8992979 5.2376389 5.1569862 6.5760905
230 4.7186845 3.3557402 4.0487436 4.1643411 3.9230834 5.1371640
231 6.1149718 3.7770388 6.3663351 4.6430715 4.5739701 5.9046624
232 3.7793535 3.1124648 4.7037509 4.7913065 2.4580703 4.9406521
233 2.4740184 2.7307393 4.2339749 5.7977191 3.0778490 3.9166294
234 1.3256355 3.8863450 4.1833344 5.6412608 2.2817675 4.2441487
235 1.5565655 3.9375093 4.4685147 5.4582449 2.4609076 4.2626944
236 4.4275472 5.2932581 4.5664639 5.2489675 4.7127180 4.5276030
237 5.2835309 5.1207850 5.2156176 6.4167243 5.7507120 4.5378376
238 4.5574920 2.1468979 4.3321022 4.3272026 3.1470950 4.5400591
239 4.3694031 4.2886892 4.1228230 3.7420378 4.1056093 4.5310431
240 1.7960653 3.8194203 4.6866111 5.4080756 2.1947679 4.3566010
241 5.4799061 6.0067029 3.3133368 5.1942950 6.1731874 6.1763820
242 3.7768704 3.6161832 3.4917592 4.7272503 3.1911594 5.0318650
243 2.4163163 2.7986819 4.3167557 5.7309855 2.8966837 4.9559634

## 244	4.9029333	4.7935972	5.4226330	5.4128194	4.7211783	3.2115072
## 245	4.1118548	2.9129009	2.9616940	3.9084952	3.9219845	4.6732326
## 246	3.5097280	3.7758529	3.3112781	4.5924885	3.4853590	4.3944955
## 247	4.4076845	3.4183345	3.8361928	5.9630247	4.5699749	4.2093683
## 248	4.0844534	2.4749681	3.7177327	4.9491802	3.2929364	4.6332580
## 249	2.3079383	3.4704065	4.1009552	6.4271208	3.7354315	4.7427434
## 250	4.9457905	3.5191696	4.2307469	2.8334739	4.3888586	5.4873083
## 251	4.9840628	4.7151614	4.3378875	5.9828359	5.6946421	4.0493844
## 252	4.6224313	3.8595907	3.7790426	4.9412056	4.9814244	4.8489340
## 253	4.1181406	3.1150110	4.3278706	4.7462492	4.1548088	4.0292006
## 254	5.5963892	4.3725447	4.4889632	3.4695423	4.8445626	5.1169592
## 255	3.9399683	4.5464765	5.2533770	5.5333280	4.6070812	3.4606917
## 256	3.1586726	5.0334840	4.1794436	6.5808484	4.0448845	4.4970984
## 257	4.2186435	3.5850935	3.9051445	4.3202469	4.3006086	4.8001173
## 258	4.5213008	3.7135324	3.5407819	4.9894704	4.6315550	4.1560490
## 259	3.5091004	3.1258257	3.7176916	5.4425646	3.2962599	4.4830969
## 260	2.8259392	3.6200969	4.2750699	4.8460525	3.3306498	5.1955977
## 261	3.6031647	1.9818693	3.9561476	4.8897119	3.5198028	4.1531603
## 262	3.8945163	3.7838355	4.5676182	4.0148952	3.5337339	4.3546247
## 263	5.1041984	4.1748044	4.8312432	4.9078841	3.7761938	5.3045626
## 264	5.0140894	5.2274450	5.2551617	4.1121479	5.1073815	5.1494369
## 265	4.5833365	3.0984004	3.9068408	4.9026199	4.3380614	4.2780560
## 266	0.9177407	4.1516306	4.0632353	6.2540740	2.8278546	4.5877594
## 267	3.9849003	3.6463101	4.6499263	6.0585256	3.3946427	5.1138352
## 268	4.0549182	3.6145164	4.5623427	5.3355743	3.7318990	4.0934486
## 269	4.2785239	3.8682945	3.3923717	4.6916168	4.9823484	5.0828239
## 270	4.2417126	2.5673957	3.6631828	4.5404501	4.0594259	4.8511863
## 271	4.3339045	4.1074309	4.5210493	5.3029893	3.9383289	5.1225031
## 272	4.6812800	3.3722850	3.9727919	3.4329043	4.4795064	5.0163636
## 273	4.6946785	3.1352957	4.5511403	3.4760215	3.9001618	4.9343908
## 274	3.5460774	2.1474995	4.3273094	5.6836260	3.9925050	4.2783092
## 275	3.4590059	3.8832691	4.7298718	5.5140291	2.4776258	4.5779861
## 276	4.3270402	4.4362596	4.0377381	5.3732145	5.2474733	4.8386126
## 277	4.4481144	4.0716209	3.8178271	4.9329495	4.7439784	4.8492268
## 278	5.5734944	3.5301180	5.1666304	5.0942681	4.6541134	4.5896375
## 279	4.1785234	3.8272921	4.1957817	4.7033692	4.0439809	4.2970135
## 280	4.4691916	4.6840520	2.6019331	4.0955445	5.1627394	5.9992389
## 281	5.2777909	4.0402056	3.8654534	4.4316371	4.9690433	4.0124440
## 282	4.8584094	3.8140606	5.9989691	5.3853714	3.4583497	4.9664504
## 283	4.4742825	4.0773497	5.6983254	5.8312851	3.6220846	6.1574461
## 284	3.4816790	3.5400069	4.2332376	5.2341073	3.3529188	4.1449944
## 285	2.5817362	3.3563879	4.0795446	5.8359391	3.4939521	3.8864879
## 286	3.3714763	3.9286686	3.1144306	4.5197006	3.6632154	4.6455111
## 287	3.5375500	2.7108551	3.3534562	5.1681244	3.7466997	4.2710849
## 288	5.1501105	5.7790587	3.7866163	4.1988543	6.2080370	6.7948884
## 289	4.8558543	4.1604555	3.5851398	4.5363638	5.0090057	4.8633606
## 290	5.2202150	5.9573903	4.9689400	5.8452590	5.4474276	5.6223360
## 291	4.8239574	4.3414312	4.6105785	4.5464669	5.4784491	5.1691713
## 292	4.1513285	2.0351986	4.4685590	5.1972891	3.5736612	3.9713461
## 293	3.0939379	4.3908731	2.9024358	5.4766555	4.1678572	5.5639019

## 294	3.4814522	4.0932839	4.6613064	5.1729827	2.5831473	4.7800739
## 295	4.6527674	4.6074043	5.0281412	6.0878898	4.5746947	4.7167961
## 296	4.3849768	3.4578902	4.2314352	4.7541335	4.6385379	4.0513032
## 297	6.4613288	7.7798770	4.8454716	6.4873408	8.1390806	7.8430124
## 298	4.0504781	3.5496352	5.4562620	6.3396792	4.1038027	3.8721069
## 299	2.6839208	4.1189809	3.8705989	5.3283873	3.7143383	5.4779588
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234 5.5870522 4.2257382 5.6058029 3.0520138 2.6471421
235 5.8642770 4.3744250 5.6003770 3.0068869 2.6452345 0.7182419
236 6.1651991 4.4446773 6.3347842 4.5310742 4.2518064 3.8875767
237 6.6923914 4.8405257 6.6613038 4.6056522 4.9958973 4.9826943
238 4.3462706 2.4196621 3.5305664 2.2364406 3.5616051 3.9080359
239 5.2035587 3.2652899 4.7479705 4.3169594 3.6740964 3.8532581
240 5.7284689 4.2878818 5.3846861 2.7362164 2.6382481 1.0877869
241 5.9563277 4.1882230 6.6840820 5.6037163 5.6309190 5.3411193
242 5.3080519 3.7414246 5.0936445 2.3193736 4.2132854 3.2247557
243 5.4934571 4.1436646 4.9924984 2.6610882 2.9541517 2.5398992
244 5.8144583 3.7376403 5.4130606 4.6452687 4.3313587 4.3291860

## 245	4.6150486	3.5307791	4.5536636	3.4512082	3.3252690	3.7182337
## 246	5.3570759	3.8892368	5.2786170	3.8604218	2.7555074	3.1276545
## 247	5.6449064	3.9319072	4.6439824	4.2364946	3.8964563	4.0535613
## 248	3.4650293	2.5136454	4.0658197	2.7511209	3.3419606	3.5939492
## 249	6.0994278	4.5263383	5.8941164	3.3718924	3.2270975	2.6181395
## 250	4.5018143	3.0588199	3.6255537	4.0331026	4.0774068	4.5994782
## 251	6.2135047	4.1428321	6.0436866	5.4067818	4.7391114	4.7897861
## 252	5.5657306	3.3919474	5.1088934	4.3989348	4.0320080	4.5203801
## 253	5.3664436	3.8891663	4.7598610	3.6618107	3.2782725	3.8671189
## 254	4.8032703	3.0977653	4.3160195	4.2322577	4.9681662	5.1229979
## 255	6.4753814	5.0508829	6.0284217	4.6464983	3.2195817	3.6468428
## 256	6.7982258	5.3104133	6.8020003	4.5431808	4.0245810	3.2651151
## 257	3.9984440	1.7760815	4.2759589	3.4830021	3.7339802	3.8244486
## 258	5.7990697	4.1108198	5.4460081	3.9979645	3.8957017	4.3222497
## 259	5.7634468	4.2629826	5.1062725	4.2802562	2.3087033	3.5160792
## 260	5.7974093	4.0604204	5.2323034	2.3496256	3.4725382	2.5170458
## 261	5.0157736	3.0893178	4.3255924	2.7037781	2.5049918	3.3333230
## 262	4.9180075	2.6440982	4.1991510	3.9095117	3.0502627	3.3401241
## 263	5.4405517	4.4170165	3.9052893	4.4418848	4.2178664	4.5716828
## 264	6.1076924	4.4173568	5.5790301	4.8635511	4.3940590	4.5506038
## 265	5.5486875	3.8769908	4.9895780	3.5179735	3.7167426	4.2060677
## 266	6.1671138	4.4805808	6.1116894	3.5023275	2.6698183	1.1260453
## 267	5.1251713	4.1654536	4.2347863	3.2231525	4.3666665	3.5359692
## 268	5.5667952	4.4658887	5.2068528	4.1068764	2.9647762	3.7264921
## 269	5.4714247	3.5838795	5.1406855	4.6164025	3.7268346	4.3076777
## 270	5.4131870	4.1618723	4.5692210	3.9820670	3.1604120	4.1065035
## 271	5.6663849	4.9490789	5.3777249	3.9488655	4.5607829	4.0989723
## 272	4.9158125	3.0937312	4.0154603	4.0515343	3.8173236	4.3955276
## 273	3.9378004	1.4276805	3.1854751	3.0775863	3.8664795	4.1365069
## 274	5.7107958	3.9296556	4.8478436	3.5383801	2.3333268	3.6292840
## 275	6.0001735	4.5443636	5.3226096	3.1464930	3.6150869	2.9777090
## 276	5.6141620	3.7444262	5.5550405	4.9700778	4.0509641	4.3919030
## 277	4.8908884	2.1789920	5.0147924	3.8550510	4.1389252	4.0876421
## 278	5.8687980	4.2940818	4.8787047	3.7079161	4.5885936	5.0282318
## 279	5.5100881	3.6584688	4.7580334	4.6810279	3.2604194	3.9280644
## 280	5.0687035	3.3324765	5.4489440	4.7515227	4.3167879	4.4005754
## 281	5.9485800	4.1879012	5.5196392	4.1340785	4.6864176	4.4964584
## 282	4.6624985	4.3058890	4.5318068	2.2803370	4.8063571	4.0246554
## 283	3.8434709	4.9340814	4.7692418	3.8429428	4.6164110	4.1253230
## 284	5.5552494	3.7371549	5.2639583	2.1678687	4.0091782	2.6423049
## 285	5.9010725	4.0578775	5.5223829	3.9318877	1.4358401	2.6127309
## 286	5.5649868	4.1164055	5.4472746	4.1525919	2.6686439	3.0915298
## 287	4.5944628	2.9154647	4.8002650	2.9509414	2.8820144	3.2190039
## 288	6.2365673	4.8923773	6.4140901	5.8716386	5.1017436	5.1082050
## 289	5.2566457	3.0588234	5.1101518	4.2672270	4.3891916	4.5192333
## 290	6.1960154	3.8212479	6.5246494	5.0905054	5.1906235	4.7181477
## 291	6.0677264	4.3831486	5.3712519	4.8732034	4.1406167	4.7318772
## 292	4.8136646	3.1543740	4.1939094	2.7201973	3.0532757	3.7237024
## 293	6.1789382	4.5403384	6.2289342	3.5764975	4.0464907	3.1214813
## 294	6.0346743	4.5051879	5.3640137	3.0644401	3.6988199	2.9225794

## 295	6.5529663	5.0658947	6.1265076	3.7257168	4.9138030	4.3933984
## 296	4.8646974	2.8221816	4.5764622	4.0591100	3.7523564	3.9510374
## 297	8.1977228	6.8067241	8.7545947	7.7579104	6.8394619	6.4715961
## 298	6.1640146	5.0103701	5.5868975	3.6337421	4.1632170	3.5608648
## 299	5.4482635	4.2566096	5.7100423	3.0961059	3.6847962	2.4986168
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240 0.6227737 3.8320612 4.7185715 3.7380220 3.7847061
241 5.4938222 4.0518957 4.7901874 5.3965606 4.2114822 5.6226922
242 3.3469258 4.8871558 4.9262848 3.2266416 3.7195408 3.2758274
243 2.5578827 5.1699576 5.1589079 3.5591859 4.7046644 2.5378441
244 4.2812910 3.3029514 3.6090353 4.3623852 3.2543533 4.2372186
245 3.7665915 4.5353252 4.8371061 2.8110635 3.1861046 3.7526671

## 246	3.1433580	3.6060154	4.6228948	3.4319932	2.2844227	3.0603781
## 247	4.2828358	5.0694777	5.0653497	3.6965684	4.6650929	4.4692849
## 248	3.8345211	4.3081444	4.4672133	1.6759706	4.0495722	3.7005610
## 249	2.6967594	5.1984030	4.6516496	4.2619046	4.8750076	2.8355875
## 250	4.5460939	5.2663451	5.8058474	3.4201604	2.7148113	4.4724000
## 251	4.9620310	4.8141979	4.9825462	5.0696412	4.6091976	5.2630306
## 252	4.5121907	5.2252828	4.3475075	4.1330847	2.7568913	4.4809834
## 253	3.7591418	3.4745077	4.0317481	3.1570876	4.4060225	3.7492766
## 254	5.1276703	4.3367749	4.8408459	3.6694123	3.1821456	5.0158428
## 255	3.3127676	2.6932278	3.5371760	4.5128538	4.1555967	3.3006880
## 256	3.4111754	4.2181287	4.6873980	5.2236969	4.2427546	3.4613749
## 257	3.8757095	4.0964047	3.9072609	3.0519943	3.0713076	3.8286179
## 258	4.2916535	3.8046019	3.3783054	3.6394613	3.7528420	4.2224103
## 259	3.6282885	4.8645689	5.6763530	3.7201219	3.0785359	3.5695754
## 260	2.2297139	4.3037993	4.6537723	3.4896710	4.4482131	2.2319460
## 261	3.2200470	4.1277448	3.6566410	2.0980396	3.7806129	3.0610933
## 262	3.2894477	3.7440249	5.1917634	3.3810161	2.2067110	3.2967461
## 263	4.6804240	5.1529457	6.4260880	3.7089661	3.7300556	4.5480272
## 264	4.2446273	4.3398214	4.6436740	4.7505069	2.1094869	4.0950598
## 265	4.1358204	4.8562227	3.8515612	3.0996986	3.3625036	3.9821489
## 266	1.3645702	4.0748820	4.8897653	4.3474492	4.1393188	1.6117592
## 267	3.8524690	5.6521840	5.8965720	3.7458127	5.1475603	3.8995888
## 268	3.6591242	4.6270766	4.6176941	3.7271656	2.9013242	3.4205291
## 269	4.3141732	5.2196643	4.9289473	4.3333622	2.8589593	4.3825390
## 270	4.1057447	5.3934946	5.6916462	3.3535893	3.7676305	4.1087199
## 271	4.2246512	5.3481638	5.9705227	4.3990117	4.8596428	4.2461060
## 272	4.3305159	5.1882890	5.3142688	3.5480534	2.4516753	4.2980306
## 273	4.0966017	4.4065583	4.7045491	2.3095957	3.0621749	3.9543176
## 274	3.4910546	4.8539658	4.0992519	3.1679548	4.2804711	3.3867184
## 275	2.9828920	5.0040317	5.3866053	3.8754763	3.3935646	2.7297575
## 276	4.4627339	4.1552836	4.6551071	4.6766757	4.3067342	4.6443109
## 277	4.1613757	4.1461923	3.6759394	3.5410491	3.3316436	4.1740468
## 278	4.8993757	5.4774684	4.3141314	3.2376009	3.9154669	4.6313699
## 279	3.9914724	5.0387515	5.7361504	4.2080707	1.6688822	4.0255050
## 280	4.5046539	4.6781726	5.3544548	4.4347327	3.0759925	4.6275921
## 281	4.5135955	4.8777580	4.7831744	3.6450310	3.6142007	4.6386171
## 282	3.9687666	5.4958578	4.9182221	3.1877863	4.9704326	3.6304891
## 283	4.3482726	6.2920748	6.8739614	4.2108902	5.7514090	4.2366807
## 284	2.6910251	4.4900958	4.3284959	3.2303276	4.3144473	2.8008826
## 285	2.5230860	3.6214430	4.0685794	3.6589264	3.4885277	2.4857536
## 286	3.1064700	3.6899386	5.0848489	3.7380956	2.5316100	3.1396405
## 287	3.3104043	3.8564302	3.4048402	2.4179905	3.8362106	3.2441430
## 288	5.0760524	5.3005789	6.4920504	5.6652594	4.2608882	5.3329362
## 289	4.5576091	4.8950178	4.2465565	3.9546110	2.5469136	4.5487761
## 290	4.7656941	3.7381380	4.3375141	4.9484388	3.7676699	4.7521754
## 291	4.5035511	5.4243503	4.7644276	4.7364270	3.2131665	4.4960545
## 292	3.6809244	4.5401447	3.6931339	1.9993270	3.9573497	3.4555018
## 293	3.1890094	4.8465275	4.8360589	4.4374508	4.1675444	3.3021131
## 294	2.8508274	4.7040427	5.3178231	3.8446781	3.2864006	2.5914589
## 295	4.3085215	4.9401902	3.7014632	4.5649573	4.7061948	4.1116111

## 296	3.9995464	4.8121043	4.5315802	3.6356486	3.3638126	4.1260237
## 297	6.5095975	6.4521714	7.4460694	7.7120349	6.1036228	6.9321623
## 298	3.5574591	5.9743979	5.2299638	4.3302152	5.1207326	3.6475497
## 299	2.5249683	4.4277258	4.9392265	4.0080283	4.7357584	2.6789656
##	241	242	243	244	245	246
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## 245 4.4688960 2.5193291 3.3237609 4.8322070
## 246 4.4999152 3.1060548 4.0155835 4.0798903 2.3070849
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## 247	5.3671029	4.1229417	3.9953421	4.8413518	3.6892920	4.2919449
## 248	4.9377571	3.2004121	3.3165907	4.4906333	2.5761417	3.2725487
## 249	5.5013780	3.3031547	1.5437311	5.1322424	3.7614655	4.2069879
## 250	4.5638512	3.5717084	4.0492616	4.7620196	2.4275982	3.4428727
## 251	3.9710936	5.1553413	4.8588456	3.7827258	4.7249301	5.2031516
## 252	4.1002308	3.5520930	4.1883767	3.9534212	3.1072123	3.3868819
## 253	4.5812391	4.1198847	3.3020319	4.1103610	3.1168688	3.8401096
## 254	3.4276819	3.8451506	4.9647294	3.7352082	3.3919955	3.8718818
## 255	5.1833007	5.0138258	4.3910221	3.3240354	4.2307068	3.5934615
## 256	4.4921675	3.5334266	4.0316710	4.3981948	4.2492128	3.4214828
## 257	3.8609736	3.7952059	3.8020241	3.3295517	3.2850011	3.6088686
## 258	3.7138686	3.2506121	3.9905974	3.9632085	2.5777939	2.9990866
## 259	5.3348635	3.5055814	3.7232940	4.8214718	2.6942744	1.9639165
## 260	5.2514070	3.0125925	1.8320887	5.0028226	3.3817154	3.8730633
## 261	5.1192884	3.3100305	2.6291027	4.1230542	2.5080412	3.0598323
## 262	4.7230297	4.3453319	4.2088777	3.0550883	3.7823959	3.1943341
## 263	5.9390903	4.0476011	5.0491130	5.3055836	3.5745948	3.1671093
## 264	4.9208909	4.5690074	5.3178933	3.5773228	4.0423253	3.0760707
## 265	5.0543421	2.7616903	3.8371285	4.3677649	2.1739541	2.6815511
## 266	5.2673701	3.5285109	2.6461180	4.5115286	4.0897077	3.3353646
## 267	5.9833543	3.3351119	3.1504718	5.5455592	4.0120611	4.6907520
## 268	5.6001210	3.5248822	4.1823088	4.2056369	2.8487575	1.7907228
## 269	3.8822242	3.6966620	3.8472209	4.4049522	2.8041076	3.3780802
## 270	5.3158293	3.2124901	3.1687319	5.4313095	1.6115038	3.0791660
## 271	5.1170705	3.1009225	3.3584825	5.5837991	3.3359810	4.3042403
## 272	4.3761479	3.4135720	3.8558316	4.3608729	2.3613622	3.2687283
## 273	4.6073719	3.8007926	3.8728186	3.6424636	3.2586258	3.7822606
## 274	5.6128772	3.8886913	2.5272644	4.6149227	3.0274783	3.5685062
## 275	5.8401163	2.3859470	3.5480901	4.6640821	3.4709646	2.6852249
## 276	3.2791397	4.9290707	4.1292052	3.9096986	4.1945053	4.6411654
## 277	3.7274398	4.0128184	4.2632375	3.2367246	3.8308867	3.9022864
## 278	6.0272201	3.3908075	4.6787028	4.6504836	3.2036631	3.5397365
## 279	4.7858362	3.9232301	4.4010125	3.8026262	3.2961714	2.7638978
## 280	2.7176797	3.8511088	4.3523357	4.8303877	2.9866653	3.4523788
## 281	5.0587712	3.2481844	4.7645413	4.5235643	2.8085192	3.5276966
## 282	6.6845263	3.3401843	3.7120018	5.0356589	4.0545249	4.5865749
## 283	6.7825546	4.1962089	3.2731193	6.5568749	4.0611998	5.0970002
## 284	5.3226291	2.5213011	2.7652283	4.3653836	3.5114426	3.9987980
## 285	5.2285463	4.1453073	3.3451254	3.8008470	3.5070356	2.5233879
## 286	4.4403245	3.3656930	3.9361987	4.4493046	2.3314983	1.0327260
## 287	4.5572266	3.2317218	2.9808688	4.0432042	2.5767111	3.0062140
## 288	3.8425219	5.1397822	5.1063166	5.9473613	4.0222228	4.6216640
## 289	3.6974731	3.3847014	4.5079085	3.7212986	3.0737060	3.3205839
## 290	4.4031237	5.2801928	6.0298475	3.3165593	5.4421584	4.3314670
## 291	4.7787824	4.2622606	4.2645519	4.5119473	3.3118067	3.8039217
## 292	5.5407170	3.3654783	3.1478648	4.0676214	2.8375983	3.3398615
## 293	4.3078648	2.2183261	2.8386278	5.3682063	3.0004054	3.3487053
## 294	5.6569557	2.3945096	3.6191647	4.6416643	3.4311192	2.5687765
## 295	5.0811519	3.0363257	4.0096549	4.5338213	4.0107961	4.1443181
## 296	4.5995291	4.1146309	3.8539353	3.5061877	3.5054881	4.1012746

## 297	4.7946118	6.8622192	6.9000413	7.1695653	6.0881805	6.4090712
## 298	6.6820395	3.7124793	3.0048057	5.1238860	4.1416692	4.8618826
## 299	4.9390414	3.2632333	2.1447388	5.3050755	3.4910430	4.0293084
##	247	248	249	250	251	252

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## 248	3.3763388					
## 249	3.7892497	3.7772032				
## 250	4.7243653	3.6907523	4.7613057			
## 251	3.8962922	4.8091994	4.4538861	4.7941449		
## 252	4.2500898	3.9567179	3.9034920	3.0306222	4.1109350	
## 253	4.0957180	3.2780106	3.8413895	3.7229472	3.9162761	4.3836086
## 254	5.1154985	3.9541137	5.4496497	2.6141128	4.3954830	3.5468406
## 255	4.9733424	4.5629829	4.3943444	4.9185983	4.6696707	4.7311762
## 256	5.1318072	4.8438650	3.7474994	5.1794707	4.9106465	4.3563497
## 257	3.7858323	2.6739265	3.8017750	3.1756619	3.7629906	2.6324268
## 258	4.3103993	3.5542650	4.0496816	3.6460663	4.2552449	3.1668539
## 259	4.3308675	3.6290021	4.1271247	3.4646143	5.2607467	3.6680760
## 260	4.2875357	3.6121857	2.4077898	4.0127370	4.9567962	4.3496257
## 261	3.4027880	2.1753375	2.9252921	3.4563630	4.5403142	3.2215554
## 262	4.3042303	3.6686805	4.5768795	3.1745018	4.1651221	3.7647999
## 263	4.2281410	3.9812550	5.7087134	3.9829095	6.2526635	5.0118095
## 264	5.6743659	4.9746744	5.3421435	3.7143791	5.6195459	3.2462210
## 265	3.9739200	3.1430087	3.8088925	3.4512014	5.0804211	2.4219648
## 266	4.2228634	3.9579379	2.3661544	4.9708293	4.8283787	4.4420483
## 267	2.6777246	3.4039999	3.5099809	4.7987935	5.0762388	5.0012335
## 268	4.6715867	3.6117628	4.3153991	3.8601516	5.7354437	3.3277758
## 269	4.1893787	4.0369869	3.6946029	2.5792097	3.8131334	1.3817874
## 270	4.0066024	3.4043582	3.8221229	2.5077532	4.9081970	3.5163472
## 271	4.9773794	4.2797468	4.0980718	3.9019874	4.9802753	4.8868625
## 272	4.3430943	3.7208725	4.2653793	1.1105568	4.2747364	2.1474042
## 273	4.1358157	2.7314017	4.4127978	2.4777010	4.3286707	3.2828871
## 274	3.6840640	3.0850411	2.6215329	3.8727049	4.6273924	3.3050402
## 275	4.8970718	4.0245525	3.8904408	4.1644908	5.9143289	4.0238783
## 276	4.3514937	4.3250907	4.0712210	4.0083325	2.2614594	3.8799632
## 277	3.7852904	3.2439916	3.9429605	3.8977880	3.5788845	2.6339048
## 278	4.7700771	3.7278378	4.8413261	4.0005526	5.9743451	3.3416537
## 279	4.4362394	4.2326816	4.5591368	2.8032621	4.3121425	2.7106436
## 280	4.5379867	3.9998613	4.4116281	2.7451172	4.1084152	2.8786796
## 281	3.6266115	3.8852831	4.6481401	3.9699567	4.4514307	3.6051541
## 282	4.9569989	3.3111114	4.2237097	4.7428045	6.2518613	4.9287072
## 283	5.2684181	3.5835464	4.3497855	4.6235964	6.3663170	5.9064346
## 284	3.4140722	3.2571893	2.6226933	4.4834041	4.3332685	4.1009566
## 285	3.9243856	3.4107445	3.1968759	4.4192195	4.7045974	3.7180230
## 286	4.3242448	3.5702650	4.1972333	3.3616915	5.0648525	3.6850879
## 287	3.1069310	1.7060973	2.9111009	3.8614219	4.2834096	3.2278370
## 288	5.4697693	5.4205983	5.2489005	3.6566425	4.7002842	4.4938360
## 289	4.1461730	3.7693356	4.2411014	3.0924287	4.0275268	1.1573745
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## 283 3.7097793 4.9326907 4.6312974 4.6622394 4.7350762 5.5838585
## 284 4.1073900 4.0998555 3.5815494 3.4753512 3.5180382 4.4963911
## 285 5.0214321 3.9649363 3.7952830 2.3296134 3.5687910 4.0344052
## 286 4.0926720 3.2022744 3.9143710 3.6258588 3.0552412 4.3538416
## 287 4.5080824 3.4844573 2.8229597 2.0716485 3.9464199 3.7254331
## 288 5.1490452 3.5945515 4.5896860 5.1866961 6.0504889 3.6592766
## 289 4.9367487 2.2807500 3.0187804 3.7509267 4.0558153 3.9349067
## 290 7.0129552 5.2103672 4.1639720 5.4710092 5.3324850 5.0464297
## 291 4.9810216 2.1014790 3.6356725 3.2652381 4.5412548 3.9449503
## 292 4.5946033 3.4138606 2.7229178 1.8447714 3.6507164 4.4471331
## 293 3.5246580 3.7075394 4.4868081 3.6643108 3.3307892 4.3152791
## 294 3.8175764 3.8667014 4.2522658 4.1233702 0.7208797 5.5150314
## 295 3.6453454 4.3883727 4.8211972 4.0908455 3.3057405 4.9863138
## 296 4.9792189 2.7579661 2.4572853 3.1552402 4.7111482 3.0969947
## 297 7.0781788 5.9017129 6.7264272 6.9272670 7.8348844 5.0183469
## 298 4.4130832 4.4576484 4.5665714 3.3819273 3.9962227 5.1183004
## 299 3.7986365 4.1826077 3.9501321 3.3914615 4.1719546 3.8725302
##      277      278      279      280      281      282
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## 284 3.4136078 4.0357559 4.4771177 4.5176149 3.1726339 2.9692425
## 285 3.4872849 4.2648335 3.4303879 4.1657006 4.4053358 4.6744027
## 286 4.1297013 4.1548678 2.7399973 3.1495270 3.6895991 5.0147204
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## 288 4.6258304 6.4956854 4.4671479 2.1970250 5.0951358 6.9205812
## 289 2.1901119 3.2975279 2.8242740 2.6548630 3.0889142 4.7393684
## 290 2.7777868 5.4972956 4.7280459 4.5527944 5.1142761 5.8534791
## 291 3.5611522 3.8813150 3.1980944 3.1764052 3.9883446 5.1759176
## 292 3.1119404 2.5133760 3.9944099 4.4539856 3.5450922 2.8784135
## 293 4.0188119 4.5138351 4.1909317 3.2325479 4.0145486 4.6437874
## 294 4.6919093 3.5665516 3.4206009 4.6374315 4.1044589 3.7060514
## 295 4.6380086 3.4653818 4.8250291 5.0474252 4.4176846 3.9173844
## 296 2.0279605 4.2571594 3.2205565 3.3612401 3.3658918 4.4547506
## 297 5.8545791 8.2918711 6.2707676 4.2156084 6.2099718 8.7327767
## 298 4.5824570 4.2782407 4.6974861 5.5358437 3.8804833 3.3742178
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## 294 4.7753470 3.4603166 3.5283809 2.8260260 3.9180247 5.7573949
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## 296 5.1762586 3.1321140 3.5201930 4.0993357 2.7549846 4.3489428
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## 293 3.5235558 5.3078564 3.7832519 3.9857019
## 294 4.0449598 5.1275455 4.4663555 3.7130040 3.1864648
## 295 3.9361437 5.7442812 4.3057321 3.7665800 3.3137596 3.3353686
## 296 2.5091777 4.2388670 3.0062328 3.0054267 4.1661537 4.7080996
## 297 5.8029907 6.6311817 5.5856573 7.5475454 5.5063818 7.5624791
## 298 4.5130497 6.2915982 4.4405668 3.3191167 4.0055137 4.1728626
## 299 4.4604465 5.3456520 4.3887454 3.7156352 2.4024237 3.9306385
##      295      296      297      298
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## 296 4.8232543
## 297 7.7758169 5.6408454
## 298 4.1201668 3.4489910 7.4201952
## 299 4.3205287 3.8147044 5.6494102 3.6617354
```

#Hierarchical Methods

#1. Single Linkage Method

Invoking hclust command (cluster analysis by single linkage method)

```
clus_heart_disease.nn <- hclust(Distance, method = "single")
```

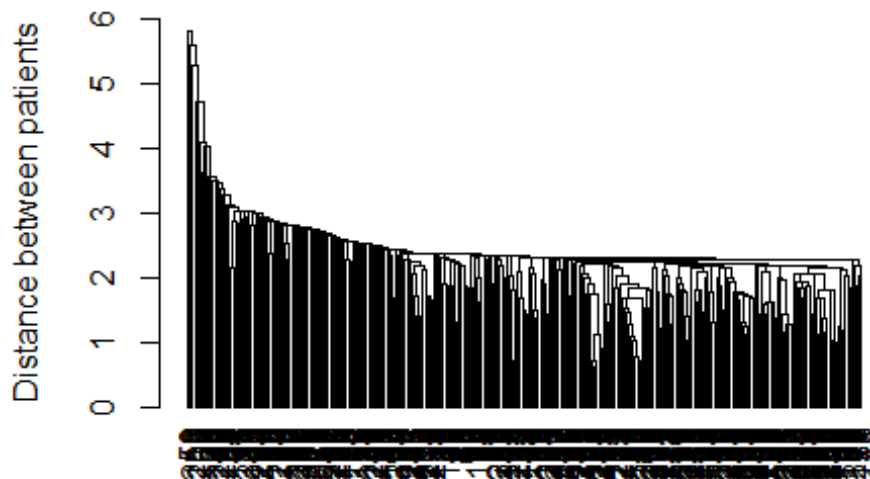
```
clus_heart_disease.nn
```

```
##
## Call:
## hclust(d = Distance, method = "single")
##
## Cluster method   : single
## Distance         : euclidean
## Number of objects: 299

#Plotting of dendrogram using Single Linkage method

plot(as.dendrogram(clus_heart_disease.nn),ylab="Distance between
patients",ylim=c(0,6),
     main="Dendrogram of 299 patients using Single Linkage method")
```

Dendrogram of 299 patients using Single Linkage me



```
#2. Average Linkage Method
clus_heart_disease.avl <- hclust(Distance, method = "average")
clus_heart_disease.avl

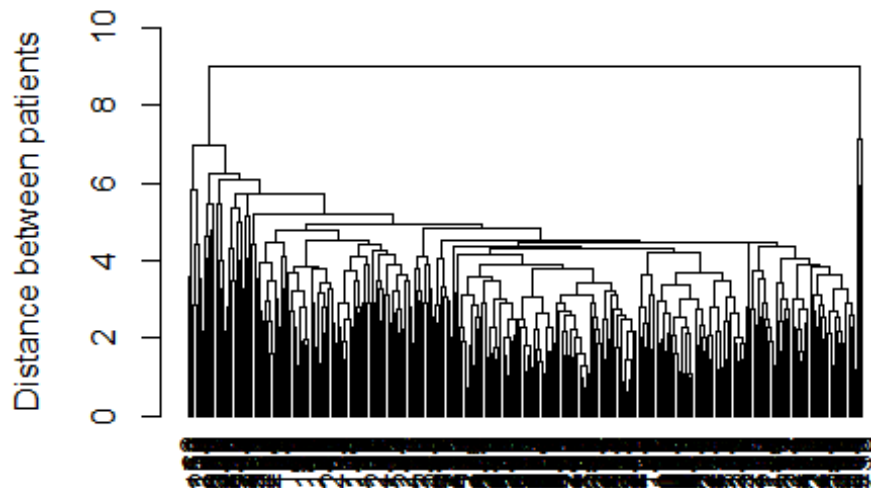
##
## Call:
## hclust(d = Distance, method = "average")
##
## Cluster method   : average
## Distance         : euclidean
## Number of objects: 299
```



```
#Plotting of dendrogram using Average Linkage method
```

```
plot(as.dendrogram(clus_heart_disease.avl),ylab="Distance between  
patients",ylim=c(0,10),  
main="Dendrogram of 299 patients using Average Linkage method")
```

endrogram of 299 patients using Average Linkage m



```
#3. Complete Linkage Method
```

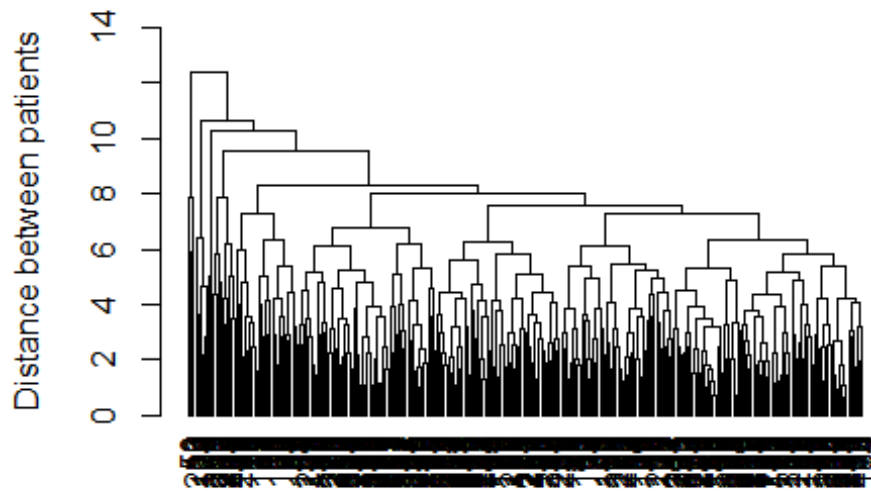
```
clus_heart_disease.fn <- hclust(Distance)  
clus_heart_disease.fn
```

```
##  
## Call:  
## hclust(d = Distance)  
##  
## Cluster method : complete  
## Distance : euclidean  
## Number of objects: 299
```

```
#Plotting of dendrogram using Complete Linkage method
```

```
plot(as.dendrogram(clus_heart_disease.fn),ylab="Distance between  
patients",ylim=c(0,14),  
main="Dendrogram of 299 patients using Complete Linkage method")
```

Dendrogram of 299 patients using Complete Linkage



#Non-hierarchical Method

#K-Means

Centers (k's) are numbers thus, 10 random sets are chosen

```
(kmeans2.Heart_disease <- kmeans(scaled_dataset,2,nstart = 10))
```

```
## K-means clustering with 2 clusters of sizes 100, 199
```

```
##
```

```
## Cluster means:
```

```
##      age      anaemia creatinine_phosphokinase      diabetes
## 1  0.3827533  0.13819969                0.07713230 -0.01631398
## 2 -0.1923383 -0.06944708                -0.03875995  0.00819798
##      ejection_fraction high_blood_pressure      platelets serum_creatinine
## 1      -0.4143370                0.10212448 -0.05983612      0.5166894
## 2      0.2082095                -0.05131884  0.03006840      -0.2596429
##      serum_sodium      sex      smoking      time DEATH_EVENT
## 1  -0.3049122  0.002448190 -0.02367102 -0.7603101      1.344814
## 2   0.1532222 -0.001230246  0.01189498  0.3820654      -0.675786
```

```
##
```

```
## Clustering vector:
```

```
## [1] 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 2
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## [36] 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 2 1 1 1 1
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## [71] 2 2 1 2 1 1 2 2 2 2 2 2 2 1 2 1 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2
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## [106] 1 2 2 2 2 1 2 2 1 2 2 2 2 2 1 2 2 2 2 1 2 1 2 2 2 2 1 2 2 2 2 2 1 2
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```

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## [141] 1 2 2 2 1 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 1 1 1 2 1 2 2 2 2 2 2
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## [176] 2 2 2 2 2 2 1 1 1 1 1 2 1 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2
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## [211] 2 2 2 1 2 2 2 1 2 2 1 2 2 2 2 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2
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## [246] 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2
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## [281] 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
##
## Within cluster sum of squares by cluster:
## [1] 1426.235 1981.294
## (between_SS / total_SS = 12.0 %)
##
## Available components:
##
## [1] "cluster"      "centers"      "totss"        "withinss"
## [5] "tot.withinss" "betweenss"    "size"         "iter"
## [9] "ifault"

kmeans2.Heart_disease

## K-means clustering with 2 clusters of sizes 100, 199
##
## Cluster means:
##      age      anaemia creatinine_phosphokinase      diabetes
## 1  0.3827533  0.13819969                0.07713230 -0.01631398
## 2 -0.1923383 -0.06944708                -0.03875995  0.00819798
##  ejection_fraction high_blood_pressure      platelets serum_creatinine
## 1          -0.4143370                0.10212448 -0.05983612          0.5166894
## 2          0.2082095                -0.05131884  0.03006840          -0.2596429
##  serum_sodium      sex      smoking      time DEATH_EVENT
## 1  -0.3049122  0.002448190 -0.02367102 -0.7603101      1.344814
## 2   0.1532222 -0.001230246  0.01189498  0.3820654      -0.675786
##
## Clustering vector:
##  [1] 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 2
1
##  [36] 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 2 1 1 1 1 2 1 2 1 1 1 1
1
##  [71] 2 2 1 2 1 1 2 2 2 2 2 2 1 2 1 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 2
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## [106] 1 2 2 2 2 1 2 2 1 2 2 2 2 2 1 2 2 2 2 1 2 1 2 2 2 2 1 2 2 2 2 1 2
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## [141] 1 2 2 2 1 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 1 1 1 2 1 2 2 2 2 2 2
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## [176] 2 2 2 2 2 2 1 1 1 1 1 2 1 2 2 2 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2
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## [211] 2 2 2 1 2 2 2 1 2 2 1 2 2 2 2 2 2 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2

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## [246] 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2
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## [281] 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
##
## Within cluster sum of squares by cluster:
## [1] 1426.235 1981.294
## (between_SS / total_SS = 12.0 %)
##
## Available components:
##
## [1] "cluster"      "centers"      "totss"        "withinss"
## [5] "tot.withinss" "betweenss"    "size"         "iter"
## [9] "ifault"

# Computing the percentage of variation accounted for. Two clusters
perc.var.2 <- round(100*(1 -
kmeans2.Heart_disease$betweenss/kmeans2.Heart_disease$totss),1)
names(perc.var.2) <- "Perc. 2 clus"
perc.var.2

## Perc. 2 clus
##           88

#Having two clusters will account for 88% of total variation
#We don't think Non-hierarchical method(K-means) is that suitable as we do
not have identifier column for our dataset

```