## FA

```
####Importing the Dataset#######
emp_churn <- read.csv("C:/Users/Amisha Sancheti/Desktop/MITA sem2/Multivariate Analysis/Project/WA_Fn-U
# Factor Analysis
# Computing Correlation Matrix
emp_churn$Attrition <-as.integer(as.factor(emp_churn$Attrition))</pre>
emp_churn$BusinessTravel <-as.integer(as.factor(emp_churn$BusinessTravel))</pre>
emp_churn$Department <-as.integer(as.factor(emp_churn$Department))</pre>
emp_churn$EducationField <-as.integer(as.factor(emp_churn$EducationField))</pre>
emp churn$Gender <-as.integer(as.factor(emp churn$Gender))</pre>
emp_churn$JobRole <-as.integer(as.factor(emp_churn$JobRole))</pre>
emp_churn$MaritalStatus <-as.integer(as.factor(emp_churn$MaritalStatus))</pre>
emp_churn$0ver18 <-as.integer(as.factor(emp_churn$0ver18))</pre>
emp_churn$OverTime <-as.integer(as.factor(emp_churn$OverTime))</pre>
# Factor Analysis
# Computing Correlation Matrix
cor.data <- cor(emp churn)</pre>
## Warning in cor(emp_churn): the standard deviation is zero
cor.data
##
                                  ï..Age
                                             Attrition BusinessTravel
## ï..Age
                             1.000000000 -1.592050e-01 2.475143e-02
                            -0.159205007 1.000000e+00 7.377695e-05
## Attrition
                            0.024751434 7.377695e-05 1.000000e+00
## BusinessTravel
## DailyRate
                            0.010660943 -5.665199e-02 -4.086034e-03
                          -0.031882283 6.399060e-02 -9.043571e-03
## Department
                           -0.001686120 7.792358e-02 -2.446944e-02
## DistanceFromHome
## Education
                           0.208033731 -3.137282e-02 7.569331e-04
                         -0.040872848 2.684555e-02 2.372383e-02
## EducationField
## EmployeeCount
                                      NΑ
## EmployeeNumber
                            -0.010145467 -1.057724e-02 -1.557782e-02
## EnvironmentSatisfaction 0.010146428 -1.033690e-01 4.174405e-03
## Gender
                         -0.036310550 2.945325e-02 -3.298096e-02
## HourlyRate
                           0.024286543 -6.845550e-03 2.652819e-02
                           0.029819959 -1.300160e-01 3.906150e-02
## JobInvolvement
## JobLevel
                           0.509604228 -1.691048e-01 1.931128e-02
## JobRole
                          -0.122426677 6.715150e-02 2.724411e-03
                           -0.004891877 -1.034811e-01 -3.396215e-02
## JobSatisfaction
```

## MaritalStatus
## MonthlyIncome

## MonthlyRate

-0.095028910 1.620702e-01 2.400051e-02

0.497854567 -1.598396e-01 3.431895e-02

0.028051167 1.517021e-02 -1.410709e-02

```
## NumCompaniesWorked
                              0.299634758
                                          4.349374e-02
                                                           2.087475e-02
## Over18
                                                      NΑ
                                                                     NΑ
                                       NA
                              0.028062357
## OverTime
                                           2.461180e-01
                                                           1.654304e-02
## PercentSalaryHike
                              0.003633585 -1.347820e-02
                                                          -2.937705e-02
## PerformanceRating
                              0.001903896
                                           2.888752e-03
                                                          -2.634113e-02
## RelationshipSatisfaction
                              0.053534720 -4.587228e-02
                                                          -3.598569e-02
## StandardHours
                                       NA
                                                      NΑ
## StockOptionLevel
                              0.037509712 -1.371449e-01
                                                          -1.672687e-02
## TotalWorkingYears
                              0.680380536 -1.710632e-01
                                                           3.422562e-02
## TrainingTimesLastYear
                             -0.019620819 -5.947780e-02
                                                           1.524003e-02
## WorkLifeBalance
                             -0.021490028 -6.393905e-02
                                                          -1.125582e-02
## YearsAtCompany
                              0.311308770 -1.343922e-01
                                                          -1.457501e-02
  YearsInCurrentRole
                              0.212901056 -1.605450e-01
                                                          -1.149745e-02
  YearsSinceLastPromotion
                              0.216513368 -3.301878e-02
                                                          -3.259115e-02
## YearsWithCurrManager
                              0.202088602 -1.561993e-01
                                                          -2.263573e-02
##
                                 DailyRate
                                             Department DistanceFromHome
## i..Age
                              0.0106609426 -0.031882283
                                                             -0.001686120
## Attrition
                             -0.0566519919
                                            0.063990596
                                                              0.077923583
## BusinessTravel
                             -0.0040860339 -0.009043571
                                                             -0.024469442
## DailyRate
                              1.000000000
                                            0.007108714
                                                             -0.004985337
## Department
                              0.0071087137
                                            1.00000000
                                                              0.017224804
## DistanceFromHome
                             -0.0049853374
                                            0.017224804
                                                              1.00000000
## Education
                                            0.007996422
                                                              0.021041826
                             -0.0168064332
## EducationField
                              0.0377092287
                                            0.013719502
                                                              0.002013453
## EmployeeCount
                                        NA
                                                      NΑ
                                                                       NA
  EmployeeNumber
                             -0.0509904337 -0.010895001
                                                              0.032916407
  EnvironmentSatisfaction
                              0.0183548543 -0.019395271
                                                             -0.016075327
  Gender
                             -0.0117161379 -0.041583290
                                                             -0.001850528
## HourlyRate
                              0.0233814215 -0.004143708
                                                              0.031130586
## JobInvolvement
                              0.0461348740 -0.024586062
                                                              0.008783280
## JobLevel
                              0.0029663349
                                            0.101963106
                                                              0.005302731
## JobRole
                             -0.0094722010
                                            0.662431198
                                                             -0.001014963
## JobSatisfaction
                              0.0305710078
                                            0.021000879
                                                             -0.003668839
## MaritalStatus
                             -0.0695856414
                                            0.056073435
                                                             -0.014437031
  MonthlyIncome
                              0.0077070589
                                            0.053129698
                                                             -0.017014445
## MonthlyRate
                                            0.023642072
                                                              0.027472864
                             -0.0321816015
## NumCompaniesWorked
                              0.0381534343 -0.035881612
                                                             -0.029250804
## Over18
                                        NΑ
                                                                       NΑ
## OverTime
                              0.0091349699
                                            0.007480968
                                                              0.025513635
## PercentSalaryHike
                              0.0227036775 -0.007840161
                                                              0.040235377
## PerformanceRating
                              0.0004732963 -0.024603543
                                                              0.027109618
## RelationshipSatisfaction
                              0.0078460310 -0.022414425
                                                              0.006557475
## StandardHours
                                        NA
                                                                       NA
                                                              0.044871999
## StockOptionLevel
                              0.0421427964 -0.012192914
## TotalWorkingYears
                              0.0145147387 -0.015761512
                                                              0.004628426
## TrainingTimesLastYear
                              0.0024525427
                                            0.036875066
                                                             -0.036942234
## WorkLifeBalance
                             -0.0378480510
                                            0.026382525
                                                             -0.026556004
## YearsAtCompany
                             -0.0340547676
                                            0.022920442
                                                              0.009507720
## YearsInCurrentRole
                              0.0099320150
                                            0.056315447
                                                              0.018844999
## YearsSinceLastPromotion
                             -0.0332289848
                                            0.040060967
                                                              0.010028836
##
  YearsWithCurrManager
                             -0.0263631782
                                            0.034282473
                                                              0.014406048
##
                                 Education EducationField EmployeeCount
## ï..Age
                              0.2080337310
                                             -0.040872848
                                                                      NΑ
## Attrition
                             -0.0313728196
                                              0.026845546
                                                                      NA
```

```
## BusinessTravel
                              0.0007569331
                                               0.023723829
                                                                        NA
## DailyRate
                                                                        NΑ
                             -0.0168064332
                                               0.037709229
                              0.0079964220
## Department
                                               0.013719502
                                                                       NA
  DistanceFromHome
                              0.0210418256
                                               0.002013453
                                                                       NA
  Education
                              1.000000000
                                              -0.039592150
                                                                        NA
## EducationField
                             -0.0395921504
                                               1.00000000
                                                                       NA
## EmployeeCount
                                                         NA
                                                                         1
## EmployeeNumber
                              0.0420700930
                                              -0.002516478
                                                                       NΑ
   {\tt EnvironmentSatisfaction}
                             -0.0271283133
                                               0.043163491
                                                                        NA
                                                                        NΑ
   Gender
                             -0.0165468274
                                              -0.002504019
## HourlyRate
                              0.0167748289
                                              -0.021941219
                                                                       NA
## JobInvolvement
                                                                        NA
                              0.0424376343
                                              -0.002655278
   JobLevel
                              0.1015888862
                                              -0.044932672
                                                                        NA
                              0.0042357606
## JobRole
                                               0.015598782
                                                                        NA
## JobSatisfaction
                             -0.0112961167
                                                                        NA
                                              -0.034400814
## MaritalStatus
                              0.0040526543
                                               0.014419541
                                                                        NA
## MonthlyIncome
                              0.0949606770
                                              -0.041070150
                                                                        NΑ
  MonthlyRate
                             -0.0260841972
                                              -0.027181682
                                                                        NA
## NumCompaniesWorked
                                              -0.008663043
                              0.1263165602
                                                                       NΑ
## Over18
                                                         NA
                                                                        NA
## OverTime
                             -0.0203217674
                                               0.002258600
                                                                       NΔ
## PercentSalaryHike
                             -0.0111109409
                                              -0.011213502
                                                                        NA
                                              -0.005614213
## PerformanceRating
                                                                       NA
                             -0.0245387912
## RelationshipSatisfaction -0.0091183767
                                              -0.004377711
                                                                       NA
## StandardHours
                                                                       NΑ
                                         NA
                                                         NΑ
## StockOptionLevel
                              0.0184222202
                                              -0.016184713
                                                                       NA
## TotalWorkingYears
                              0.1482796965
                                              -0.027847626
                                                                        NA
## TrainingTimesLastYear
                             -0.0251002411
                                               0.049195353
                                                                        NA
## WorkLifeBalance
                                                                        NA
                              0.0098191893
                                               0.041191131
## YearsAtCompany
                              0.0691136960
                                              -0.018692101
                                                                        NA
## YearsInCurrentRole
                              0.0602355541
                                              -0.010506203
                                                                        NA
  YearsSinceLastPromotion
                              0.0542543336
                                               0.002325656
                                                                        NA
  YearsWithCurrManager
                              0.0690653783
                                              -0.004129695
##
                             EmployeeNumber EnvironmentSatisfaction
                                                                              Gender
## ï..Age
                               -0.010145467
                                                         0.0101464279 -0.0363105501
## Attrition
                               -0.010577243
                                                                       0.0294532532
                                                        -0.1033689783
## BusinessTravel
                               -0.015577823
                                                         0.0041744049 -0.0329809563
## DailyRate
                                                         0.0183548543 -0.0117161379
                               -0.050990434
## Department
                                                        -0.0193952706 -0.0415832902
                               -0.010895001
## DistanceFromHome
                                                        -0.0160753270 -0.0018505280
                                0.032916407
## Education
                                 0.042070093
                                                        -0.0271283133 -0.0165468274
                                                         0.0431634907 -0.0025040188
## EducationField
                               -0.002516478
   EmployeeCount
                                          NA
                                                                   NA
                                 1.00000000
                                                         0.0176208025
                                                                       0.0225560514
   EmployeeNumber
## EnvironmentSatisfaction
                                                         1.000000000
                                 0.017620802
                                                                        0.0005083139
## Gender
                                 0.022556051
                                                                        1.0000000000
                                                         0.0005083139
## HourlyRate
                                 0.035179212
                                                        -0.0498569562 -0.0004782971
   JobInvolvement
                               -0.006887923
                                                        -0.0082775982
                                                                       0.0179597554
## JobLevel
                               -0.018519194
                                                         0.0012116994 -0.0394031027
## JobRole
                               -0.010336453
                                                        -0.0173213826 -0.0397229000
## JobSatisfaction
                               -0.046246735
                                                        -0.0067843526
                                                                       0.0332516974
## MaritalStatus
                               -0.008155090
                                                        -0.0035934733 -0.0471825924
## MonthlyIncome
                               -0.014828516
                                                        -0.0062590878 -0.0318584918
## MonthlyRate
                                0.012648229
                                                         0.0375996229 -0.0414822051
```

```
## NumCompaniesWorked
                               -0.001251032
                                                        0.0125943232 -0.0391474496
## Over18
                                         NΑ
                                                                  NΑ
                                                                                 NΑ
                               -0.024037287
## OverTime
                                                        0.0701317268 -0.0419243480
## PercentSalaryHike
                               -0.012943996
                                                       -0.0317011952
                                                                      0.0027326475
## PerformanceRating
                               -0.020358825
                                                       -0.0295479523 -0.0138590184
## RelationshipSatisfaction
                               -0.069861411
                                                        0.0076653835
                                                                      0.0228683700
## StandardHours
                                         ΝA
                                                                  NΑ
## StockOptionLevel
                                0.062226693
                                                        0.0034321578 0.0127157138
## TotalWorkingYears
                               -0.014365198
                                                       -0.0026930704 -0.0468809395
## TrainingTimesLastYear
                                0.023603170
                                                       -0.0193593083 -0.0387867355
## WorkLifeBalance
                                0.010308641
                                                        0.0276272955 -0.0027526788
## YearsAtCompany
                                                        0.0014575492 -0.0297470859
                               -0.011240464
## YearsInCurrentRole
                               -0.008416312
                                                        0.0180074601 -0.0414827285
## YearsSinceLastPromotion
                               -0.009019064
                                                        0.0161936056 -0.0269845772
## YearsWithCurrManager
                               -0.009196645
                                                       -0.0049987226 -0.0305989093
##
                                HourlyRate JobInvolvement
                                                                JobLevel
## i..Age
                              0.0242865426
                                              0.029819959
                                                           0.5096042284
## Attrition
                             -0.0068455496
                                             -0.130015957 -0.1691047509
                              0.0265281862
## BusinessTravel
                                              0.039061501 0.0193112821
## DailyRate
                              0.0233814215
                                              0.046134874
                                                           0.0029663349
## Department
                             -0.0041437079
                                             -0.024586062
                                                           0.1019631058
## DistanceFromHome
                              0.0311305856
                                                            0.0053027306
                                              0.008783280
## Education
                                                            0.1015888862
                              0.0167748289
                                              0.042437634
## EducationField
                             -0.0219412191
                                             -0.002655278 -0.0449326718
## EmployeeCount
                                        NΑ
                                                       NA
## EmployeeNumber
                              0.0351792124
                                             -0.006887923 -0.0185191940
## EnvironmentSatisfaction
                             -0.0498569562
                                             -0.008277598 0.0012116994
## Gender
                             -0.0004782971
                                              0.017959755 -0.0394031027
## HourlyRate
                              1.000000000
                                              0.042860641 -0.0278534864
## JobInvolvement
                              0.0428606410
                                              1.000000000 -0.0126298827
## JobLevel
                             -0.0278534864
                                             -0.012629883 1.0000000000
## JobRole
                             -0.0188607988
                                              0.006616347 -0.0854574339
## JobSatisfaction
                             -0.0713346244
                                             -0.021475910 -0.0019437080
                             -0.0178605059
                                             -0.038497019 -0.0767694781
## MaritalStatus
## MonthlyIncome
                             -0.0157943044
                                             -0.015271491
                                                           0.9502999135
                                                           0.0395629510
## MonthlyRate
                             -0.0152967496
                                             -0.016322079
## NumCompaniesWorked
                              0.0221568834
                                              0.015012413
                                                            0.1425011238
## Over18
                                                        NΑ
## OverTime
                             -0.0077819744
                                             -0.003506711
                                                            0.0005440478
## PercentSalaryHike
                             -0.0090619863
                                             -0.017204572 -0.0347304923
## PerformanceRating
                                             -0.029071333 -0.0212220821
                             -0.0021716974
## RelationshipSatisfaction
                             0.0013304528
                                              0.034296821
                                                            0.0216415105
## StandardHours
                                                        NA
                              0.0502633991
                                              0.021522640
## StockOptionLevel
                                                            0.0139839105
## TotalWorkingYears
                             -0.0023336818
                                             -0.005533182
                                                            0.7822078045
## TrainingTimesLastYear
                                             -0.015337826 -0.0181905502
                             -0.0085476852
## WorkLifeBalance
                             -0.0046072338
                                             -0.014616593
                                                            0.0378177456
## YearsAtCompany
                             -0.0195816162
                                             -0.021355427
                                                            0.5347386874
## YearsInCurrentRole
                             -0.0241062202
                                              0.008716963
                                                            0.3894467329
## YearsSinceLastPromotion
                             -0.0267155861
                                             -0.024184292
                                                            0.3538853470
##
                             -0.0201232002
                                                            0.3752806078
  YearsWithCurrManager
                                              0.025975808
##
                                   JobRole JobSatisfaction MaritalStatus
## ï..Age
                             -0.1224266770
                                             -0.0048918771 -0.095028910
## Attrition
                              0.0671514950
                                             -0.1034811261
                                                              0.162070235
```

```
## BusinessTravel
                              0.0027244109
                                              -0.0339621513
                                                               0.024000511
## DailyRate
                                                              -0.069585641
                             -0.0094722010
                                               0.0305710078
  Department
                              0.6624311978
                                               0.0210008789
                                                               0.056073435
  DistanceFromHome
                             -0.0010149627
                                              -0.0036688392
                                                              -0.014437031
  Education
                              0.0042357606
                                              -0.0112961167
                                                               0.004052654
## EducationField
                                              -0.0344008137
                                                               0.014419541
                              0.0155987817
  EmployeeCount
                                                          NA
## EmployeeNumber
                             -0.0103364528
                                              -0.0462467349
                                                              -0.008155090
   EnvironmentSatisfaction
                             -0.0173213826
                                              -0.0067843526
                                                              -0.003593473
   Gender
                             -0.0397229000
                                               0.0332516974
                                                              -0.047182592
  HourlyRate
                             -0.0188607988
                                              -0.0713346244
                                                              -0.017860506
   JobInvolvement
                              0.0066163469
                                              -0.0214759103
                                                              -0.038497019
   JobLevel
                             -0.0854574339
                                              -0.0019437080
                                                              -0.076769478
                              1.000000000
                                                               0.067956618
  JobRole
                                               0.0175367910
## JobSatisfaction
                              0.0175367910
                                               1.000000000
                                                               0.024359953
## MaritalStatus
                              0.0679566176
                                               0.0243599530
                                                               1.000000000
  MonthlyIncome
                             -0.0939511024
                                              -0.0071567424
                                                              -0.075449582
   MonthlyRate
                              0.0052904311
                                               0.0006439169
                                                               0.023937427
                                              -0.0556994260
                                                              -0.035505389
  NumCompaniesWorked
                             -0.0563675084
## Over18
## OverTime
                              0.0406623662
                                               0.0245394811
                                                              -0.017521382
## PercentSalaryHike
                             -0.0008476254
                                               0.0200020394
                                                               0.012492329
## PerformanceRating
                                                               0.005206626
                             -0.0242333242
                                               0.0022971971
## RelationshipSatisfaction
                                                               0.022549071
                             -0.0202176542
                                              -0.0124535932
## StandardHours
                                         NΑ
                                                          NΑ
                                                                        NA
## StockOptionLevel
                             -0.0191705902
                                               0.0106902261
                                                              -0.662577292
## TotalWorkingYears
                             -0.1454391373
                                              -0.0201850727
                                                              -0.077886352
## TrainingTimesLastYear
                              0.0013422953
                                              -0.0057793350
                                                               0.010628607
## WorkLifeBalance
                              0.0277640661
                                              -0.0194587102
                                                               0.014708294
## YearsAtCompany
                             -0.0836566610
                                              -0.0038026279
                                                              -0.059986004
  YearsInCurrentRole
                             -0.0283539799
                                              -0.0023047852
                                                              -0.065821900
   YearsSinceLastPromotion
                             -0.0463843592
                                              -0.0182135678
                                                              -0.030915079
   YearsWithCurrManager
                             -0.0411496252
                                              -0.0276562139
                                                              -0.038570074
##
                             MonthlyIncome
                                              MonthlyRate NumCompaniesWorked Over18
  ï..Age
                               0.497854567
                                             0.0280511671
                                                                  0.299634758
                                                                                   NA
## Attrition
                              -0.159839582
                                             0.0151702125
                                                                                   NA
                                                                  0.043493739
## BusinessTravel
                               0.034318946 -0.0141070884
                                                                  0.020874752
                                                                                   NA
## DailyRate
                               0.007707059 -0.0321816015
                                                                                   NA
                                                                  0.038153434
## Department
                               0.053129698
                                             0.0236420721
                                                                                   NΑ
                                                                 -0.035881612
## DistanceFromHome
                                                                                   NA
                              -0.017014445
                                             0.0274728635
                                                                 -0.029250804
   Education
                               0.094960677 -0.0260841972
                                                                  0.126316560
                                                                                   NA
  EducationField
                              -0.041070150 -0.0271816823
                                                                 -0.008663043
                                                                                   NA
   EmployeeCount
                                         NA
                                                                                   NA
                              -0.014828516
                                                                 -0.001251032
   EmployeeNumber
                                             0.0126482292
                                                                                   NA
   EnvironmentSatisfaction
                              -0.006259088
                                             0.0375996229
                                                                  0.012594323
                                                                                   NA
## Gender
                                                                                   NA
                              -0.031858492 -0.0414822051
                                                                 -0.039147450
  HourlyRate
                              -0.015794304 -0.0152967496
                                                                  0.022156883
                                                                                   NA
   JobInvolvement
                              -0.015271491 -0.0163220791
                                                                  0.015012413
                                                                                   NA
                                                                  0.142501124
  JobLevel
                               0.950299913
                                             0.0395629510
                                                                                   NA
## JobRole
                              -0.093951102
                                             0.0052904311
                                                                 -0.056367508
                                                                                   NA
  JobSatisfaction
                              -0.007156742
                                             0.0006439169
                                                                 -0.055699426
                                                                                   NA
## MaritalStatus
                              -0.075449582
                                             0.0239374266
                                                                 -0.035505389
                                                                                   NA
## MonthlyIncome
                               1.000000000
                                             0.0348136261
                                                                  0.149515216
                                                                                   NA
## MonthlyRate
                               0.034813626
                                             1.0000000000
                                                                  0.017521353
                                                                                   NA
```

```
1.00000000
## NumCompaniesWorked
                               0.149515216
                                             0.0175213534
## Over18
                                        NΑ
                                                       NΑ
                                                                           NΑ
## OverTime
                                             0.0214311446
                               0.006089285
                                                                 -0.020785821
                                                                                   NA
## PercentSalaryHike
                              -0.027268586 -0.0064293459
                                                                 -0.010238309
                                                                                   NA
  PerformanceRating
                              -0.017120138 -0.0098114285
                                                                 -0.014094873
   RelationshipSatisfaction
                               0.025873436 -0.0040853293
                                                                                   NA
                                                                  0.052733049
   StandardHours
                                         NA
                                                                           NΑ
                                                                                   NA
## StockOptionLevel
                               0.005407677 -0.0343228302
                                                                  0.030075475
                                                                                   NA
  TotalWorkingYears
                               0.772893246
                                             0.0264424712
                                                                  0.237638590
                                                                                   NA
   TrainingTimesLastYear
                              -0.021736277
                                             0.0014668806
                                                                 -0.066054072
   WorkLifeBalance
                               0.030683082
                                             0.0079631575
                                                                 -0.008365685
                                                                                   NA
   YearsAtCompany
                               0.514284826 -0.0236551067
                                                                 -0.118421340
   YearsInCurrentRole
                               0.363817667 -0.0128148744
                                                                 -0.090753934
                               0.344977638
                                             0.0015667995
   YearsSinceLastPromotion
                                                                 -0.036813892
   YearsWithCurrManager
                               0.344078883 -0.0367459053
                                                                 -0.110319155
##
                                  OverTime PercentSalaryHike PerformanceRating
##
                              0.0280623571
                                                 0.0036335849
                                                                    0.0019038955
  ï..Age
## Attrition
                              0.2461179942
                                                -0.0134782021
                                                                    0.0028887517
## BusinessTravel
                              0.0165430420
                                                -0.0293770543
                                                                   -0.0263411345
  DailyRate
                              0.0091349699
                                                 0.0227036775
                                                                    0.0004732963
  Department
                              0.0074809676
                                                -0.0078401613
                                                                   -0.0246035428
   DistanceFromHome
                              0.0255136349
                                                 0.0402353775
                                                                    0.0271096185
## Education
                             -0.0203217674
                                                -0.0111109409
                                                                   -0.0245387912
   EducationField
                                                                   -0.0056142134
                              0.0022585999
                                                -0.0112135020
   EmployeeCount
                                         NΑ
                                                                              NΑ
   EmployeeNumber
                             -0.0240372868
                                                -0.0129439955
                                                                   -0.0203588251
   EnvironmentSatisfaction
                              0.0701317268
                                                -0.0317011952
                                                                   -0.0295479523
   Gender
                             -0.0419243480
                                                 0.0027326475
                                                                   -0.0138590184
  HourlyRate
                             -0.0077819744
                                                -0.0090619863
                                                                   -0.0021716974
   JobInvolvement
                             -0.0035067106
                                                -0.0172045722
                                                                   -0.0290713334
   JobLevel
                              0.0005440478
                                                -0.0347304923
                                                                   -0.0212220821
   JobRole
                              0.0406623662
                                                -0.0008476254
                                                                   -0.0242333242
   JobSatisfaction
                              0.0245394811
                                                 0.0200020394
                                                                    0.0022971971
                                                                    0.0052066260
## MaritalStatus
                             -0.0175213816
                                                 0.0124923288
   MonthlyIncome
                              0.0060892854
                                                -0.0272685864
                                                                   -0.0171201382
## MonthlyRate
                                                -0.0064293459
                                                                   -0.0098114285
                              0.0214311446
## NumCompaniesWorked
                             -0.0207858214
                                                -0.0102383094
                                                                   -0.0140948728
## Over18
## OverTime
                              1.000000000
                                                -0.0054328267
                                                                    0.0043691201
## PercentSalaryHike
                             -0.0054328267
                                                                    0.7735499964
                                                 1.000000000
## PerformanceRating
                                                                    1.000000000
                              0.0043691201
                                                 0.7735499964
## RelationshipSatisfaction
                              0.0484928029
                                                -0.0404900811
                                                                   -0.0313514554
   StandardHours
                                         NA
                             -0.0004486707
                                                                    0.0035064716
  StockOptionLevel
                                                 0.0075277478
  TotalWorkingYears
                              0.0127542663
                                                -0.0206084876
                                                                    0.0067436679
   TrainingTimesLastYear
                             -0.0791133716
                                                -0.0052210124
                                                                   -0.0155788817
  WorkLifeBalance
                             -0.0270918785
                                                -0.0032796360
                                                                    0.0025723613
   YearsAtCompany
                             -0.0116871205
                                                -0.0359912624
                                                                    0.0034351261
   YearsInCurrentRole
                             -0.0297580089
                                                -0.0015200265
                                                                    0.0349862604
   YearsSinceLastPromotion
                             -0.0122388226
                                                -0.0221543126
                                                                    0.0178960661
##
   YearsWithCurrManager
                             -0.0415859987
                                                -0.0119852485
                                                                    0.0228271689
##
                             RelationshipSatisfaction StandardHours
## ï..Age
                                          0.0535347197
                                                                   NΑ
## Attrition
                                         -0.0458722789
                                                                   NA
```

NA

NA

NΑ

NΑ

NA

NA

NΑ

1

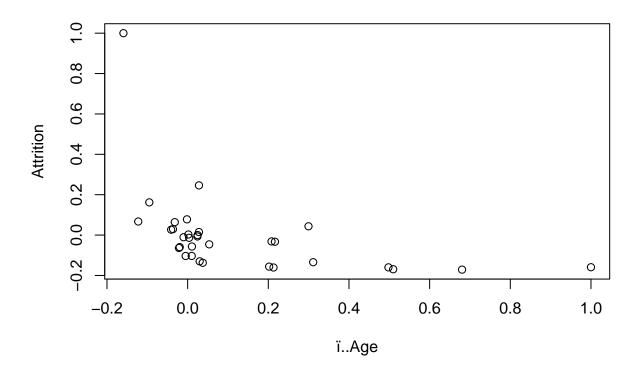
	BusinessTravel	-0.03598		NA
	DailyRate	0.007846		ΝA
	Department	-0.022414		ΝA
	DistanceFromHome	0.006557		ΝA
##	Education	-0.009118	33767	ΝA
	EducationField	-0.004377	77110	ΝA
	EmployeeCount		NA	NA
	EmployeeNumber	-0.069861	14115	ΝA
	EnvironmentSatisfaction	0.007665		ΝA
	Gender	0.022868		ΝA
	HourlyRate	0.001330	04528	ΝA
	JobInvolvement	0.034296		ΝA
##	JobLevel	0.021643		ΝA
##	JobRole	-0.020217		NA
##	JobSatisfaction	-0.012453		NA
##	MaritalStatus	0.022549		NA
	MonthlyIncome	0.025873	34361	NA
	MonthlyRate	-0.00408	53293	NA
	NumCompaniesWorked	0.052733	30486	ΝA
	Over18		NA	ΝA
	OverTime	0.048492	28029	ΝA
	PercentSalaryHike	-0.040490		ΝA
	PerformanceRating	-0.03135		ΝA
	${\tt RelationshipSatisfaction}$	1.000000	00000	ΝA
	StandardHours		NA	1
	StockOptionLevel	-0.045952		ΝA
	TotalWorkingYears	0.024054		ΝA
	TrainingTimesLastYear	0.002496		NA
	WorkLifeBalance	0.019604		NA
	YearsAtCompany	0.019366		NA
	YearsInCurrentRole	-0.015122		NA
	YearsSinceLastPromotion	0.033492		NA
	YearsWithCurrManager	-0.000867		NA
##		StockOptionLevel Tot	•	
	ïAge	0.0375097124	0.680380536	
	Attrition	-0.1371449189	-0.171063246	
	BusinessTravel	-0.0167268706	0.034225622	
	DailyRate	0.0421427964	0.014514739	
	Department	-0.0121929144	-0.015761512	
	DistanceFromHome	0.0448719989	0.004628426	
	Education	0.0184222202	0.148279697	
	EducationField	-0.0161847132	-0.027847626	
	EmployeeCount	NA	NA	
	EmployeeNumber	0.0622266925	-0.014365198	
	EnvironmentSatisfaction	0.0034321578	-0.002693070	
	Gender	0.0127157138	-0.046880939	
	HourlyRate	0.0502633991	-0.002333682	
	JobInvolvement	0.0215226404	-0.005533182	
	JobLevel	0.0139839105	0.782207805	
	JobRole	-0.0191705902	-0.145439137	
	JobSatisfaction	0.0106902261	-0.020185073	
	MaritalStatus	-0.6625772917	-0.077886352	
	MonthlyIncome	0.0054076767	0.772893246	
##	MonthlyRate	-0.0343228302	0.026442471	

```
## NumCompaniesWorked
                                 0.0300754751
                                                     0.237638590
## Over18
                                                               NΑ
                                            NΑ
                                                     0.012754266
## OverTime
                                -0.0004486707
## PercentSalaryHike
                                 0.0075277478
                                                    -0.020608488
## PerformanceRating
                                 0.0035064716
                                                     0.006743668
## RelationshipSatisfaction
                                -0.0459524907
                                                     0.024054292
## StandardHours
                                                               NΑ
## StockOptionLevel
                                 1.000000000
                                                     0.010135969
## TotalWorkingYears
                                 0.0101359693
                                                     1.00000000
## TrainingTimesLastYear
                                 0.0112740696
                                                    -0.035661571
## WorkLifeBalance
                                 0.0041287300
                                                     0.001007646
## YearsAtCompany
                                 0.0150580080
                                                     0.628133155
  YearsInCurrentRole
                                 0.0508178728
                                                     0.460364638
                                 0.0143521849
                                                     0.404857759
   YearsSinceLastPromotion
## YearsWithCurrManager
                                 0.0246982266
                                                     0.459188397
##
                             TrainingTimesLastYear WorkLifeBalance YearsAtCompany
                                                                        0.311308770
## ï..Age
                                      -0.019620819
                                                       -0.021490028
## Attrition
                                      -0.059477799
                                                       -0.063939047
                                                                       -0.134392214
## BusinessTravel
                                       0.015240033
                                                       -0.011255820
                                                                       -0.014575008
## DailyRate
                                        0.002452543
                                                       -0.037848051
                                                                       -0.034054768
## Department
                                       0.036875066
                                                        0.026382525
                                                                        0.022920442
## DistanceFromHome
                                       -0.036942234
                                                       -0.026556004
                                                                        0.009507720
## Education
                                                        0.009819189
                                                                        0.069113696
                                       -0.025100241
## EducationField
                                        0.049195353
                                                        0.041191131
                                                                       -0.018692101
## EmployeeCount
                                                 NΑ
                                                                  NΑ
                                                                                  NA
   EmployeeNumber
                                       0.023603170
                                                        0.010308641
                                                                       -0.011240464
   EnvironmentSatisfaction
                                       -0.019359308
                                                        0.027627295
                                                                        0.001457549
   Gender
                                       -0.038786735
                                                       -0.002752679
                                                                       -0.029747086
## HourlyRate
                                      -0.008547685
                                                       -0.004607234
                                                                       -0.019581616
## JobInvolvement
                                       -0.015337826
                                                       -0.014616593
                                                                       -0.021355427
## JobLevel
                                      -0.018190550
                                                        0.037817746
                                                                        0.534738687
## JobRole
                                        0.001342295
                                                        0.027764066
                                                                       -0.083656661
## JobSatisfaction
                                      -0.005779335
                                                       -0.019458710
                                                                       -0.003802628
## MaritalStatus
                                       0.010628607
                                                        0.014708294
                                                                       -0.059986004
## MonthlyIncome
                                       -0.021736277
                                                        0.030683082
                                                                        0.514284826
## MonthlyRate
                                       0.001466881
                                                        0.007963158
                                                                       -0.023655107
## NumCompaniesWorked
                                       -0.066054072
                                                       -0.008365685
                                                                       -0.118421340
## Over18
                                                 NΑ
                                                                  NA
## OverTime
                                      -0.079113372
                                                       -0.027091878
                                                                       -0.011687120
## PercentSalaryHike
                                       -0.005221012
                                                       -0.003279636
                                                                       -0.035991262
## PerformanceRating
                                       -0.015578882
                                                        0.002572361
                                                                        0.003435126
## RelationshipSatisfaction
                                       0.002496526
                                                        0.019604406
                                                                        0.019366787
## StandardHours
                                                                  NA
                                                                                 NA
                                       0.011274070
                                                        0.004128730
                                                                        0.015058008
## StockOptionLevel
## TotalWorkingYears
                                       -0.035661571
                                                        0.001007646
                                                                        0.628133155
   TrainingTimesLastYear
                                                        0.028072207
                                        1.000000000
                                                                        0.003568666
## WorkLifeBalance
                                        0.028072207
                                                        1.00000000
                                                                        0.012089185
## YearsAtCompany
                                        0.003568666
                                                        0.012089185
                                                                        1.00000000
## YearsInCurrentRole
                                      -0.005737504
                                                        0.049856498
                                                                        0.758753737
## YearsSinceLastPromotion
                                       -0.002066536
                                                        0.008941249
                                                                        0.618408865
                                                        0.002759440
##
  YearsWithCurrManager
                                       -0.004095526
                                                                        0.769212425
##
                             YearsInCurrentRole YearsSinceLastPromotion
## ï..Age
                                    0.212901056
                                                              0.216513368
## Attrition
                                   -0.160545004
                                                             -0.033018775
```

##	BusinessTravel	-0.011497447	-0.032591153
##	DailyRate	0.009932015	-0.033228985
	Department	0.056315447	0.040060967
	DistanceFromHome	0.018844999	0.010028836
	Education	0.060235554	0.054254334
##	EducationField	-0.010506203	0.002325656
##	EmployeeCount	NA	NA
##	EmployeeNumber	-0.008416312	-0.009019064
	EnvironmentSatisfaction	0.018007460	0.016193606
	Gender	-0.041482729	-0.026984577
##	HourlyRate	-0.024106220	-0.026715586
##	JobInvolvement	0.008716963	-0.024184292
##	JobLevel	0.389446733	0.353885347
##	JobRole	-0.028353980	-0.046384359
##	JobSatisfaction	-0.002304785	-0.018213568
##	MaritalStatus	-0.065821900	-0.030915079
##	MonthlyIncome	0.363817667	0.344977638
##	MonthlyRate	-0.012814874	0.001566800
##	NumCompaniesWorked	-0.090753934	-0.036813892
##	Over18	NA	NA
##	OverTime	-0.029758009	-0.012238823
##	PercentSalaryHike	-0.001520027	-0.022154313
##	PerformanceRating	0.034986260	0.017896066
##	${\tt RelationshipSatisfaction}$	-0.015122915	0.033492502
##	StandardHours	NA	NA
##	StockOptionLevel	0.050817873	0.014352185
##	${\tt TotalWorkingYears}$	0.460364638	0.404857759
##	${\tt Training Times Last Year}$	-0.005737504	-0.002066536
##	WorkLifeBalance	0.049856498	0.008941249
##	YearsAtCompany	0.758753737	0.618408865
##	YearsInCurrentRole	1.00000000	0.548056248
##	YearsSinceLastPromotion	0.548056248	1.00000000
##	YearsWithCurrManager	0.714364762	0.510223636
##		YearsWithCurrManager	
##	ïAge	0.2020886024	
##	Attrition	-0.1561993159	
	BusinessTravel	-0.0226357345	
##	DailyRate	-0.0263631782	
##	Department	0.0342824726	
##	DistanceFromHome	0.0144060484	
##	Education	0.0690653783	
	EducationField	-0.0041296947	
	EmployeeCount	NA	
##	EmployeeNumber	-0.0091966453	
##	EnvironmentSatisfaction	-0.0049987226	
##	Gender	-0.0305989093	
##	HourlyRate	-0.0201232002	
##	JobInvolvement	0.0259758079	
##	JobLevel	0.3752806078	
##	JobRole	-0.0411496252	
##	JobSatisfaction	-0.0276562139	
##	MaritalStatus	-0.0385700737	
	MonthlyIncome	0.3440788833	
##	MonthlyRate	-0.0367459053	

```
-0.1103191554
## NumCompaniesWorked
## Over18
                                               NA
                                    -0.0415859987
## OverTime
## PercentSalaryHike
                                    -0.0119852485
## PerformanceRating
                                    0.0228271689
## RelationshipSatisfaction
                                    -0.0008674968
## StandardHours
                                               NA
## StockOptionLevel
                                    0.0246982266
## TotalWorkingYears
                                    0.4591883971
## TrainingTimesLastYear
                                    -0.0040955260
## WorkLifeBalance
                                    0.0027594402
## YearsAtCompany
                                    0.7692124251
## YearsInCurrentRole
                                     0.7143647616
## YearsSinceLastPromotion
                                    0.5102236358
## YearsWithCurrManager
                                     1.000000000
```

#### plot(cor.data)



```
emp_pca <- prcomp(emp_churn[ , which(apply(emp_churn, 2, var) != 0)],scale.=TRUE)
emp_pca</pre>
```

```
## Standard deviations (1, ..., p=32):
## [1] 2.1759457 1.3818908 1.3461309 1.3158896 1.2636260 1.1412018 1.0920421
## [8] 1.0697527 1.0611954 1.0362341 1.0267322 1.0163191 1.0029624 1.0005006
## [15] 0.9824203 0.9738426 0.9689810 0.9515259 0.9397410 0.9327753 0.9215221
```

```
## [22] 0.8784389 0.7797522 0.7204740 0.7000265 0.5703871 0.5637817 0.5278234
  [29] 0.4736000 0.4473075 0.3749341 0.2151410
##
## Rotation (n x k) = (32 \times 32):
##
                                   PC1
                                              PC2
                                                          PC3
                                                                      PC4
## ï..Age
                         -0.2770835197
                                       0.28772859 -0.066409841
                                                              0.207061847
## Attrition
                          0.1136550999 -0.14403631 -0.118905631
                                                              0.212008954
## BusinessTravel
                         -0.0035052736
                                       0.04655590 -0.073709829
                                                              0.044213515
## DailyRate
                          0.0009288049
                                       0.08793151 0.043851312 -0.041835991
## Department
                         -0.0107687126 -0.34525178 -0.196335630
                                                              0.061287585
## DistanceFromHome
                         -0.0019088131 -0.02583387 0.058454831
                                                              0.004900222
## Education
                         -0.0768008863
                                       0.11338338 -0.062455898
                                                              0.088757850
## EducationField
                          0.0198131006 -0.05361893 -0.015323844 -0.029654125
                          0.0073996296 0.03236600 0.008820132 -0.072348196
## EmployeeNumber
## EnvironmentSatisfaction -0.0055815999 0.02896701 -0.027925502 -0.053261509
## Gender
                          0.0265875658
                                       0.03833218
                                                  0.040903781 -0.074988585
## HourlyRate
                          0.0087825077
                                       0.07823356
                                                  0.010843543 -0.027918669
  JobInvolvement
                          -0.0034493545 0.08164235
                                                  0.002271699 -0.086314491
## JobLevel
                          -0.3793882155 0.11811398 -0.104013181
                                                              0.161859039
## JobRole
                          0.0629459820 -0.35455723 -0.181978649
                                                              0.036564769
## JobSatisfaction
                          ## MaritalStatus
                          0.0597723550 -0.30720135 -0.219653232
                                                              0.426864671
## MonthlyIncome
                         -0.3712110884
                                       0.13779508 -0.100270795
                                                              0.172974561
## MonthlyRate
                                       0.01027027 -0.061421088
                         -0.0047312655
                                                              0.091327652
## NumCompaniesWorked
                         ## OverTime
                          0.0120943643 -0.01654755 -0.061509397
                                                              0.104286626
## PercentSalaryHike
                          0.0150336175 -0.07716826 0.594989308
                                                              0.339297006
## PerformanceRating
                         -0.0002238331 -0.09023957
                                                  0.601252308
                                                              0.332127572
## RelationshipSatisfaction -0.0160215694 0.04745802 -0.072798540
                                                              0.039892019
## StockOptionLevel
                         -0.0304765158
                                       0.26576622  0.229954227  -0.439641835
## TotalWorkingYears
                         -0.3999927618
                                       0.15020663 -0.058671662
                                                              0.158759709
## TrainingTimesLastYear
                          0.0091535670 -0.05150389
                                                  0.003082895 -0.079229528
## WorkLifeBalance
                         -0.0134308045 -0.03988636 -0.010969978 -0.023318338
                         -0.3856623757 -0.22155889
## YearsAtCompany
                                                  0.053420664 -0.130771605
## YearsInCurrentRole
                          -0.3318982990 -0.26386848
                                                  0.101139681 -0.182806894
## YearsSinceLastPromotion -0.2905036466 -0.22046259 0.044515900 -0.101603691
## YearsWithCurrManager
                         -0.3259780930 -0.26937290
                                                  0.092224859 -0.180796337
##
                                               PC6
                                                           PC7
                                   PC5
## ï..Age
                          -0.0949872076
                                       0.019460202 -0.021170816 -0.029395233
## Attrition
                          0.0398252327 -0.562644140 -0.056986335 0.041906049
## BusinessTravel
                                       0.048109040 -0.107046510 -0.049439133
                          -0.0008369589
## DailyRate
                          -0.0926389243
                                       ## Department
                         -0.5702997579
                                       0.066545839 -0.009562634 -0.021237433
## DistanceFromHome
                         -0.0473072483 -0.295157581 -0.126756879 -0.061546135
## Education
                         -0.0832699425
                                       0.010154387 -0.338411482 -0.158517819
## EducationField
                                       0.0174605940
## EmployeeNumber
                         -0.0166440153 -0.051357696 -0.399925510 0.333722017
## EnvironmentSatisfaction
                          0.0353437338
                                       0.067564729 0.327433137 0.216826540
## Gender
                          0.0660038200 -0.030838305 0.028199945 -0.098532582
## HourlyRate
                         -0.0409587064 -0.070007154 -0.387438203 -0.231433720
## JobInvolvement
                         ## JobLevel
                         -0.1139178351 0.041212181 0.074257668 0.100182859
## JobRole
                         -0.5523060979
                                       0.061392430 -0.010787925 -0.068212811
## JobSatisfaction
```

```
## MaritalStatus
                        ## MonthlyIncome
                       -0.0249604492 -0.040654462 0.106264512 0.330874181
## MonthlyRate
## NumCompaniesWorked
                       -0.1326809959 -0.032205012 -0.082597602 -0.030579702
## OverTime
                       -0.0490415572 -0.515701519 0.326797352 -0.048766671
## PercentSalaryHike
                       -0.1246460690 0.050321166 -0.001410505 -0.001058593
## PerformanceRating
                                    0.022018769 -0.001705063 0.009164059
                       -0.0966936243
## RelationshipSatisfaction 0.0646155109
                                    0.042008819
                                              0.222845139 -0.288532746
## StockOptionLevel
                       -0.3476466680 -0.173717446 0.013509570 0.092705126
## TotalWorkingYears
                       -0.0337829316 -0.007033426 0.011671275
                                                          0.022878943
## TrainingTimesLastYear
                       -0.0040561137
                                    0.305531990 -0.100172910 0.239698716
## WorkLifeBalance
                       ## YearsAtCompany
                        0.1133817685 -0.065715209 -0.012376206 -0.031511252
                        0.0761967400 -0.033222281 -0.028032331 -0.058667194
## YearsInCurrentRole
## YearsSinceLastPromotion
                        0.0968131493 -0.123125769 -0.016026205 -0.015874801
## YearsWithCurrManager
                        0.1151213032 -0.033914403 -0.066303968 -0.094327650
##
                                         PC10
                                                     PC11
                               PC9
                                                                PC12
## ï..Age
                        0.011386034 0.033244482 0.0023861825
                                                          0.0282189762
## Attrition
                       -0.058171560 -0.139132738 -0.1754665266
                                                         0.0311424677
## BusinessTravel
                       -0.379722242 -0.309928799
                                             0.2888682871
                                                          0.1687621623
## DailyRate
                       -0.235791159 -0.148809808 0.0668352918 0.0424838968
## Department
                        0.1529079574 -0.2014371920
## DistanceFromHome
                        0.084297097
                                   0.210882314
## Education
                                   0.220334584
                                             0.0383766952 0.2960086741
                        0.145937447
## EducationField
                       ## EmployeeNumber
                        0.087360703 0.212689505
                                             0.1530012761 0.2203063128
## EnvironmentSatisfaction -0.247560137
                                   0.456441647
                                              0.2687161399
                                                          0.2932670942
## Gender
                        ## HourlyRate
                       ## JobInvolvement
                       -0.140552067 0.271579693 0.2724818463
                                                         0.0079303370
## JobLevel
                        0.040204157 -0.084924045 -0.0296981366 -0.0421416919
## JobRole
                        0.0465244909
## JobSatisfaction
                        0.435501461 -0.132420669
                                             0.1871971502
                                                          0.1370598427
                        0.022110985 0.052422048 0.0759396696 0.0432182520
## MaritalStatus
## MonthlyIncome
                        0.029954096 -0.101703791 -0.0372251116 -0.0386330030
## MonthlyRate
                        ## NumCompaniesWorked
                       -0.074364176  0.082092859  -0.1282737130
                                                         0.0827139681
## OverTime
                       -0.185324318  0.084956579  0.1081523750
                                                          0.0505483622
## PercentSalaryHike
                       -0.030383879
                                   0.034672127
                                             0.0026192936
                                                          0.0152712038
## PerformanceRating
                       0.0035168769
## RelationshipSatisfaction -0.055612111
                                  0.372990474 -0.3497504063 -0.4123992900
## StockOptionLevel
                       -0.007520281 -0.034153010 -0.0421672899 -0.0307175421
## TotalWorkingYears
                       -0.007693625 -0.044644231 -0.0113338164 0.0099773121
## TrainingTimesLastYear
                       -0.175949444 -0.244139703 -0.1068493800 -0.2902774103
## WorkLifeBalance
                       ## YearsAtCompany
                       -0.008835292 -0.008263972 0.0008497405
                                                         0.0018549084
## YearsInCurrentRole
                       -0.045620424
                                   0.048656714
                                             0.0437367105
                                                         0.0307152128
## YearsSinceLastPromotion
                       -0.031961934
                                   0.047847665 -0.0518801674 -0.0041542856
  YearsWithCurrManager
                       -0.029849743
                                   0.036891422
                                             0.0300814131 0.0301815490
##
                              PC13
                                         PC14
                                                    PC15
                                                                PC16
## ï..Age
                        0.046042528
                                   0.050348387 -0.049688834 -0.0532602212
## Attrition
                        -0.389896766 -0.228210168 -0.355942727 -0.0434886132
## BusinessTravel
                        0.459687502 -0.042505161 0.334959667 0.2378903569
## DailyRate
```

```
## Department
                         0.012626622 -0.060585561 0.054879501 -0.0572759890
## DistanceFromHome
                         0.472110409 -0.224591184 -0.426369384 0.1582871802
                                                           0.0440416541
## Education
                         ## EducationField
                         0.401029384 -0.123006372 -0.190040547 -0.0175774019
## EmployeeNumber
                         0.191748019 -0.172894283 0.053527296 -0.1271919499
## EnvironmentSatisfaction
                         0.001329338 -0.028177832 0.213613143 -0.0923547755
## Gender
                        -0.040327063 -0.602233696
                                               0.026514457 -0.2294605813
## HourlyRate
                        -0.052318231 -0.285506972 0.268837770
                                                           0.3703085651
  JobInvolvement
                        -0.098335530 -0.153344777 -0.192316003 -0.2102168301
  JobLevel
                        -0.004906955 -0.186536564 -0.019012700
                                                           0.0304093001
## JobRole
                        -0.048231789 -0.005064548 0.037262302 -0.0643617405
## JobSatisfaction
                         0.138859429 -0.013367214 -0.330781739
                                                           0.2724372595
## MaritalStatus
                         0.082546528 -0.036574120 0.020359130
                                                           0.0622303920
## MonthlyIncome
                                                           0.0290013680
                        -0.019485362 -0.198209607 -0.010759238
                         ## MonthlyRate
## NumCompaniesWorked
                         0.062400317
                                    0.212716009 0.141047871 -0.0650108641
## OverTime
                        0.0557740678
## PercentSalaryHike
                        -0.021382642 -0.022254354 -0.008805833 -0.0449000831
## PerformanceRating
                        -0.052677407 -0.005596156 0.002921961 -0.0418947061
## RelationshipSatisfaction -0.067566641 0.067048963 -0.145951501 -0.2518170448
## StockOptionLevel
                        ## TotalWorkingYears
                         0.027388010 -0.056992171 -0.004494832 -0.0004876817
## TrainingTimesLastYear
                         ## WorkLifeBalance
                        -0.256613262 -0.018935573 -0.201157207
                                                           0.6157086648
                        ## YearsAtCompany
## YearsInCurrentRole
                        -0.004901715 0.076741425
                                                0.037336388
                                                           0.0347626124
## YearsSinceLastPromotion
                         0.015198321 0.099757561
                                                0.047840343 -0.0626768022
  YearsWithCurrManager
                        -0.007261608
                                     0.077262782
                                                0.031046529 -0.0264053087
##
                               PC17
                                            PC18
                                                      PC19
                                                                  PC20
## ï..Age
                        -0.061520458 -0.0012482070 -0.07707899
                                                           0.050299317
## Attrition
                         ## BusinessTravel
                         0.063597666 -0.2414656821 -0.20488229 -0.237817641
## DailyRate
                        -0.062074497 0.1770607441
                                                0.04530541 -0.487345296
                        -0.007396933 -0.0538256233 -0.01269543
## Department
                                                           0.003207010
## DistanceFromHome
                         0.212550788 -0.4037222068
                                                0.13980002 -0.157956284
## Education
                        ## EducationField
                         0.211645964 0.1411067996 -0.18560067
                                                           0.489591978
## EmployeeNumber
                        -0.413040066 0.1256979308 0.29306030
                                                           0.043315824
## EnvironmentSatisfaction -0.170896553 -0.3692161078 -0.13508967 -0.088963136
## Gender
                         0.023270017 \quad 0.1166135747 \ -0.31487669 \ -0.262575468
## HourlyRate
                        -0.351558857 -0.0796312138 -0.37763415
                                                           0.280627057
## JobInvolvement
                         0.117895187
                                    0.4340104459
                                                0.28360233 0.104382137
## JobLevel
                        -0.014940230 0.0001213582 0.15224527
                                                           0.008285653
## JobRole
                         0.004997254 -0.0380169872 -0.00880268
                                                           0.024079354
## JobSatisfaction
                        0.270677162
## MaritalStatus
                        -0.066259478 -0.0229097159
                                                 0.01719825
                                                           0.001662669
                                                            0.012681653
## MonthlyIncome
                        -0.026262690
                                    0.0093343022 0.15101765
## MonthlyRate
                         0.310794699
                                    0.3628567046 -0.40541012 -0.063367547
## NumCompaniesWorked
                         0.137970955 -0.0473091191 -0.09045145
                                                            0.028066989
## OverTime
                        -0.403540587
                                    0.2891388668
                                                0.04972583
                                                            0.001730961
## PercentSalaryHike
                        -0.027651889 0.0071484694 -0.01252173 -0.010509643
## PerformanceRating
                        0.011622309
## RelationshipSatisfaction -0.218355762 -0.2148010428 -0.02715567
                                                            0.007985655
## StockOptionLevel
                         0.015981326 -0.0139232629 -0.04713257
                                                           0.022131471
```

```
## TotalWorkingYears
                          ## TrainingTimesLastYear
                          ## WorkLifeBalance
                           0.062985220
                                       ## YearsAtCompany
                          -0.022108465 0.0077801529 -0.03889449 -0.006450595
## YearsInCurrentRole
                           0.035052168
                                       0.0229192743 -0.06838993 -0.049428225
## YearsSinceLastPromotion
                                       0.0154796871 -0.11619346 -0.014084205
                           0.017715733
## YearsWithCurrManager
                           0.034429536
                                       0.0108079009 -0.04824859 -0.001625552
##
                                   PC21
                                                PC22
                                                            PC23
## ï..Age
                           0.0537969186
                                        0.0437720623 -0.340459637
                                                                  0.602941808
## Attrition
                           0.0319656905
                                        0.2099574728
                                                     0.480551613
                                                                  0.035754519
## BusinessTravel
                          -0.3544885453
                                        0.0315789283
                                                     0.019887629
                                                                  0.017306882
                          -0.2337813082 -0.0651573879
                                                     0.029020180
## DailyRate
                                                                  0.047518192
## Department
                           0.0050356887
                                        0.0141581881
                                                     0.024430430
                                                                  0.015001097
## DistanceFromHome
                           0.1223545889
                                        0.0805698235 -0.099337169 -0.008331012
## Education
                           0.0670657290 -0.4011323997
                                                     0.161363024 -0.112126555
## EducationField
                          -0.0815867376 -0.1599147397 -0.006988212 -0.018615276
## EmployeeNumber
                          -0.4799057702
                                        0.0267238673
                                                     0.016759602  0.013326337
## EnvironmentSatisfaction
                           0.2951042053
                                        0.0866218017
                                                     0.220723088 -0.008915086
## Gender
                           0.0893876692
                                        0.0385149396 -0.144347568 -0.027451380
## HourlyRate
                           0.1406894468
                                        0.0284640844
                                                     0.065886519 -0.031722561
## JobInvolvement
                           0.2082190801
                                        0.2024249450
                                                     0.211043672 0.021145463
## JobLevel
                           0.0800586564 -0.1614387797
                                                      0.236649545 -0.188241526
## JobRole
                                        0.0119205179 -0.118045593
                                                                 0.046037044
                          -0.0239084676
## JobSatisfaction
                                        0.2869827680
                                                      0.178068723 -0.024898742
                          -0.1725261289
## MaritalStatus
                          -0.0008727769
                                        0.0382139762 -0.054566119 -0.025835452
## MonthlyIncome
                           0.0680425501 -0.1713585454
                                                     0.257554534 -0.190044068
## MonthlyRate
                          -0.1760024946 -0.0705750683 -0.024181296 -0.032648348
## NumCompaniesWorked
                          -0.1318238858
                                        0.6347703038 -0.136128194 -0.349406352
## OverTime
                           0.1059946720 -0.0927927555 -0.366673534 -0.101733396
## PercentSalaryHike
                          -0.0094861301 -0.0154268223
                                                     0.020974620 -0.010175635
## PerformanceRating
                          -0.0164106483 -0.0027439750
                                                     0.040517511 -0.010375051
## RelationshipSatisfaction -0.4279018761 -0.1270242354
                                                     0.130346338 -0.043542326
## StockOptionLevel
                          -0.0359274214
                                        0.0321140583
                                                     0.113437513 -0.024407202
                           0.0263654998 -0.0009871573 -0.075014140
## TotalWorkingYears
                                                                 0.064408156
## TrainingTimesLastYear
                           0.3175583569
                                        0.1999239815 -0.018462638 -0.061633811
## WorkLifeBalance
                                        0.1416348661 -0.001194357
                                                                 0.070184242
                          -0.0228625921
## YearsAtCompany
                          -0.0249066413
                                        0.0233495047 -0.030967188 -0.063599848
## YearsInCurrentRole
                          -0.0713322516
                                        0.1282931818 -0.139258071 -0.190763910
## YearsSinceLastPromotion
                          -0.0770110699
                                        0.2207959131
                                                     0.281670824
                                                                  0.527986618
## YearsWithCurrManager
                          -0.0408223662
                                        0.0706379597 -0.185820442 -0.271491314
##
                                   PC25
                                               PC26
                                                            PC27
                                                                         PC28
                          -0.3771954985 -0.060460030 0.0419731776
## ï..Age
                                                                 0.039326263
## Attrition
                          -0.4459008967
                                        0.037359620 -0.0421282163
                                                                 0.019603495
## BusinessTravel
                           0.0120808398
                                        ## DailyRate
                          -0.0161919075 -0.016870941 -0.0289247015 -0.036585944
## Department
                          ## DistanceFromHome
                           0.0724395113
                                        0.031481256 -0.0082064852 -0.006893946
## Education
                           0.0725511525
                                        0.029715486 0.0170369635 0.005302011
## EducationField
                           0.0070047292 -0.004651991 -0.0009736878
                                                                 0.012833791
## EmployeeNumber
                          -0.0233256264
                                        0.048377727
                                                    0.0154581965 -0.003344161
                                        0.016811318 -0.0128751364 -0.014918510
## EnvironmentSatisfaction -0.1296927799
## Gender
                           0.0632131129 -0.037768449 -0.0116741462 0.007928205
## HourlyRate
                           0.0093298834
                                        0.040903028 -0.0109444516
                                                                  0.002792229
                          -0.0603760213 -0.012866643 0.0110614873 0.009413617
## JobInvolvement
```

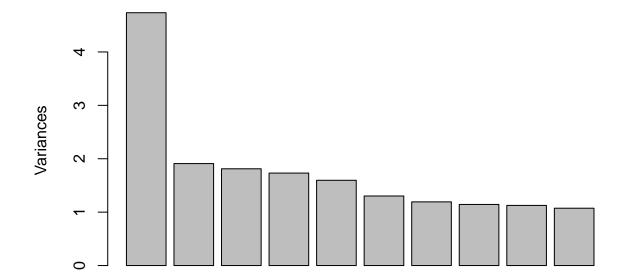
```
## JobLevel
                        0.0985817428 -0.027258352 -0.0051875850 0.015520703
## JobRole
                       ## JobSatisfaction
## MaritalStatus
                        0.0427369788 -0.673383104 -0.2026682158 0.035561455
## MonthlyIncome
                        0.039878139
## MonthlyRate
                       -0.0124976367 -0.006654447 -0.0161238550 -0.019587224
## NumCompaniesWorked
                        0.2144637151 0.030063362 0.0162062207 -0.026619977
## OverTime
                        0.2686228392 -0.040639952 0.0433513016 -0.014740090
## PercentSalaryHike
                       -0.0002103328 -0.021855178 -0.0194528188 -0.008652317
## PerformanceRating
                        ## RelationshipSatisfaction -0.0975015934 -0.007518596 -0.0020744265 0.019597567
## StockOptionLevel
                       -0.0527966393 -0.658894504 -0.2159350458
                                                         0.009485927
## TotalWorkingYears
                       -0.1282030050
                                   0.016373350 -0.0925595392 -0.053574139
## TrainingTimesLastYear
                                   0.031428985 -0.0325388641 0.004569058
                        0.0141578796
## WorkLifeBalance
                       -0.0570100099
                                   ## YearsAtCompany
                       -0.1184022773
                                   0.058791102 -0.0322642083 -0.068691201
## YearsInCurrentRole
                       -0.1154082056 -0.003584704 0.0881614608 0.760387060
## YearsSinceLastPromotion
                        0.5983059702 -0.003565705 -0.0207086904 -0.081969984
## YearsWithCurrManager
                       -0.2261427444 -0.028811102 -0.0238754237 -0.622700915
                             PC29
                                         PC30
                                                     PC31
##
                                                                PC32
## ï..Age
                        0.052217885 -0.2615582304 0.2310758920 -0.0120977830
## Attrition
                        0.025747284 -0.0421965911 -0.0256497756 0.0048347288
## BusinessTravel
                        0.005791215 -0.0070978465 0.0093264776
                                                         0.0095107389
## DailvRate
                       -0.018796127 -0.0008178897 0.0220086073
                                                          0.0040412746
## Department
                       ## DistanceFromHome
                       -0.012562471 -0.0021741659 0.0122194407 -0.0154314006
## Education
                       ## EducationField
                        0.006579047 \ -0.0052743899 \ \ 0.0129279175 \ \ 0.0036727642
                       -0.002796943 -0.0063853921 -0.0009168551 0.0039490321
## EmployeeNumber
## EnvironmentSatisfaction
                        ## Gender
                       -0.017810710 -0.0018923829 -0.0018760241 0.0039033078
## HourlyRate
                        0.011438791 - 0.0100413489 - 0.0048715500 0.0101050482
## JobInvolvement
                       ## JobLevel
                        0.033192297 -0.1983608870 0.1070590309
                                                         0.7192062823
## JobRole
                       -0.014544997 -0.0328899317
                                              0.0148910142
                                                         0.0379668074
## JobSatisfaction
                       -0.006782743 -0.0141370072 -0.0142456796 -0.0022431852
## MaritalStatus
                       -0.040003802 0.0240291729 0.0287060247 -0.0043116247
## MonthlyIncome
                        0.048838427 -0.1985779361 0.1306049382 -0.6894657821
## MonthlyRate
                       -0.004042623 0.0061714160
                                              0.0110695305 -0.0026288647
## NumCompaniesWorked
                        0.007073183 \quad 0.0249510530 \quad 0.1140737575 \quad 0.0033791410
## OverTime
                        0.003554601 -0.0007879052 0.0055559710
                                                         0.0017713734
## PercentSalaryHike
                        0.0101309667
## PerformanceRating
                       -0.692404142 -0.1198771769
                                             0.0519513129 -0.0038017679
## RelationshipSatisfaction 0.007294064 -0.0021780096 -0.0245477790 0.0028701930
## StockOptionLevel
                       -0.037110124 0.0375955590 0.0119643564 -0.0076816916
## TotalWorkingYears
                       ## TrainingTimesLastYear
                       -0.008949345 -0.0062798627 -0.0137765538 -0.0003836094
## WorkLifeBalance
                        ## YearsAtCompany
                       ## YearsInCurrentRole
                        0.041361626 -0.1999692542 -0.1495894024 -0.0061315187
## YearsSinceLastPromotion
                        0.028094913 -0.0853934665 -0.0830551251
                                                         0.0092241429
                        0.067160160 -0.3896860742 -0.1572100596 -0.0251400627
## YearsWithCurrManager
```

#### summary(emp\_pca)

plot(emp\_pca)

```
## Importance of components:
##
                            PC1
                                    PC2
                                             PC3
                                                     PC4
                                                            PC5
                                                                   PC6
                                                                           PC7
                          2.176 1.38189 1.34613 1.31589 1.2636 1.1412 1.09204
## Standard deviation
## Proportion of Variance 0.148 0.05968 0.05663 0.05411 0.0499 0.0407 0.03727
## Cumulative Proportion 0.148 0.20764 0.26426 0.31837 0.3683 0.4090 0.44624
                              PC8
                                      PC9
                                             PC10
                                                              PC12
                                                                      PC13
##
                                                      PC11
                                                                              PC14
## Standard deviation
                          1.06975 1.06120 1.03623 1.02673 1.01632 1.00296 1.00050
## Proportion of Variance 0.03576 0.03519 0.03356 0.03294 0.03228 0.03144 0.03128
  Cumulative Proportion 0.48200 0.51719 0.55075 0.58369 0.61597 0.64740 0.67869
##
                                                             PC19
                                                                     PC20
                             PC15
                                     PC16
                                             PC17
                                                      PC18
                                                                             PC21
## Standard deviation
                          0.98242 0.97384 0.96898 0.95153 0.9397 0.93278 0.92152
## Proportion of Variance 0.03016 0.02964 0.02934 0.02829 0.0276 0.02719 0.02654
## Cumulative Proportion 0.70885 0.73848 0.76782 0.79612 0.8237 0.85091 0.87744
                             PC22
                                    PC23
                                             PC24
                                                     PC25
                                                             PC26
                                                                     PC27
##
                          0.87844 0.7798 0.72047 0.70003 0.57039 0.56378 0.52782
## Standard deviation
## Proportion of Variance 0.02411 0.0190 0.01622 0.01531 0.01017 0.00993 0.00871
## Cumulative Proportion 0.90156 0.9206 0.93678 0.95209 0.96226 0.97219 0.98090
                             PC29
                                     PC30
                                             PC31
                                                      PC32
##
## Standard deviation
                          0.47360 0.44731 0.37493 0.21514
## Proportion of Variance 0.00701 0.00625 0.00439 0.00145
## Cumulative Proportion 0.98791 0.99416 0.99855 1.00000
```

### emp\_pca



```
(eigen_data <- round(emp_pca$sdev^2,2))</pre>
## [1] 4.73 1.91 1.81 1.73 1.60 1.30 1.19 1.14 1.13 1.07 1.05 1.03 1.01 1.00 0.97
## [16] 0.95 0.94 0.91 0.88 0.87 0.85 0.77 0.61 0.52 0.49 0.33 0.32 0.28 0.22 0.20
## [31] 0.14 0.05
names(eigen_data) <- paste("PC",1:12,sep="")</pre>
eigen_data
## PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 PC10 PC11 PC12 <NA> <NA> <NA> <NA>
## 4.73 1.91 1.81 1.73 1.60 1.30 1.19 1.14 1.13 1.07 1.05 1.03 1.01 1.00 0.97 0.95
## 0.94 0.91 0.88 0.87 0.85 0.77 0.61 0.52 0.49 0.33 0.32 0.28 0.22 0.20 0.14 0.05
sumlambdas <- sum(eigen_data)</pre>
sumlambdas
## [1] 32
propvar <- round(eigen_data/sumlambdas,2)</pre>
propvar
## PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 PC10 PC11 PC12 <NA> <NA> <NA> <NA>
cumvar_data <- cumsum(propvar)</pre>
cumvar_data
## PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 PC10 PC11 PC12 <NA> <NA> <NA> <NA>
## 0.15 0.21 0.27 0.32 0.37 0.41 0.45 0.49 0.53 0.56 0.59 0.62 0.65 0.68 0.71 0.74
## 0.77 0.80 0.83 0.86 0.89 0.91 0.93 0.95 0.97 0.98 0.99 1.00 1.01 1.02 1.02 1.02
matlambdas <- rbind(eigen_data,propvar,cumvar_data)</pre>
matlambdas
            PC1 PC2 PC3 PC4 PC5 PC6 PC7 PC8 PC9 PC10 PC11 PC12 <NA>
##
## eigen data 4.73 1.91 1.81 1.73 1.60 1.30 1.19 1.14 1.13 1.07 1.05 1.03 1.01
           0.15 0.06 0.06 0.05 0.05 0.04 0.04 0.04 0.04 0.03 0.03 0.03
## propvar
## cumvar data 0.15 0.21 0.27 0.32 0.37 0.41 0.45 0.49 0.53 0.56 0.59 0.62 0.65
           ##
## eigen_data 1.00 0.97 0.95 0.94 0.91 0.88 0.87 0.85 0.77 0.61 0.52 0.49 0.33
           ## propvar
## cumvar data 0.68 0.71 0.74 0.77 0.80 0.83 0.86 0.89 0.91 0.93 0.95 0.97 0.98
           <NA> <NA> <NA> <NA> <NA> <NA>
## eigen_data 0.32 0.28 0.22 0.20 0.14 0.05
## propvar
           0.01 0.01 0.01 0.01 0.00 0.00
## cumvar_data 0.99 1.00 1.01 1.02 1.02 1.02
```

```
rownames(matlambdas) <- c("Eigenvalues", "Prop. variance", "Cum. prop. variance")
rownames (matlambdas)
## [1] "Eigenvalues"
                         "Prop. variance"
                                            "Cum. prop. variance"
eigvec.data <- emp_pca$rotation</pre>
print(emp_pca)
## Standard deviations (1, .., p=32):
  [1] 2.1759457 1.3818908 1.3461309 1.3158896 1.2636260 1.1412018 1.0920421
  [8] 1.0697527 1.0611954 1.0362341 1.0267322 1.0163191 1.0029624 1.0005006
## [15] 0.9824203 0.9738426 0.9689810 0.9515259 0.9397410 0.9327753 0.9215221
  [22] 0.8784389 0.7797522 0.7204740 0.7000265 0.5703871 0.5637817 0.5278234
  [29] 0.4736000 0.4473075 0.3749341 0.2151410
##
## Rotation (n x k) = (32 \times 32):
                                           PC2
                                                      PC3
                                                                  PC4
##
                                PC1
                                    0.28772859 -0.066409841
## ï..Age
                        -0.2770835197
                                                           0.207061847
## Attrition
                         0.1136550999 -0.14403631 -0.118905631
                                                           0.212008954
## BusinessTravel
                        -0.0035052736
                                     0.04655590 -0.073709829
                                                           0.044213515
## DailyRate
                         ## Department
                        -0.0107687126 -0.34525178 -0.196335630
                                                           0.061287585
## DistanceFromHome
                        -0.0019088131 -0.02583387 0.058454831
                                                           0.004900222
## Education
                        -0.0768008863 0.11338338 -0.062455898
                                                          0.088757850
## EducationField
                         0.0198131006 -0.05361893 -0.015323844 -0.029654125
## EmployeeNumber
                         ## EnvironmentSatisfaction -0.0055815999 0.02896701 -0.027925502 -0.053261509
## Gender
                         0.0265875658 0.03833218 0.040903781 -0.074988585
## HourlyRate
                         ## JobInvolvement
                        ## JobLevel
                        -0.3793882155  0.11811398  -0.104013181
                                                           0.161859039
## JobRole
                         0.0629459820 -0.35455723 -0.181978649
                                                           0.036564769
## JobSatisfaction
                         ## MaritalStatus
                         0.0597723550 -0.30720135 -0.219653232 0.426864671
## MonthlyIncome
                        -0.3712110884 0.13779508 -0.100270795
                                                           0.172974561
## MonthlyRate
                        -0.0047312655 0.01027027 -0.061421088 0.091327652
## NumCompaniesWorked
                        -0.0480513180 0.35650130 -0.117228321 0.262473227
## OverTime
                         0.0120943643 -0.01654755 -0.061509397
                                                          0.104286626
## PercentSalaryHike
                         0.0150336175 -0.07716826 0.594989308 0.339297006
## PerformanceRating
                        -0.0002238331 -0.09023957 0.601252308 0.332127572
## RelationshipSatisfaction -0.0160215694 0.04745802 -0.072798540
                                                           0.039892019
## StockOptionLevel
                        -0.0304765158
                                     0.26576622 0.229954227 -0.439641835
## TotalWorkingYears
                        ## TrainingTimesLastYear
                         0.0091535670 -0.05150389 0.003082895 -0.079229528
## WorkLifeBalance
                        -0.0134308045 -0.03988636 -0.010969978 -0.023318338
## YearsAtCompany
                        -0.3856623757 -0.22155889
                                               0.053420664 -0.130771605
## YearsInCurrentRole
                        -0.3318982990 -0.26386848 0.101139681 -0.182806894
## YearsSinceLastPromotion -0.2905036466 -0.22046259 0.044515900 -0.101603691
## YearsWithCurrManager
                        -0.3259780930 -0.26937290 0.092224859 -0.180796337
##
                                 PC5
                                            PC6
                                                       PC7
## ï..Age
                        ## Attrition
                         0.0398252327 -0.562644140 -0.056986335 0.041906049
## BusinessTravel
```

```
## DailyRate
                        ## Department
                                    0.066545839 -0.009562634 -0.021237433
                        -0.5702997579
                        -0.0473072483 -0.295157581 -0.126756879 -0.061546135
## DistanceFromHome
## Education
                        -0.0832699425
                                    0.010154387 -0.338411482 -0.158517819
## EducationField
                        0.0174605940
                                    0.048175780 0.068076843
                                                          0.117244693
                        -0.0166440153 -0.051357696 -0.399925510 0.333722017
## EmployeeNumber
## EnvironmentSatisfaction
                        0.0353437338
                                    0.067564729 0.327433137
                                                          0.216826540
## Gender
                        0.0660038200 -0.030838305 0.028199945 -0.098532582
## HourlyRate
                        -0.0409587064 -0.070007154 -0.387438203 -0.231433720
## JobInvolvement
                        -0.0287700246
                                    0.181012227 -0.108821681 -0.479926771
## JobLevel
                        -0.1139178351
                                    0.041212181 0.074257668 0.100182859
## JobRole
                                    0.061392430 -0.010787925 -0.068212811
                        -0.5523060979
## JobSatisfaction
                        -0.0305186113
                                    ## MaritalStatus
                        0.3092362441
                                    0.174419279 -0.086487867 -0.061673797
## MonthlyIncome
                                    0.038643066 0.074249401 0.098984203
                        -0.0956631652
## MonthlyRate
                        -0.0249604492 -0.040654462
                                               0.106264512
                                                          0.330874181
## NumCompaniesWorked
                        -0.1326809959 -0.032205012 -0.082597602 -0.030579702
## OverTime
                        -0.0490415572 -0.515701519 0.326797352 -0.048766671
                        -0.1246460690 0.050321166 -0.001410505 -0.001058593
## PercentSalaryHike
## PerformanceRating
                        -0.0966936243
                                    0.022018769 -0.001705063 0.009164059
## RelationshipSatisfaction 0.0646155109
                                    ## StockOptionLevel
                        -0.3476466680 -0.173717446 0.013509570 0.092705126
## TotalWorkingYears
                        -0.0337829316 -0.007033426 0.011671275
                                                           0.022878943
## TrainingTimesLastYear
                                    0.305531990 -0.100172910
                        -0.0040561137
                                                          0.239698716
## WorkLifeBalance
                        ## YearsAtCompany
                        0.1133817685 -0.065715209 -0.012376206 -0.031511252
## YearsInCurrentRole
                        0.0761967400 -0.033222281 -0.028032331 -0.058667194
                         0.0968131493 -0.123125769 -0.016026205 -0.015874801
## YearsSinceLastPromotion
                        0.1151213032 -0.033914403 -0.066303968 -0.094327650
## YearsWithCurrManager
##
                               PC9
                                          PC10
                                                      PC11
                                                                  PC12
## ï..Age
                         0.011386034 0.033244482
                                              0.0023861825
                                                           0.0282189762
## Attrition
                        -0.058171560 -0.139132738 -0.1754665266
                                                           0.0311424677
## BusinessTravel
                        -0.379722242 -0.309928799
                                               0.2888682871
                                                           0.1687621623
## DailyRate
                        -0.235791159 -0.148809808
                                              ## Department
                        ## DistanceFromHome
                        ## Education
                        ## EducationField
                        ## EmployeeNumber
                        0.087360703
                                    0.212689505
                                               0.1530012761
                                                           0.2203063128
## EnvironmentSatisfaction -0.247560137 0.456441647
                                               0.2687161399
                                                           0.2932670942
## Gender
                        0.312027241
                                   0.114236044 -0.3816451670 0.2858798931
## HourlyRate
                        -0.152186238  0.021352056
                                              0.0454294911 -0.2895386903
## JobInvolvement
                        -0.140552067 0.271579693
                                              0.2724818463
                                                          0.0079303370
## JobLevel
                        0.040204157 -0.084924045 -0.0296981366 -0.0421416919
## JobRole
                        0.0465244909
## JobSatisfaction
                        0.435501461 -0.132420669
                                               0.1871971502
                                                           0.1370598427
## MaritalStatus
                        0.022110985 0.052422048
                                              0.0759396696
                                                          0.0432182520
## MonthlyIncome
                        0.029954096 -0.101703791 -0.0372251116 -0.0386330030
## MonthlyRate
                        0.068183132
                                   0.198349865
                                              0.3963006909 -0.4367749546
## NumCompaniesWorked
                        -0.074364176
                                    0.082092859 -0.1282737130
                                                           0.0827139681
## OverTime
                        -0.185324318   0.084956579
                                              0.1081523750
                                                           0.0505483622
## PercentSalaryHike
                        0.0152712038
## PerformanceRating
                        0.0035168769
## RelationshipSatisfaction -0.055612111 0.372990474 -0.3497504063 -0.4123992900
```

```
## StockOptionLevel
                       -0.007520281 -0.034153010 -0.0421672899 -0.0307175421
## TotalWorkingYears
                       -0.007693625 -0.044644231 -0.0113338164 0.0099773121
## TrainingTimesLastYear
                       -0.175949444 -0.244139703 -0.1068493800 -0.2902774103
## WorkLifeBalance
                       ## YearsAtCompany
                       -0.008835292 -0.008263972 0.0008497405 0.0018549084
## YearsInCurrentRole
                       ## YearsSinceLastPromotion
                       ## YearsWithCurrManager
##
                              PC13
                                        PC14
                                                   PC15
                                                               PC16
                        0.046042528 \quad 0.050348387 \quad -0.049688834 \quad -0.0532602212
## ï..Age
## Attrition
                        0.023932388
                                  0.026043592 -0.015682372 -0.0292474689
## BusinessTravel
                       -0.389896766 -0.228210168 -0.355942727 -0.0434886132
## DailyRate
                        0.459687502 -0.042505161 0.334959667
                                                        0.2378903569
                        0.012626622 -0.060585561 0.054879501 -0.0572759890
## Department
## DistanceFromHome
                        0.472110409 -0.224591184 -0.426369384
                                                        0.1582871802
## Education
                        0.095129646 0.446530184 -0.227283994
                                                        0.0440416541
## EducationField
                        0.401029384 -0.123006372 -0.190040547 -0.0175774019
## EmployeeNumber
                        0.191748019 -0.172894283 0.053527296 -0.1271919499
## EnvironmentSatisfaction
                        0.001329338 -0.028177832 0.213613143 -0.0923547755
## Gender
                       -0.040327063 -0.602233696 0.026514457 -0.2294605813
## HourlyRate
                       -0.052318231 -0.285506972 0.268837770 0.3703085651
## JobInvolvement
                       -0.098335530 -0.153344777 -0.192316003 -0.2102168301
## JobLevel
                       -0.004906955 -0.186536564 -0.019012700
                                                        0.0304093001
## JobRole
                       -0.048231789 -0.005064548 0.037262302 -0.0643617405
## JobSatisfaction
                        0.138859429 -0.013367214 -0.330781739
                                                        0.2724372595
## MaritalStatus
                        0.082546528 -0.036574120 0.020359130
                                                        0.0622303920
## MonthlyIncome
                       -0.019485362 -0.198209607 -0.010759238 0.0290013680
## MonthlyRate
                        ## NumCompaniesWorked
                        0.062400317 \quad 0.212716009 \quad 0.141047871 \quad -0.0650108641
## OverTime
                       -0.021382642 -0.022254354 -0.008805833 -0.0449000831
## PercentSalaryHike
## PerformanceRating
                       -0.052677407 -0.005596156 0.002921961 -0.0418947061
## RelationshipSatisfaction -0.067566641 0.067048963 -0.145951501 -0.2518170448
## StockOptionLevel
                       ## TotalWorkingYears
                        0.027388010 -0.056992171 -0.004494832 -0.0004876817
## TrainingTimesLastYear
                        ## WorkLifeBalance
                       -0.256613262 -0.018935573 -0.201157207 0.6157086648
## YearsAtCompany
                       ## YearsInCurrentRole
                       -0.004901715
                                  0.076741425
                                             0.037336388
                                                        0.0347626124
## YearsSinceLastPromotion
                        0.015198321 0.099757561
                                             0.047840343 -0.0626768022
## YearsWithCurrManager
                       -0.007261608
                                  ##
                             PC17
                                         PC18
                                                   PC19
                                                              PC20
                       -0.061520458 -0.0012482070 -0.07707899
## ï..Age
                                                        0.050299317
## Attrition
                        ## BusinessTravel
                        0.063597666 -0.2414656821 -0.20488229 -0.237817641
                       ## DailyRate
## Department
                       -0.007396933 -0.0538256233 -0.01269543
                                                        0.003207010
## DistanceFromHome
                        0.212550788 -0.4037222068 0.13980002 -0.157956284
## Education
                       -0.034521472 0.0988650668 -0.37423925 -0.199585926
## EducationField
                        0.211645964 0.1411067996 -0.18560067
                                                        0.489591978
## EmployeeNumber
                       -0.413040066 0.1256979308 0.29306030
                                                        0.043315824
## EnvironmentSatisfaction -0.170896553 -0.3692161078 -0.13508967 -0.088963136
## Gender
                        ## HourlyRate
                       -0.351558857 -0.0796312138 -0.37763415 0.280627057
```

```
## JobInvolvement
                            0.117895187  0.4340104459  0.28360233
                                                                   0.104382137
## JobLevel
                            -0.014940230 0.0001213582 0.15224527
                                                                   0.008285653
                            0.004997254 -0.0380169872 -0.00880268
                                                                   0.024079354
## JobRole
## JobSatisfaction
                            -0.232218821 0.0621010126 -0.23353056
                                                                   0.270677162
## MaritalStatus
                            -0.066259478 -0.0229097159
                                                       0.01719825
                                                                   0.001662669
## MonthlyIncome
                           -0.026262690 0.0093343022 0.15101765
                                                                   0.012681653
## MonthlyRate
                             0.310794699 0.3628567046 -0.40541012 -0.063367547
## NumCompaniesWorked
                                                                    0.028066989
                            0.137970955 -0.0473091191 -0.09045145
## OverTime
                            -0.403540587
                                         0.2891388668 0.04972583
                                                                    0.001730961
## PercentSalaryHike
                            -0.027651889
                                         0.0071484694 -0.01252173 -0.010509643
## PerformanceRating
                            0.011622309
## RelationshipSatisfaction -0.218355762 -0.2148010428 -0.02715567
                                                                   0.007985655
## StockOptionLevel
                             0.015981326 -0.0139232629 -0.04713257
                                                                   0.022131471
## TotalWorkingYears
                            -0.010516775 0.0022359306 0.02727865
                                                                   0.027610436
                            -0.405888548
## TrainingTimesLastYear
                                         0.1163806168 -0.13031494 -0.263666506
## WorkLifeBalance
                             0.062985220
                                         0.2098812174
                                                       0.09337942 -0.247947572
## YearsAtCompany
                                         0.0077801529 -0.03889449 -0.006450595
                            -0.022108465
## YearsInCurrentRole
                             0.035052168
                                         0.0229192743 -0.06838993 -0.049428225
## YearsSinceLastPromotion
                             0.017715733
                                         0.0154796871 -0.11619346 -0.014084205
## YearsWithCurrManager
                             0.034429536
                                         0.0108079009 -0.04824859 -0.001625552
                                                               PC23
##
                                    PC21
                                                  PC22
                                                                            PC24
## ï..Age
                             0.0537969186
                                          0.0437720623 -0.340459637
                                                                     0.602941808
## Attrition
                             0.0319656905
                                          0.2099574728
                                                        0.480551613
                                                                     0.035754519
## BusinessTravel
                                          0.0315789283
                                                        0.019887629
                            -0.3544885453
                                                                     0.017306882
                            -0.2337813082 -0.0651573879
                                                        0.029020180 0.047518192
## DailyRate
## Department
                            0.0050356887
                                          0.0141581881
                                                        0.024430430
                                                                     0.015001097
## DistanceFromHome
                             0.1223545889
                                          0.0805698235 -0.099337169 -0.008331012
## Education
                             0.0670657290 -0.4011323997
                                                        0.161363024 -0.112126555
## EducationField
                            -0.0815867376 -0.1599147397 -0.006988212 -0.018615276
## EmployeeNumber
                            -0.4799057702
                                          0.0267238673
                                                        ## EnvironmentSatisfaction
                             0.2951042053
                                          0.0866218017
                                                        0.220723088 -0.008915086
## Gender
                             0.0893876692
                                          0.0385149396 -0.144347568 -0.027451380
## HourlyRate
                            0.1406894468
                                          0.0284640844
                                                        0.065886519 -0.031722561
  JobInvolvement
                                          0.2024249450
                                                        0.211043672 0.021145463
                             0.2082190801
## JobLevel
                             0.0800586564 -0.1614387797
                                                        0.236649545 -0.188241526
## JobRole
                                          0.0119205179 -0.118045593 0.046037044
                            -0.0239084676
## JobSatisfaction
                            -0.1725261289
                                          0.2869827680
                                                        0.178068723 -0.024898742
## MaritalStatus
                            -0.0008727769
                                          0.0382139762 -0.054566119 -0.025835452
## MonthlyIncome
                             0.0680425501 -0.1713585454
                                                        0.257554534 -0.190044068
## MonthlyRate
                            -0.1760024946 -0.0705750683 -0.024181296 -0.032648348
## NumCompaniesWorked
                                          0.6347703038 -0.136128194 -0.349406352
                            -0.1318238858
## OverTime
                            0.1059946720 -0.0927927555 -0.366673534 -0.101733396
## PercentSalaryHike
                            -0.0094861301 -0.0154268223
                                                        0.020974620 -0.010175635
## PerformanceRating
                            -0.0164106483 -0.0027439750
                                                        0.040517511 -0.010375051
## RelationshipSatisfaction -0.4279018761 -0.1270242354
                                                        0.130346338 -0.043542326
## StockOptionLevel
                            -0.0359274214
                                          0.0321140583
                                                        0.113437513 -0.024407202
## TotalWorkingYears
                             0.0263654998 -0.0009871573 -0.075014140 0.064408156
## TrainingTimesLastYear
                                          0.1999239815 -0.018462638 -0.061633811
                            0.3175583569
## WorkLifeBalance
                            -0.0228625921
                                          0.1416348661 -0.001194357
                                                                     0.070184242
## YearsAtCompany
                            -0.0249066413
                                          0.0233495047 -0.030967188 -0.063599848
## YearsInCurrentRole
                            -0.0713322516
                                          0.1282931818 -0.139258071 -0.190763910
## YearsSinceLastPromotion
                           -0.0770110699
                                          0.2207959131 0.281670824 0.527986618
## YearsWithCurrManager
                            -0.0408223662
                                          0.0706379597 -0.185820442 -0.271491314
##
                                    PC25
                                                 PC26
                                                               PC27
                                                                            PC28
```

```
-0.3771954985 -0.060460030 0.0419731776 0.039326263
## ï..Age
## Attrition
                      ## BusinessTravel
                       -0.0161919075 -0.016870941 -0.0289247015 -0.036585944
## DailyRate
## Department
                      ## DistanceFromHome
                       ## Education
                                   0.029715486 0.0170369635 0.005302011
                       0.0725511525
## EducationField
                       0.0070047292 -0.004651991 -0.0009736878 0.012833791
## EmployeeNumber
                       -0.0233256264
                                   ## EnvironmentSatisfaction -0.1296927799
                                   0.016811318 -0.0128751364 -0.014918510
## Gender
                       0.0632131129 -0.037768449 -0.0116741462
                                                        0.007928205
## HourlyRate
                       0.0093298834 0.040903028 -0.0109444516
                                                         0.002792229
  JobInvolvement
                       -0.0603760213 -0.012866643 0.0110614873
                                                         0.009413617
## JobLevel
                       0.0985817428 -0.027258352 -0.0051875850 0.015520703
## JobRole
                                   0.225962367 -0.6582684572 0.046230026
                       -0.0032136187
## JobSatisfaction
                      -0.0882657004
                                   0.055425577 -0.0009585135 -0.023317674
                       0.0427369788 -0.673383104 -0.2026682158
                                                         0.035561455
## MaritalStatus
## MonthlyIncome
                       0.039878139
                      -0.0124976367 -0.006654447 -0.0161238550 -0.019587224
## MonthlyRate
## NumCompaniesWorked
                       ## OverTime
                       0.2686228392 -0.040639952 0.0433513016 -0.014740090
## PercentSalaryHike
                       -0.0002103328 -0.021855178 -0.0194528188 -0.008652317
## PerformanceRating
                       0.0000410718 \quad 0.037400959 \quad 0.0213004223 \quad -0.004746915
## RelationshipSatisfaction -0.0975015934 -0.007518596 -0.0020744265
                                                         0.019597567
## StockOptionLevel
                      -0.0527966393 -0.658894504 -0.2159350458 0.009485927
## TotalWorkingYears
                       -0.1282030050 0.016373350 -0.0925595392 -0.053574139
## TrainingTimesLastYear
                       ## WorkLifeBalance
                       -0.0570100099
                                   ## YearsAtCompany
                      ## YearsInCurrentRole
                      -0.1154082056 -0.003584704 0.0881614608 0.760387060
## YearsSinceLastPromotion
                       0.5983059702 -0.003565705 -0.0207086904 -0.081969984
## YearsWithCurrManager
                       -0.2261427444 -0.028811102 -0.0238754237 -0.622700915
##
                                        PC30
                                                    PC31
                             PC29
                                                               PC32
                       0.052217885 -0.2615582304 0.2310758920 -0.0120977830
## ï..Age
## Attrition
                       0.025747284 -0.0421965911 -0.0256497756
                                                        0.0048347288
## BusinessTravel
                       0.005791215 -0.0070978465 0.0093264776
                                                        0.0095107389
## DailyRate
                       -0.018796127 -0.0008178897 0.0220086073 0.0040412746
## Department
                       ## DistanceFromHome
                       -0.012562471 -0.0021741659 0.0122194407 -0.0154314006
## Education
                      ## EducationField
                       0.006579047 -0.0052743899 0.0129279175
                                                        0.0036727642
## EmployeeNumber
                      -0.002796943 -0.0063853921 -0.0009168551 0.0039490321
## EnvironmentSatisfaction
                       0.002003020 0.0025894535 -0.0082471156 -0.0055094819
## Gender
                      -0.017810710 -0.0018923829 -0.0018760241 0.0039033078
                       0.011438791 -0.0100413489 -0.0048715500 0.0101050482
## HourlyRate
                      ## JobInvolvement
## JobLevel
                       0.033192297 -0.1983608870 0.1070590309
                                                         0.7192062823
## JobRole
                      -0.014544997 -0.0328899317 0.0148910142 0.0379668074
## JobSatisfaction
                      -0.006782743 -0.0141370072 -0.0142456796 -0.0022431852
## MaritalStatus
                      -0.040003802 0.0240291729
                                            0.0287060247 -0.0043116247
                       0.048838427 -0.1985779361 0.1306049382 -0.6894657821
## MonthlyIncome
                      ## MonthlyRate
## NumCompaniesWorked
                       0.007073183 0.0249510530 0.1140737575 0.0033791410
## OverTime
                       0.003554601 -0.0007879052 0.0055559710 0.0017713734
```

```
## PercentSalaryHike
                   ## PerformanceRating
                   -0.692404142 -0.1198771769 0.0519513129 -0.0038017679
## RelationshipSatisfaction 0.007294064 -0.0021780096 -0.0245477790 0.0028701930
## StockOptionLevel
                  ## TotalWorkingYears
                  ## TrainingTimesLastYear
                  -0.008949345 -0.0062798627 -0.0137765538 -0.0003836094
## WorkLifeBalance
                   ## YearsAtCompany
## YearsInCurrentRole
                   0.041361626 -0.1999692542 -0.1495894024 -0.0061315187
                   0.028094913 -0.0853934665 -0.0830551251 0.0092241429
## YearsSinceLastPromotion
## YearsWithCurrManager
                   0.067160160 -0.3896860742 -0.1572100596 -0.0251400627
```

pcafactors.data <- eigvec.data[,1:5]
pcafactors.data</pre>

```
##
                                PC1
                                          PC2
                                                     PC3
                                                                 PC4
## ï..Age
                        -0.2770835197
                                    0.28772859 -0.066409841
                                                          0.207061847
## Attrition
                                                          0.212008954
                        0.1136550999 -0.14403631 -0.118905631
## BusinessTravel
                                    0.04655590 -0.073709829
                       -0.0035052736
                                                          0.044213515
## DailyRate
                        0.0009288049
                                    0.08793151 0.043851312 -0.041835991
## Department
                       -0.0107687126 -0.34525178 -0.196335630
                                                          0.061287585
## DistanceFromHome
                       -0.0019088131 -0.02583387 0.058454831
                                                         0.004900222
## Education
                       ## EducationField
                        0.0198131006 -0.05361893 -0.015323844 -0.029654125
## EmployeeNumber
                        ## EnvironmentSatisfaction -0.0055815999 0.02896701 -0.027925502 -0.053261509
## Gender
                        0.0265875658 0.03833218 0.040903781 -0.074988585
## HourlyRate
                        0.0087825077
                                    ## JobInvolvement
                       ## JobLevel
                       -0.3793882155
                                    0.11811398 -0.104013181
                                                          0.161859039
## JobRole
                        0.0629459820 -0.35455723 -0.181978649
                                                          0.036564769
## JobSatisfaction
                        ## MaritalStatus
                        0.0597723550 -0.30720135 -0.219653232  0.426864671
## MonthlyIncome
                       -0.3712110884 0.13779508 -0.100270795 0.172974561
## MonthlyRate
                       -0.0047312655 0.01027027 -0.061421088 0.091327652
## NumCompaniesWorked
                       -0.0480513180
                                    0.35650130 -0.117228321
                                                          0.262473227
## OverTime
                        0.0120943643 -0.01654755 -0.061509397 0.104286626
## PercentSalaryHike
                        0.0150336175 -0.07716826 0.594989308 0.339297006
## PerformanceRating
                        -0.0002238331 -0.09023957 0.601252308
                                                         0.332127572
## RelationshipSatisfaction -0.0160215694 0.04745802 -0.072798540
                                                          0.039892019
## StockOptionLevel
                       ## TotalWorkingYears
                       ## TrainingTimesLastYear
                        0.0091535670 -0.05150389 0.003082895 -0.079229528
## WorkLifeBalance
                       -0.0134308045 -0.03988636 -0.010969978 -0.023318338
## YearsAtCompany
                       -0.3856623757 -0.22155889 0.053420664 -0.130771605
## YearsInCurrentRole
                       -0.3318982990 -0.26386848 0.101139681 -0.182806894
## YearsSinceLastPromotion -0.2905036466 -0.22046259 0.044515900 -0.101603691
                       -0.3259780930 -0.26937290 0.092224859 -0.180796337
## YearsWithCurrManager
##
                                PC5
                        -0.0949872076
## ï..Age
## Attrition
                        0.0398252327
## BusinessTravel
                       -0.0008369589
## DailyRate
                       -0.0926389243
## Department
                       -0.5702997579
```

```
## DistanceFromHome
                            -0.0473072483
## Education
                            -0.0832699425
## EducationField
                            0.0174605940
## EmployeeNumber
                            -0.0166440153
## EnvironmentSatisfaction
                            0.0353437338
## Gender
                            0.0660038200
## HourlyRate
                            -0.0409587064
## JobInvolvement
                            -0.0287700246
## JobLevel
                            -0.1139178351
## JobRole
                           -0.5523060979
## JobSatisfaction
                           -0.0305186113
## MaritalStatus
                            0.3092362441
## MonthlyIncome
                           -0.0956631652
## MonthlyRate
                           -0.0249604492
## NumCompaniesWorked
                           -0.1326809959
## OverTime
                            -0.0490415572
## PercentSalaryHike
                           -0.1246460690
## PerformanceRating
                            -0.0966936243
## RelationshipSatisfaction 0.0646155109
## StockOptionLevel
                           -0.3476466680
## TotalWorkingYears
                           -0.0337829316
## TrainingTimesLastYear
                           -0.0040561137
## WorkLifeBalance
                           -0.0312430115
## YearsAtCompany
                            0.1133817685
                            0.0761967400
## YearsInCurrentRole
## YearsSinceLastPromotion
                            0.0968131493
## YearsWithCurrManager
                            0.1151213032
```

```
unrot.fact.data <- sweep(pcafactors.data,MARGIN=2,emp_pca$sdev[1:4], `*`)
```

## Warning in sweep(pcafactors.data, MARGIN = 2, emp\_pca\$sdev[1:4], `\*`): STATS
## does not recycle exactly across MARGIN

#### unrot.fact.data

```
##
                            PC1
                                     PC2
                                               PC3
                                                        PC4
## ï..Age
                     -0.6029186957 0.39760949 -0.089396341 0.27247053
## Attrition
                     0.1570589370 -0.19389173 -0.156466684
                                                   0.46131997
## BusinessTravel
                     0.06109825
## DailyRate
                     ## Department
                     -0.0234321339 -0.47710026 -0.264293465 0.08064770
                     -0.0026377712 -0.03477578 0.076920105
## DistanceFromHome
                                                   0.01066262
## Education
                     ## EducationField
                     0.0260718532 -0.11667188 -0.021175880 -0.03991833
## EmployeeNumber
                     ## EnvironmentSatisfaction -0.0077131616 0.03899339 -0.036746878 -0.11589415
## Gender
                     ## HourlyRate
                     ## JobInvolvement
                     -0.0075056082 \quad 0.11282082 \quad 0.003058004 \ -0.11358034
## JobLevel
                     -0.5242730847
                                0.15899688 -0.136869864 0.35219648
## JobRole
                     0.0847335333 - 0.46655818 - 0.395975660 0.05052852
## JobSatisfaction
                     0.0083342705 -0.05611170 0.043010800 -0.02589360
                     0.1300613995 -0.42451872 -0.295682010 0.56170679
## MaritalStatus
```

```
## MonthlyIncome
                           -0.5129731880 0.18549022 -0.131945297 0.37638325
## MonthlyRate
                           ## NumCompaniesWorked
                           -0.0632302300 0.77572748 -0.161996739 0.35332333
## OverTime
                            0.0263166802 -0.02286691 -0.082799701
                                                                 0.13722969
## PercentSalaryHike
                            0.0207748178 -0.10387858 0.782940247
                                                                 0.73829187
## PerformanceRating
                           -0.0003013086 -0.11874532 1.308292380 0.45896404
## RelationshipSatisfaction -0.0210826166 0.10326608 -0.100599632 0.05369988
## StockOptionLevel
                           -0.0663152437
                                         0.36725990  0.309548497  -0.57852012
## TotalWorkingYears
                           -0.5527463178  0.20219779  -0.077205430
                                                                 0.34545251
## TrainingTimesLastYear
                           0.0123218997 -0.06777344 0.006708212 -0.10948656
## WorkLifeBalance
                           -0.0176734561 -0.08679056 -0.015159311 -0.03138954
## YearsAtCompany
                           -0.8391803916 -0.30617019 0.071911209 -0.17208100
## YearsInCurrentRole
                           ## YearsSinceLastPromotion
                           -0.3910559442 -0.29010444 0.096864182 -0.14040521
## YearsWithCurrManager
                           -0.4289511853 -0.58614080 0.127444685 -0.24337554
##
                                   PC5
                           -0.206687007
## i..Age
## Attrition
                            0.055034123
## BusinessTravel
                           -0.001126656
## DailyRate
                           -0.121902598
## Department
                           -1.240941311
## DistanceFromHome
                           -0.065373451
## Education
                           -0.112092245
## EducationField
                           0.022976214
## EmployeeNumber
                           -0.036216474
## EnvironmentSatisfaction
                           0.048841181
## Gender
                           0.088849784
## HourlyRate
                           -0.053897136
## JobInvolvement
                           -0.062602012
## JobLevel
                           -0.157422008
## JobRole
                           -0.743476322
## JobSatisfaction
                           -0.040159123
## MaritalStatus
                           0.672881278
                           -0.132196048
## MonthlyIncome
## MonthlyRate
                           -0.033600033
## NumCompaniesWorked
                           -0.174593544
## OverTime
                           -0.106711766
## PercentSalaryHike
                           -0.172247256
## PerformanceRating
                           -0.130162279
## RelationshipSatisfaction 0.085026879
## StockOptionLevel
                          -0.756460275
## TotalWorkingYears
                           -0.046684322
## TrainingTimesLastYear
                           -0.005460060
## WorkLifeBalance
                           -0.041112354
## YearsAtCompany
                            0.246712573
## YearsInCurrentRole
                           0.105295574
## YearsSinceLastPromotion
                            0.130323175
## YearsWithCurrManager
                            0.151486927
communalities.data <- rowSums(unrot.fact.data^2)</pre>
communalities.data
```

ï..Age

0.646555673

Attrition

0.302588211

BusinessTravel

0.033234114

##

##

##	DailyRate	Department	DistanceFromHome
	J .	-	
##	0.058314167	1.844464152	0.011520395
##	Education	EducationField	EmployeeNumber
##	0.079026481	0.016861866	0.012775757
##	${\tt EnvironmentSatisfaction}$	Gender	${\tt HourlyRate}$
##	0.018747226	0.030379659	0.033654350
##	${ t JobInvolvement}$	JobLevel	JobRole
##	0.029613728	0.467699683	0.936963200
##	${ t JobSatisfaction}$	MaritalStatus	${ t MonthlyIncome}$
##	0.007351146	1.052843693	0.474097825
##	${ t MonthlyRate}$	NumCompaniesWorked	OverTime
##	0.035141873	0.787314409	0.038290642
##	${\tt PercentSalaryHike}$	PerformanceRating	${\tt RelationshipSatisfaction}$
##	1.198961780	1.953319697	0.031341894
##	${\tt StockOptionLevel}$	${ t TotalWorking Years}$	${\tt TrainingTimesLastYear}$
##	1.142015497	0.473889979	0.016807186
##	WorkLifeBalance	YearsAtCompany	${\tt YearsInCurrentRole}$
##	0.010750286	0.893614101	0.523552374
##	YearsSinceLastPromotion	${\tt YearsWithCurrManager}$	
##	0.283165757	0.625982252	

## #Performing the varimax rotation

rot.fact.data <- varimax(unrot.fact.data)
unrot.fact.data</pre>

##		PC1	PC2	PC3	PC4
##	ïAge	-0.6029186957	0.39760949	-0.089396341	0.27247053
##	Attrition	0.1570589370	-0.19389173	-0.156466684	0.46131997
##	BusinessTravel	-0.0047185572	0.06126243	-0.160388587	0.06109825
##	DailyRate	0.0012222048	0.19133419	0.060597725	-0.05631672
##	Department	-0.0234321339	-0.47710026	-0.264293465	0.08064770
##	DistanceFromHome	-0.0026377712	-0.03477578	0.076920105	0.01066262
##	Education	-0.1033840485	0.14920001		0.12265366
##	EducationField	0.0260718532	-0.11667188	-0.021175880	-0.03991833
##	EmployeeNumber	0.0161011922	0.04472627	0.011873052	-0.09520224
##	${\tt EnvironmentSatisfaction}$	-0.0077131616	0.03899339	-0.036746878	-0.11589415
##	Gender	0.0357903446	0.05044092	0.089004406	-0.10362604
##	HourlyRate	0.0115568107	0.17023199	0.014984592	-0.03758218
##	JobInvolvement	-0.0075056082	0.11282082	0.003058004	-0.11358034
##	JobLevel	-0.5242730847	0.15899688	-0.136869864	0.35219648
##	JobRole	0.0847335333	-0.46655818	-0.395975660	0.05052852
##	JobSatisfaction	0.0083342705	-0.05611170	0.043010800	-0.02589360
##	MaritalStatus	0.1300613995	-0.42451872	-0.295682010	0.56170679
	MonthlyIncome	-0.5129731880	0.18549022	-0.131945297	0.37638325
##	MonthlyRate	-0.0063689028	0.01351454	-0.133648953	0.12620484
##	NumCompaniesWorked	-0.0632302300	0.77572748	-0.161996739	0.35332333
##	OverTime	0.0263166802	-0.02286691	-0.082799701	0.13722969
##	PercentSalaryHike	0.0207748178	-0.10387858	0.782940247	0.73829187
##	PerformanceRating	-0.0003013086	-0.11874532	1.308292380	0.45896404
##	${\tt RelationshipSatisfaction}$	-0.0210826166		-0.100599632	0.05369988
##	StockOptionLevel	-0.0663152437	0.36725990	0.309548497	-0.57852012
##	TotalWorkingYears	-0.5527463178		-0.077205430	0.34545251
##	${\tt Training Times Last Year}$	0.0123218997		0.006708212	
##	WorkLifeBalance	-0.0176734561	-0.08679056	-0.015159311	-0.03138954

```
## YearsAtCompany
                             -0.8391803916 -0.30617019 0.071911209 -0.17208100
                                                        0.133088655 -0.39777788
## YearsInCurrentRole
                            -0.4586472061 -0.35520153
## YearsSinceLastPromotion
                            -0.3910559442 -0.29010444
                                                        0.096864182 -0.14040521
## YearsWithCurrManager
                            -0.4289511853 -0.58614080 0.127444685 -0.24337554
                                      PC5
## ï..Age
                            -0.206687007
## Attrition
                             0.055034123
## BusinessTravel
                            -0.001126656
## DailyRate
                            -0.121902598
## Department
                            -1.240941311
## DistanceFromHome
                            -0.065373451
## Education
                            -0.112092245
## EducationField
                             0.022976214
                            -0.036216474
## EmployeeNumber
## EnvironmentSatisfaction
                             0.048841181
## Gender
                              0.088849784
## HourlyRate
                            -0.053897136
## JobInvolvement
                            -0.062602012
## JobLevel
                            -0.157422008
## JobRole
                             -0.743476322
## JobSatisfaction
                            -0.040159123
## MaritalStatus
                             0.672881278
## MonthlyIncome
                            -0.132196048
## MonthlyRate
                            -0.033600033
                            -0.174593544
## NumCompaniesWorked
## OverTime
                            -0.106711766
## PercentSalaryHike
                            -0.172247256
## PerformanceRating
                            -0.130162279
## RelationshipSatisfaction 0.085026879
## StockOptionLevel
                            -0.756460275
## TotalWorkingYears
                            -0.046684322
## TrainingTimesLastYear
                            -0.005460060
## WorkLifeBalance
                            -0.041112354
                             0.246712573
## YearsAtCompany
## YearsInCurrentRole
                              0.105295574
## YearsSinceLastPromotion
                             0.130323175
## YearsWithCurrManager
                              0.151486927
```

# fact.load.data<- rot.fact.data\$loadings[1:12,1:5] fact.load.data</pre>

```
##
                           PC1
                                      PC2
                                                PC3
                                                         PC4
## ï..Age
                    -0.785686857 -0.0288509340 -0.008111735 -0.16819146
## Attrition
                                                    0.48173851
                    -0.053999075 0.2017154071 0.042116732
## BusinessTravel
                    0.04107811
                    ## DailyRate
## Department
                    -0.095386497 -0.0067814988
                                          0.232641163 -0.25373293
## DistanceFromHome
                     0.008328671 -0.0149164992 0.095865629 -0.02307703
## Education
                    0.088401800 -0.0656809221 -0.017606750 0.05206821
## EducationField
## EmployeeNumber
                     0.037129910 0.0008260205 -0.019482499 -0.10485748
## EnvironmentSatisfaction 0.039151099 -0.0359715813 -0.092843441 -0.06641779
## Gender
                     0.084680497 -0.0165696473 0.009121109 -0.06627806
## HourlyRate
```

```
##
                                      PC5
## ï..Age
                            -0.008080263
## Attrition
                            -0.158547756
## BusinessTravel
                            -0.040347322
## DailyRate
                             0.020364411
## Department
                            -1.310273738
## DistanceFromHome
                            -0.038804092
## Education
                            -0.078632635
## EducationField
                            -0.041375211
## EmployeeNumber
                             0.004667396
## EnvironmentSatisfaction
                             0.053751611
## Gender
                             0.135861485
## HourlyRate
                             0.044453365
```

scale.data <- scale(emp\_churn)
scale.data</pre>

```
##
               i..Age Attrition BusinessTravel
                                                  DailyRate Department
##
           0.44619856 2.2801299
                                      0.5898476 0.742273931 1.4010356
##
      [2,]
           1.32191535 -0.4382732
                                     -0.9128837 -1.297333107 -0.4936491
##
      [3.]
           0.00834016 2.2801299
                                      0.5898476 1.413882080 -0.4936491
##
      [4,] -0.42951824 -0.4382732
                                                1.460968999 -0.4936491
                                     -0.9128837
##
      [5,] -1.08630583 -0.4382732
                                      0.5898476 -0.524116344 -0.4936491
##
      [6,] -0.53898284 -0.4382732
                                     -0.9128837
                                                0.501882822 -0.4936491
##
      [7,] 2.41656135 -0.4382732
                                      0.5898476 1.292447397 -0.4936491
##
      [8,] -0.75791204 -0.4382732
                                      0.5898476 1.376708198 -0.4936491
##
      [9,] 0.11780476 -0.4382732
                                     -0.9128837 -1.453463415 -0.4936491
##
     [10,] -0.10112444 -0.4382732
                                      0.5898476 1.230490925 -0.4936491
##
     [11,] -0.21058904 -0.4382732
                                      ##
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## [1444,] 0.55566316 -0.4382732
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## [1446,]
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## [1448,] -0.10112444 -0.4382732
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## [1451,] -0.21058904 -0.4382732
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## [1453,]
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##
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##
      [4,]
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                                                                NaN
##
                                                                NaN
      [5,]
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##
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##
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                                                                NaN
                                           -0.9370948
##
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##
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                                                                NaN
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##
     [22,]
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##
     [23,]
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                                           -0.9370948
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##	-				
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##	[221,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[222,]	-0.64050868	1.06142554	0.5651182	NaN
##	[223,]	0.22295710	0.08502032	1.3162247	NaN
##	[224,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[225,]	-1.01056544	1.06142554	0.5651182	NaN
##	[226,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[227,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[228,]	-1.01056544		0.5651182	NaN
##	[229,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[230,]		-1.86779013	0.5651182	NaN
##	[231,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[232,]		-0.89138490	2.0673313	NaN
##	[233,]		-0.89138490	0.5651182	
	•				NaN
##	[234,]	-1.01056544	1.06142554	0.5651182	NaN
##	[235,]	0.59301386	0.08502032	0.5651182	NaN
##	[236,]	0.83971837	0.08502032	-0.1859883	NaN
##	[237,]	-0.88721318		-0.9370948	NaN
##	[238,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[239,]	-0.64050868	-0.89138490	-0.9370948	NaN

##	[240,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[241,]	-1.01056544	1.06142554	0.5651182	NaN
##	[242,]	2.07324091	1.06142554	-0.1859883	NaN
##	[243,]	1.20977513	-0.89138490	-0.9370948	NaN
##	[244,]	1.82653640	-0.89138490	2.0673313	NaN
##	[245,]	-1.01056544	0.08502032	1.3162247	NaN
##	[246,]	-0.76386093	1.06142554	0.5651182	NaN
##	[247,]	-0.51715642	1.06142554	-0.9370948	NaN
	[248,]	-0.88721318	1.06142554	-0.9370948	NaN
## ##	[249,]			0.5651182	NaN
		-1.01056544			
##	[250,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[251,]	0.09960485	0.08502032	0.5651182	NaN
##	[252,]	-0.88721318	1.06142554	2.0673313	NaN
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##	[254,]	0.96307062	-0.89138490	-0.9370948	NaN
##	[255,]	1.33312739	-0.89138490	-0.1859883	NaN
##	[256,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[257,]	-0.88721318	0.08502032	0.5651182	NaN
##	[258,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[259,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[260,]		-0.89138490	0.5651182	NaN
##	[261,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[262,]	-0.88721318		-0.9370948	NaN
	[263,]	-0.88721318		2.0673313	NaN
##	· · · · · · · · · · · · · · · · · · ·				
##	[264,]	-0.88721318	0.08502032	2.0673313	NaN
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##	[266,]	-0.88721318	0.08502032	0.5651182	NaN
##	[267,]	1.70318415	0.08502032	0.5651182	NaN
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##	[269,]	1.33312739	-0.89138490	0.5651182	NaN
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##	[272,]	2.44329767	1.06142554	-0.9370948	NaN
##	[273,]	-0.02374741	0.08502032	0.5651182	NaN
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##	[275,]	-0.76386093	-0.89138490	0.5651182	NaN
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##	[277,]	1.57983189		-0.9370948	NaN
##	[278,]		-0.89138490	0.5651182	NaN
##	[279,]	-1.01056544	0.08502032	-0.9370948	NaN
			-1.86779013		
##	[280,]			-0.9370948	NaN
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##	[286,]	-1.01056544	0.08502032	-0.9370948	NaN
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##	[289,]	0.83971837	1.06142554	0.5651182	NaN
##	[290,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[291,]	0.09960485	1.06142554	-0.9370948	NaN
##	[292,]	-0.76386093	0.08502032	2.0673313	NaN
##	[293,]	-0.51715642	0.08502032	-0.1859883	NaN
	[200,]	0.01/10012	3.00002002	0.1000000	11011

	F004 7				
##	[294,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[295,]	-0.02374741	0.08502032	0.5651182	NaN
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##	[297,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[298,]	0.83971837	0.08502032	-0.1859883	NaN
##	[299,]	1.08642288	1.06142554	-0.9370948	NaN
##	[300,]	-0.88721318	0.08502032	0.5651182	NaN
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##	[304,]	-0.27045191	0.08502032	2.0673313	NaN
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##	[314,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[315,]	0.09960485	-1.86779013	0.5651182	NaN
##	[316,]	0.09960485	1.06142554	-0.9370948	NaN
##	[317,]	-1.01056544	-0.89138490	2.0673313	NaN
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##	[319,]	-0.51715642	0.08502032	-0.9370948	NaN
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##	[339,]	-0.51715642	0.08502032	-0.1859883	NaN
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	[343,]				
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##	[353,]	2.44329767	-1.86779013	0.5651182	NaN
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##	[360,]	-0.76386093	1.06142554	0.5651182	NaN
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##	[366,]	-0.27045191	1.06142554	0.5651182	NaN
##	[367,]	-0.64050868	0.08502032	-0.1859883	NaN
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##	[370,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[371,]	0.34630935	0.08502032	-0.9370948	NaN
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##	[373,]	-0.02374741	1.06142554	-0.9370948	NaN
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##	[377,]	0.59301386	-0.89138490	-0.9370948	NaN
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##	[382,]	-0.88721318	-1.86779013	2.0673313	NaN
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##	[406,]	-0.76386093	0.08502032	0.5651182	NaN
##	[407,]	-0.76386093	0.08502032	0.5651182	NaN
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##	[409,]	-0.64050868		-0.9370948	NaN
##	[410,]		-0.89138490	-0.9370948	NaN
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##	[454,]	0.96307062	1.06142554	-0.9370948	NaN
##	[455,]	1.20977513	0.08502032	2.0673313	NaN

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##	[456,]	-1.01056544	2.03783076	0.5651182	NaN
##	[457,]	-0.27045191	0.08502032	-0.9370948	NaN
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##	[467,]	-0.88721318	2.03783076	-0.9370948	NaN
##	[468,]	-0.02374741	1.06142554	0.5651182	NaN
##	[469,]	-0.39380417	-0.89138490	2.0673313	NaN
##	[470,]	0.22295710	1.06142554	1.3162247	NaN
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##	[486,]	-0.39380417	1.06142554	0.5651182	NaN
##	[487,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[488,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[489,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[490,]	-0.39380417	1.06142554	1.3162247	NaN
##	[491,]		-1.86779013	-0.9370948	NaN
##	[492,]	-0.02374741	2.03783076	0.5651182	NaN
	[493,]	-1.01056544	1.06142554	-0.9370948	NaN
## ##	[494,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[494,]	0.59301386	0.08502032	2.0673313	NaN
				-0.1859883	
##	[496,]		-1.86779013 -1.86779013		NaN
##	[497,]			2.0673313	NaN
##	[498,]	-0.76386093	1.06142554	1.3162247	NaN
##	[499,]			0.5651182	NaN
##	[500,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[501,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[502,]	-0.76386093	0.08502032	0.5651182	NaN
##	[503,]	-1.01056544	-1.86779013	0.5651182	NaN
##	[504,]	-1.01056544	2.03783076	-0.9370948	NaN NaN
##	[505,]	2.07324091	1.06142554	-0.9370948	NaN NaN
##	[506,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[507,]	-0.76386093	0.08502032	1.3162247	NaN
##	[508,]		-0.89138490	0.5651182	NaN
##	[509,]	-0.39380417	1.06142554	-0.9370948	NaN

##	[510,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[511,]	1.20977513	1.06142554	0.5651182	NaN
##	[512,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[513,]	-0.76386093	1.06142554	0.5651182	NaN
##	[514,]	0.09960485	-1.86779013	0.5651182	NaN
##	[515,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[516,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[517,]	-0.64050868	0.08502032	0.5651182	NaN
##	[518,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[519,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[520,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[521,]	-0.88721318		-0.1859883	NaN
##	[522,]	-0.76386093		0.5651182	NaN
##	[523,]		-0.89138490	-0.9370948	NaN
##	[524,]		-1.86779013	0.5651182	NaN
##	[525,]	-0.02374741	0.08502032	0.5651182	NaN
##	[526,]	-0.76386093		-0.9370948	NaN
##	[527,]	-0.88721318	1.06142554	2.0673313	NaN
##	[528,]	0.09960485	0.08502032	-0.1859883	NaN
##	[529,]	-0.14709966		2.0673313	NaN
##	[530,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[531,]	-1.01056544		-0.9370948	NaN
##	[532,]	-0.76386093		-0.9370948	NaN
##	[533,]	0.70300093	1.06142554	-0.1859883	NaN
##	[534,]	-0.51715642	1.06142554	-0.1839883	NaN
##	[535,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[536,]	0.09960485	1.06142554	-1.6882013	NaN
	[537,]	0.83971837	1.06142554	-0.1859883	NaN
##	[538,]				
##		0.09960485	-0.89138490	-0.9370948	NaN NaN
##	[539,]	-1.01056544	0.08502032	-1.6882013	NaN NaN
##	[540,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[541,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[542,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[543,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[544,]	1.82653640	0.08502032	0.5651182	NaN
##	[545,]	-0.76386093	0.08502032	0.5651182	NaN
##	[546,]	2.19659316	2.03783076	-0.1859883	NaN
##	[547,]	0.09960485	0.08502032	-0.9370948	NaN
##	[548,]	1.20977513	0.08502032	0.5651182	NaN
##	[549,]	0.71636612	0.08502032	-0.9370948	NaN
##	[550,]		-0.89138490	0.5651182	NaN
##	[551,]	-0.02374741	-1.86779013	0.5651182	NaN
##	[552,]	-0.76386093	0.08502032	-1.6882013	NaN
##	[553,]	-0.02374741	0.08502032	0.5651182	NaN
##	[554,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[555,]	-0.27045191	0.08502032	0.5651182	NaN
##	[556,]	0.09960485	0.08502032	-0.1859883	NaN
##	[557,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[558,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[559,]	1.82653640	1.06142554	-0.9370948	NaN
##	[560,]	-0.88721318	2.03783076	0.5651182	NaN
##	[561,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[562,]	-0.76386093	1.06142554	-0.1859883	NaN
##	[563,]	-1.01056544	1.06142554	1.3162247	NaN

##	[564,]		-1.86779013	0.5651182	NaN
##	[565,]	-0.88721318	-0.89138490	2.0673313	NaN
##	[566,]	0.09960485	-1.86779013	0.5651182	NaN
##	[567,]	2.19659316	-0.89138490	-0.9370948	NaN
##	[568,]	-0.88721318	0.08502032	1.3162247	NaN
##	[569,]	-0.88721318	0.08502032	0.5651182	NaN
##	[570,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[571,]	1.20977513	1.06142554	0.5651182	NaN
##	[572,]	-1.01056544		-0.9370948	NaN
##	[573,]	2.19659316	0.08502032	0.5651182	NaN
##	[574,]	-0.14709966	0.08502032	2.0673313	NaN
##	[575,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[576,]	1.20977513	1.06142554	0.5651182	NaN
##	[577,]		-1.86779013	-0.1859883	NaN
##	[578,]	0.09960485	-1.86779013	-0.9370948	NaN
##	[579,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[580,]	-0.88721318	1.06142554	0.5651182	NaN
##	[581,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[582,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[583,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[584,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[585,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[586,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[587,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[588,]	0.22295710	1.06142554	-0.9370948	NaN
	[589,]	-0.88721318	0.08502032	0.5651182	NaN
##					
##	[590,]		-0.89138490	-0.9370948	NaN
##	[591,]	-0.27045191	0.08502032	0.5651182	NaN
##	[592,]	0.83971837	0.08502032	-0.1859883	NaN
##	[593,]		-0.89138490	1.3162247	NaN
##	[594,]	-1.01056544	0.08502032	1.3162247	NaN
##	[595,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[596,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[597,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[598,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[599,]	-0.88721318	1.06142554	0.5651182	NaN
##	[600,]	0.46966161	0.08502032	-1.6882013	NaN
##	[601,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[602,]	0.83971837	1.06142554	0.5651182	NaN
##	[603,]	-0.88721318	0.08502032	0.5651182	NaN
##	[604,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[605,]	2.44329767	0.08502032	-0.9370948	NaN
##	[606,]	0.34630935	0.08502032	-0.9370948	NaN
		0.83971837			
##	[607,]		1.06142554	-0.9370948	NaN
##	[608,]	0.22295710	0.08502032	-0.1859883	NaN
##	[609,]		-1.86779013	0.5651182	NaN
##	[610,]		-0.89138490	-0.9370948	NaN
##	[611,]		-1.86779013	2.0673313	NaN
##	[612,]	-0.27045191	0.08502032	1.3162247	NaN
##	[613,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[614,]	-0.76386093	-0.89138490	-1.6882013	NaN
##	[615,]	-0.51715642	-0.89138490	0.5651182	NaN
##	[616,]	-0.76386093	0.08502032	0.5651182	NaN
##	[617,]	2.07324091	1.06142554	-0.1859883	NaN

##	[618,]	-0.64050868	0.08502032	0.5651182	NaN
##	[619,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[620,]	-1.01056544	0.08502032	0.5651182	NaN
##	[621,]	2.19659316	-1.86779013	0.5651182	NaN
##	[622,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[623,]	0.46966161	1.06142554	-0.9370948	NaN
##	[624,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[625,]	-0.27045191		-0.1859883	NaN
##	[626,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[627,]	-0.14709966		0.5651182	NaN
##	[628,]	1.94988866	1.06142554	0.5651182	NaN
##	[629,]	0.83971837	1.06142554	-0.1859883	NaN
##	[630,]	-0.14709966		0.5651182	NaN
	-				
##	[631,]	-1.01056544		-0.9370948	NaN
##	[632,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[633,]	-0.88721318		0.5651182	NaN
##	[634,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[635,]	-0.76386093		1.3162247	NaN
##	[636,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[637,]	1.94988866	1.06142554	-0.9370948	NaN
##	[638,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[639,]	-0.64050868	-1.86779013	-0.1859883	NaN
##	[640,]	-1.01056544	0.08502032	2.0673313	NaN
##	[641,]	-0.64050868	-1.86779013	-0.9370948	NaN
##	[642,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[643,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[644,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[645,]	0.22295710	1.06142554	-0.9370948	NaN
##	[646,]	-1.01056544	0.08502032	0.5651182	NaN
##	[647,]	-0.14709966	0.08502032	-0.1859883	NaN
##	[648,]	1.94988866	0.08502032	2.0673313	NaN
##	[649,]		-0.89138490	0.5651182	NaN
##	[650,]	1.70318415	1.06142554	-0.9370948	NaN
##	[651,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[652,]	-0.88721318		-0.1859883	NaN
##	[653,]		-0.89138490	0.5651182	NaN
	[654,]	-0.88721318	1.06142554	-0.9370948	
##					NaN
##	[655,]	-0.88721318		-0.9370948	NaN NaN
##	[656,]	-0.76386093		-1.6882013	NaN
##	[657,]	1.94988866	1.06142554	-0.9370948	NaN
##	[658,]	-0.27045191		0.5651182	NaN
##	[659,]	-0.02374741		-0.9370948	NaN
##	[660,]	-0.51715642	1.06142554	0.5651182	NaN
##	[661,]	-0.88721318		-0.9370948	NaN
##	[662,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[663,]	-0.88721318	0.08502032	0.5651182	NaN
##	[664,]		-1.86779013	1.3162247	NaN
##	[665,]	0.59301386	-1.86779013	-0.9370948	NaN
##	[666,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[667,]	-0.76386093	-1.86779013	-0.9370948	NaN
##	[668,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[669,]	-0.02374741	0.08502032	0.5651182	NaN
##	[670,]	-0.39380417	0.08502032	0.5651182	NaN
##	[671,]	-0.64050868	0.08502032	-0.9370948	NaN

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##	[672,]	0.09960485	0.08502032	-0.9370948	NaN
##	[673,]		-0.89138490	0.5651182	NaN
##	[674,]	-1.01056544	1.06142554	1.3162247	NaN
##	[675,]	-0.51715642	0.08502032	2.0673313	NaN
##	[676,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[677,]	1.45647964	-1.86779013	-0.9370948	NaN
##	[678,]	-0.14709966	-0.89138490	1.3162247	NaN
##	[679,]	1.33312739	1.06142554	0.5651182	NaN
##	[680,]	1.33312739	-0.89138490	-0.1859883	NaN
##	[681,]	-0.27045191	1.06142554	1.3162247	NaN
##	[682,]	-1.01056544	0.08502032	2.0673313	NaN
##	[683,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[684,]	1.20977513	-0.89138490	-0.1859883	NaN
##	[685,]	0.09960485	1.06142554	-0.1859883	NaN
##	[686,]	-1.01056544	0.08502032	0.5651182	NaN
##	[687,]	-0.39380417	0.08502032	0.5651182	NaN
##	[688,]	-0.88721318	1.06142554	0.5651182	NaN
##	[689,]	1.45647964	0.08502032	1.3162247	NaN
##	[690,]	-0.64050868	0.08502032	2.0673313	NaN
##	[691,]	0.34630935	0.08502032	0.5651182	NaN
##	[692,]	-0.02374741	1.06142554	0.5651182	NaN
##	[693,]	-0.76386093	1.06142554	0.5651182	NaN
##	[694,]		-1.86779013	-0.9370948	NaN
##	[695,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[696,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[697,]		-0.89138490	-0.9370948	NaN
##	[698,]	1.33312739	0.08502032	2.0673313	NaN
##	[699,]	1.08642288	0.08502032	0.5651182	NaN
##	[700,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[701,]	-0.88721318	0.08502032	2.0673313	NaN
##	[702,]		-0.89138490	0.5651182	NaN
##	[703,]		-0.89138490	1.3162247	NaN
##	[704,]	0.09960485	0.08502032	2.0673313	NaN
##	[705,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[706,]	-0.88721318	2.03783076	-0.9370948	NaN
##	[707,]	1.82653640	0.08502032	-0.9370948	NaN
##	[708,]	0.83971837	1.06142554	0.5651182	NaN
##	[709,]	-0.14709966	1.06142554	2.0673313	NaN
##	[710,]		-0.89138490	0.5651182	NaN
##	[711,]	0.96307062	0.08502032	-0.9370948	NaN
##	[712,]	0.09960485	0.08502032	-0.9370948	NaN
##	[713,]		-1.86779013	-0.9370948	NaN
##	[714,]	-1.01056544	1.06142554	0.5651182	NaN
##	[714,]		-0.89138490	0.5651182	NaN
##	[716,]	-1.01056544	1.06142554	1.3162247	NaN NaN
##	[717,]	-0.02374741	0.08502032	0.5651182	
					NaN
##	[718,]	0.83971837	1.06142554	2.0673313	NaN NaN
##	[719,]		-0.89138490	-0.9370948	NaN
##	[720,]		-0.89138490	-0.9370948	NaN
##	[721,]	1.57983189	0.08502032	-0.9370948	NaN
##	[722,]	1.82653640	0.08502032	-0.9370948	NaN NaN
##	[723,]		-1.86779013	0.5651182	NaN
##	[724,]	-0.27045191		0.5651182	NaN
##	[725,]	0.96307062	-1.86779013	0.5651182	NaN

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##	[726,]	0.59301386	1.06142554	1.3162247	NaN
##	[727,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[728,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[729,]	0.96307062	0.08502032	2.0673313	NaN
##	[730,]	1.94988866	1.06142554	0.5651182	NaN
##	[731,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[732,]	0.22295710	0.08502032	0.5651182	NaN
##	[733,]	-0.51715642	0.08502032	0.5651182	NaN
##	[734,]	-0.88721318		0.5651182	NaN
##	[735,]	-0.14709966		-0.9370948	NaN
##	[736,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[737,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[738,]	-0.27045191		0.5651182	NaN
##	[739,]	-1.01056544		-0.9370948	NaN
##	[740,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[741,]	0.09960485	0.08502032	1.3162247	NaN
##	[742,]	-0.51715642		-0.1859883	NaN
##	[743,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[744,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[745,]		-0.89138490	0.5651182	NaN
##	[746,]	1.08642288	1.06142554	0.5651182	NaN
##	[747,]	-0.27045191	-1.86779013	-0.9370948	NaN
##	[748,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[749,]	2.44329767	-0.89138490	0.5651182	NaN
##	[750,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[751,]	2.31994542	0.08502032	0.5651182	NaN
##	[752,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[753,]	0.83971837	1.06142554	-0.9370948	NaN
##	[754,]	1.57983189	0.08502032	0.5651182	NaN
##	[755,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[756,]	0.22295710	-0.89138490	-0.9370948	NaN
##	[757,]	2.44329767	1.06142554	0.5651182	NaN
##	[758,]	-1.01056544	1.06142554	-0.1859883	NaN
##	[759,]	-1.01056544	-0.89138490	2.0673313	NaN
##	[760,]	1.82653640	1.06142554	0.5651182	NaN
##	[761,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[762,]	0.71636612	0.08502032	1.3162247	NaN
##	[763,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[764,]	0.09960485	1.06142554	-0.9370948	NaN
##	[765,]	0.09960485	-1.86779013	0.5651182	NaN
##	[766,]	-0.76386093	1.06142554	1.3162247	NaN
##	[767,]	-0.88721318	1.06142554	0.5651182	NaN NaN
##	[768,]	-0.76386093	0.08502032	1.3162247	NaN
##	[769,]	2.07324091	0.08502032	-0.1859883	NaN NaN
##	[770,]	-1.01056544	-1.86779013	0.5651182	NaN NaN
##	[771,]	-1.01056544	1.06142554	0.5651182	NaN
##	[772,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[773,]	-0.02374741	0.08502032	0.5651182	NaN
##	[774,]	0.34630935	2.03783076	0.5651182	NaN
##	[775,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[776,]	1.94988866	0.08502032	0.5651182	NaN
##	[777,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[778,]	0.09960485	0.08502032	-0.9370948	NaN
##	[779,]	-0.14709966	1.06142554	-0.9370948	NaN

	[200 ]	0 04050000	4 00440554	0.0070040	
##	[780,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[781,]		-0.89138490	2.0673313	NaN
##	[782,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[783,]	1.33312739	0.08502032	1.3162247	NaN
##	[784,]	-0.27045191	-0.89138490	2.0673313	NaN
##	[785,]	0.96307062	-1.86779013	-0.9370948	NaN
##	[786,]	1.33312739	1.06142554	2.0673313	NaN
##	[787,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[788,]	-0.88721318		-0.9370948	NaN
##	[789,]	0.09960485	0.08502032	1.3162247	NaN
##	[790,]	-1.01056544		0.5651182	NaN
##	[791,]		0.08502032	-0.9370948	NaN
		-0.51715642			
##	[792,]	-0.64050868	0.08502032	2.0673313	NaN
##	[793,]	2.44329767	1.06142554	0.5651182	NaN
##	[794,]		-0.89138490	-0.9370948	NaN
##	[795,]	-0.76386093		-0.9370948	NaN
##	[796,]	0.09960485	1.06142554	-0.9370948	NaN
##	[797,]	-0.64050868	-1.86779013	2.0673313	NaN
##	[798,]	1.45647964	0.08502032	0.5651182	NaN
##	[799,]	1.94988866	0.08502032	0.5651182	NaN
##	[800,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[801,]	-1.01056544	0.08502032	0.5651182	NaN
##	[802,]	-1.01056544	1.06142554	1.3162247	NaN
##	[803,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[804,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[805,]	-1.01056544	1.06142554	0.5651182	NaN
##	[806,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[807,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[808,]	0.09960485	1.06142554	-0.1859883	NaN
##	[809,]	2.31994542	1.06142554	-0.9370948	NaN
##	[810,]	-0.76386093	0.08502032	0.5651182	NaN
##	[811,]	-0.76386093	-1.86779013	-0.1859883	NaN
##	[812,]	-0.88721318	-0.89138490	-0.1859883	NaN
##	[813,]	2.19659316	0.08502032	-0.9370948	NaN
##	[814,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[815,]	0.59301386	0.08502032	0.5651182	NaN
##	[816,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[817,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[818,]	1.08642288	1.06142554	-0.9370948	NaN
##	[819,]	1.33312739	0.08502032	-0.9370948	NaN
##	[820,]		-1.86779013	-0.9370948	NaN
##	[821,]		-0.89138490	-0.1859883	NaN
##	[822,]	-0.14709966	1.06142554	2.0673313	NaN
##	[823,]		-0.89138490	-0.9370948	
					NaN
##	[824,]	0.09960485	0.08502032	-0.9370948	NaN
##	[825,]	2.44329767	0.08502032	0.5651182	NaN
##	[826,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[827,]	-1.01056544	0.08502032	-1.6882013	NaN
##	[828,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[829,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[830,]	-0.02374741	1.06142554	-0.1859883	NaN
##	[831,]	0.34630935	1.06142554	-0.9370948	NaN
##	[832,]	0.71636612	0.08502032	0.5651182	NaN
##	[833,]	1.94988866	-0.89138490	0.5651182	NaN

##	[834,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[835,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[836,]	-0.14709966	1.06142554	2.0673313	NaN
##	[837,]	1.70318415	-1.86779013	-0.9370948	NaN
##	[838,]	-0.02374741	1.06142554	0.5651182	NaN
##	[839,]	0.34630935	0.08502032	-0.9370948	NaN
##	[840,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[841,]	-1.01056544	1.06142554	0.5651182	NaN
##	[842,]	1.82653640	0.08502032	0.5651182	NaN
##	[843,]	0.34630935	-1.86779013	-0.9370948	NaN
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##	[844,]	-0.76386093	1.06142554	0.5651182	NaN
##	[845,]	0.09960485	0.08502032	-0.1859883	NaN
##	[846,]	2.07324091	-0.89138490	0.5651182	NaN
##	[847,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[848,]	-1.01056544	0.08502032	0.5651182	NaN
##	[849,]	-0.64050868	1.06142554	1.3162247	NaN
##	[850,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[851,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[852,]	-0.64050868	1.06142554	2.0673313	NaN
##	[853,]	-0.39380417	-1.86779013	0.5651182	NaN
##	[854,]	-0.02374741	-0.89138490	-0.9370948	NaN
##	[855,]	-0.27045191	0.08502032	0.5651182	NaN
##	[856,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[857,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[858,]	0.09960485	1.06142554	-0.9370948	NaN
	[859,]	-0.27045191	-0.89138490	0.5651182	NaN
##					
##	[860,]		-1.86779013	-0.9370948	NaN
##	[861,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[862,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[863,]	0.96307062	0.08502032	-0.9370948	NaN
##	[864,]	-0.88721318	0.08502032	-1.6882013	NaN
##	[865,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[866,]	2.44329767	1.06142554	-0.9370948	NaN
##	[867,]	-0.88721318	1.06142554	0.5651182	NaN
##	[868,]	-0.88721318	0.08502032	0.5651182	NaN
##	[869,]	1.20977513	1.06142554	0.5651182	NaN
##	[870,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[871,]	0.96307062	1.06142554	-0.9370948	NaN
##	[872,]	0.96307062	-0.89138490	-0.9370948	NaN
##	[873,]	1.94988866	0.08502032	0.5651182	NaN
##	[874,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[875,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[876,]	2.44329767	1.06142554	1.3162247	NaN
	· · · · · · · · · · · · · · · · · · ·	1.45647964			
##	[877,]		0.08502032	-0.1859883	NaN
##	[878,]	-0.88721318	1.06142554	2.0673313	NaN
##	[879,]	-0.88721318	2.03783076	0.5651182	NaN
##	[880,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[881,]	0.46966161	0.08502032	1.3162247	NaN
##	[882,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[883,]	-1.01056544	0.08502032	2.0673313	NaN
##	[884,]	-0.02374741	0.08502032	0.5651182	NaN
##	[885,]	0.09960485	0.08502032	2.0673313	NaN
##	[886,]	0.09960485	1.06142554	-0.9370948	NaN
##	[887,]	-1.01056544	0.08502032	0.5651182	NaN

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##	[888,]	2.07324091	2.03783076	0.5651182	NaN
##	[889,]	-0.14709966		-0.1859883	NaN
##	[890,]	0.59301386	0.08502032	-0.9370948	NaN
##	[891,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[892,]	-0.88721318		-0.9370948	NaN
##	[893,]	0.09960485	0.08502032	0.5651182	NaN
##	[894,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[895,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[896,]	0.22295710	-0.89138490	0.5651182	NaN
##	[897,]	1.82653640	0.08502032	0.5651182	NaN
##	[898,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[899,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[900,]	-0.64050868	-0.89138490	0.5651182	NaN
##	[901,]	-0.76386093	0.08502032	2.0673313	NaN
##	[902,]	-0.88721318	-0.89138490	2.0673313	NaN
##	[903,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[904,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[905,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[906,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[907,]	1.33312739	0.08502032	2.0673313	NaN
##	[908,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[909,]	0.09960485	2.03783076	-0.1859883	NaN
##	[910,]	1.94988866	0.08502032	-0.9370948	NaN
##	[911,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[912,]		-1.86779013	-0.9370948	NaN
##	[913,]	-0.64050868		-0.9370948	NaN
##	[914,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[915,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[916,]		-0.89138490	-0.9370948	NaN
##	[917,]	-0.64050868		-0.1859883	NaN
##	[918,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[919,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[920,]	1.08642288	1.06142554	0.5651182	NaN
##	[921,]	1.20977513	0.08502032	0.5651182	NaN
##	[922,]	-1.01056544	1.06142554	0.5651182	NaN
##	[923,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[924,]	0.22295710	0.08502032	-0.9370948	NaN
##	[925,]	-0.39380417		-0.9370948	NaN
##	[926,]	-0.27045191	1.06142554	0.5651182	NaN
##	[927,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[928,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[929,]	0.71636612	0.08502032	0.5651182	NaN
##	[930,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[931,]	-0.39380417	-0.89138490	0.5651182	NaN
##	[932,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[933,]	-0.27045191	0.08502032	2.0673313	NaN
##	[934,]	-1.01056544	0.08502032	2.0673313	NaN
## ##	[934,]	-1.01056544	0.08502032	0.5651182	NaN
	[936,]				
##		-0.14709966	0.08502032	0.5651182	NaN NaN
##	[937,]	1.94988866	0.08502032	0.5651182	NaN
##	[938,]	0.46966161	1.06142554	0.5651182	NaN NaN
##	[939,]	1.70318415	1.06142554	-0.9370948	NaN
##	[940,]	-0.27045191	-0.89138490	-0.9370948	NaN NaN
##	[941,]	1.70318415	0.08502032	0.5651182	NaN

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##	[942,]	-0.39380417	0.08502032	2.0673313	NaN
##	[943,]	0.09960485	1.06142554	2.0673313	NaN
##	[944,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[945,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[946,]	2.31994542	0.08502032	-0.9370948	NaN
##	[947,]	1.94988866	1.06142554	-0.1859883	NaN
##	[948,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[949,]	0.96307062	1.06142554	0.5651182	NaN
##	[950,]		-0.89138490	-0.9370948	NaN
##	[951,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[952,]		-0.89138490	0.5651182	NaN
	-				
##	[953,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[954,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[955,]	-0.88721318		-0.9370948	NaN
##	[956,]	-0.88721318		0.5651182	NaN
##	[957,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[958,]	0.83971837	-0.89138490	-0.9370948	NaN
##	[959,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[960,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[961,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[962,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[963,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[964,]	-0.88721318		-0.9370948	NaN
##	[965,]		-0.89138490	0.5651182	NaN
##	[966,]		-1.86779013	0.5651182	NaN
##	[967,]	-0.27045191	1.06142554	0.5651182	NaN
	[968,]	-1.01056544	1.06142554	-0.9370948	NaN
##					
##	[969,]	-0.27045191	0.08502032	-0.1859883	NaN
##	[970,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[971,]	0.22295710	0.08502032	0.5651182	NaN
##	[972,]	0.22295710	-0.89138490	2.0673313	NaN
##	[973,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[974,]	-1.01056544	0.08502032	0.5651182	NaN
##	[975,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[976,]	0.46966161	1.06142554	-0.1859883	NaN
##	[977,]	1.70318415	0.08502032	-0.9370948	NaN
##	[978,]	2.07324091	-1.86779013	2.0673313	NaN
##	[979,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[980,]	2.44329767	0.08502032	0.5651182	NaN
##	[981,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[982,]	1.08642288	1.06142554	-0.1859883	NaN
##	[983,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[984,]	-0.88721318	1.06142554	2.0673313	NaN
			0.08502032	-0.9370948	
##	[985,]	2.07324091			NaN
##	[986,]	1.57983189	1.06142554	0.5651182	NaN
##	[987,]	1.45647964	1.06142554	-0.9370948	NaN
##	[988,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[989,]	1.57983189	0.08502032	-0.9370948	NaN
##	[990,]	-0.64050868	-1.86779013	-0.9370948	NaN
##	[991,]	-0.51715642	-1.86779013	-0.9370948	NaN
##	[992,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[993,]	1.94988866	-0.89138490	-0.9370948	NaN
##	[994,]	1.08642288	-1.86779013	-0.9370948	NaN
##	[995,]		-0.89138490	0.5651182	NaN
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	[000 ]	0 00000447	0 0050000	0 5051100	
##	[996,]	-0.39380417	0.08502032	0.5651182	NaN
##	[997,]	0.09960485	0.08502032	-0.1859883	NaN
##	[998,]	0.96307062	1.06142554	-0.9370948	NaN
##	[999,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[1000,]	0.09960485	0.08502032	-1.6882013	NaN
##	[1001,]	-0.14709966	1.06142554	1.3162247	NaN
##	[1002,]	0.22295710	0.08502032	0.5651182	NaN
##	[1003,]	1.08642288	-0.89138490	-0.9370948	NaN
	•				
##	[1004,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1005,]	-0.27045191	0.08502032	1.3162247	NaN
##	[1006,]	0.96307062	0.08502032	1.3162247	NaN
##	[1007,]	2.31994542	-0.89138490	-0.9370948	NaN
##	[1008,]	0.59301386	-1.86779013	1.3162247	NaN
##	[1009,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1010,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1011,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1012,]	-0.76386093	1.06142554	-0.1859883	NaN
##	[1013,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1014,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[1015,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[1016,]	-1.01056544	1.06142554	1.3162247	NaN
	•				
##	[1017,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[1018,]		-1.86779013	-0.9370948	NaN
##	[1019,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[1020,]	0.83971837	1.06142554	-0.1859883	NaN
##	[1021,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1022,]	-0.02374741	-0.89138490	-0.9370948	NaN
##	[1023,]	-0.51715642	-0.89138490	2.0673313	NaN
##	[1024,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[1025,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1026,]		-1.86779013	0.5651182	NaN
##	[1027,]	-0.27045191	2.03783076	-0.1859883	NaN
##	[1028,]	-1.01056544	0.08502032	-0.9370948	NaN
	[1029,]	-0.51715642	2.03783076	0.5651182	
##					NaN
##	[1030,]	-0.02374741	1.06142554	1.3162247	NaN
##	[1031,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1032,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1033,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1034,]	-1.01056544	2.03783076	-0.9370948	NaN
##	[1035,]	1.33312739	0.08502032	0.5651182	NaN
##	[1036,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[1037,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1038,]	2.44329767	0.08502032	2.0673313	NaN
##	[1039,]	-0.27045191	0.08502032	-0.1859883	NaN
##	[1040,]	-0.02374741	1.06142554	2.0673313	NaN
##	[1041,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[1042,]	-0.51715642	0.08502032	0.5651182	NaN
		-0.51715642		-0.9370948	
##	[1043,]		0.08502032		NaN
##	[1044,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1045,]	-0.51715642	1.06142554	2.0673313	NaN
##	[1046,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1047,]	1.33312739	0.08502032	-0.9370948	NaN
##	[1048,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1049,]	-0.76386093	0.08502032	1.3162247	NaN

##	[1050,]	0.83971837	-1.86779013	-0.9370948	NaN
##	[1051,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[1052,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[1053,]	-0.27045191	0.08502032	2.0673313	NaN
##	[1054,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[1055,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[1056,]	0.71636612	0.08502032	0.5651182	NaN
	[1057,]	-1.01056544	0.08502032	2.0673313	NaN
##	•				
##	[1058,]	0.46966161	0.08502032	2.0673313	NaN
##	[1059,]	1.82653640	1.06142554	0.5651182	NaN
##	[1060,]	-0.27045191	-1.86779013	-0.9370948	NaN
##	[1061,]	-0.02374741	0.08502032	0.5651182	NaN
##	[1062,]	0.46966161	-0.89138490	-0.9370948	NaN
##	[1063,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[1064,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1065,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1066,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[1067,]	-0.64050868	1.06142554	0.5651182	NaN
##	[1068,]	0.59301386	0.08502032	0.5651182	NaN
##	[1069,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[1070,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1071,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1072,]	-0.76386093		0.5651182	NaN
##	[1073,]	-0.88721318		-0.9370948	NaN
	•				
##	[1074,]		-1.86779013	-0.9370948	NaN
##	[1075,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[1076,]	0.09960485	0.08502032	0.5651182	NaN
##	[1077,]	0.22295710	1.06142554	0.5651182	NaN
##	[1078,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1079,]	2.31994542	0.08502032	-0.9370948	NaN
##	[1080,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[1081,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1082,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1083,]	1.33312739	-1.86779013	-0.9370948	NaN
##	[1084,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[1085,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1086,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1087,]	1.57983189	2.03783076	0.5651182	NaN
##	[1088,]	-0.27045191	-0.89138490	2.0673313	NaN
##	[1089,]	-0.88721318	0.08502032	0.5651182	NaN
	[1090,]	0.46966161	0.08502032	0.5651182	
##					NaN
##	[1091,]	-0.14709966	-1.86779013	1.3162247	NaN
##	[1092,]	1.94988866	0.08502032	-0.9370948	NaN
##	[1093,]	2.31994542	0.08502032	2.0673313	NaN
##	[1094,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1095,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[1096,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1097,]	-0.39380417	-0.89138490	0.5651182	NaN
##	[1098,]	1.45647964	-0.89138490	2.0673313	NaN
##	[1099,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1100,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1101,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1102,]	-0.51715642		-0.9370948	NaN
##	[1103,]	-0.88721318	1.06142554	-0.9370948	NaN
	,			5.55.5510	1,01

##	[1104,]	0.83971837	1.06142554	-0.9370948	NaN
##	[1105,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1106,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[1107,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1108,]	0.09960485	1.06142554	-1.6882013	NaN
##	[1109,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1110,]	2.44329767	1.06142554	2.0673313	NaN
##	[1111,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1112,]	-0.88721318	2.03783076	2.0673313	NaN
##	[1113,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1114,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1115,]	0.71636612	1.06142554	1.3162247	NaN
##	[1116,]	-0.27045191	1.06142554	0.5651182	NaN
##	[1117,]	2.07324091	2.03783076	-0.1859883	NaN
##	[1118,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1119,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1120,]	0.70300093	0.08502032	-0.9370948	NaN
##	[1120,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1121,]	-1.01056544	1.06142554	-0.9370948	NaN
	•	-0.76386093			
##	[1123,]		-1.86779013	0.5651182	NaN
##	[1124,]	0.09960485	1.06142554	0.5651182	NaN
##	[1125,]	-0.39380417	0.08502032	0.5651182	NaN
##	[1126,]		-1.86779013	-0.9370948	NaN
##	[1127,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1128,]	0.09960485	0.08502032	2.0673313	NaN
##	[1129,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[1130,]	-0.02374741	-0.89138490	1.3162247	NaN
##	[1131,]	2.31994542	0.08502032	-0.9370948	NaN
##	[1132,]	0.09960485	1.06142554	2.0673313	NaN
##	[1133,]	0.59301386	-0.89138490	-0.9370948	NaN
##	[1134,]	2.19659316	0.08502032	2.0673313	NaN
##	[1135,]	-0.27045191	-0.89138490	-0.9370948	NaN
##	[1136,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1137,]	1.82653640	0.08502032	0.5651182	NaN
##	[1138,]	2.07324091	-0.89138490	1.3162247	NaN
##	[1139,]	1.33312739	2.03783076	0.5651182	NaN
##	[1140,]	-0.51715642	1.06142554	1.3162247	NaN
##	[1141,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1142,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1143,]	-0.51715642	2.03783076	0.5651182	NaN
##	[1144,]	2.07324091	0.08502032	-0.1859883	NaN
##	[1145,]	-0.88721318	1.06142554	1.3162247	NaN
##	[1146,]	0.34630935	1.06142554	-0.9370948	NaN
##	[1147,]	0.09960485	1.06142554	-0.9370948	NaN
##	[1148,]	1.94988866	1.06142554	-0.9370948	NaN
##	[1149,]	0.09960485	2.03783076	0.5651182	NaN
##	[1150,]	1.20977513	0.08502032	1.3162247	NaN
##	[1151,]	1.08642288	2.03783076	-0.9370948	NaN
##	[1152,]	2.19659316	0.08502032	0.5651182	NaN
##	[1153,]	-0.51715642	-1.86779013	0.5651182	NaN
##	[1154,]	-0.76386093		0.5651182	NaN
##	[1155,]	2.07324091	1.06142554	-0.9370948	NaN
##	[1156,]	-0.76386093		0.5651182	NaN
##	[1157,]	0.71636612	0.08502032	-0.9370948	NaN
π#	[1101,]	0.71000012	0.00002032	0.3310340	IVAIV

	[4450]	0 44700000	4 00440554	0.0070040	
##	[1158,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[1159,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1160,]	-0.64050868	0.08502032	0.5651182	NaN
##	[1161,]	-0.88721318	-0.89138490	1.3162247	NaN
##	[1162,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[1163,]	0.09960485	0.08502032	0.5651182	NaN
##	[1164,]	0.09960485	0.08502032	0.5651182	NaN
##	[1165,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1166,]	-1.01056544	2.03783076	-1.6882013	NaN
	•				
##	[1167,]	-0.64050868	2.03783076	0.5651182	NaN
##	[1168,]	0.71636612	-0.89138490	0.5651182	NaN
##	[1169,]	-0.88721318	-1.86779013	2.0673313	NaN
##	[1170,]	-0.14709966	0.08502032	0.5651182	NaN
##	[1171,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1172,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1173,]	0.09960485	0.08502032	0.5651182	NaN
##	[1174,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[1175,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[1176,]	0.34630935	0.08502032	0.5651182	NaN
##	[1177,]	1.57983189	1.06142554	1.3162247	NaN
##	[1178,]	0.96307062	2.03783076	-0.9370948	NaN
##	[1179,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1180,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1181,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1182,]	-0.39380417	-1.86779013	-0.9370948	NaN
##	[1183,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1184,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[1185,]	1.57983189	2.03783076	0.5651182	NaN
##	[1186,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[1187,]	0.34630935	1.06142554	1.3162247	NaN
##	[1188,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1189,]	-0.51715642	0.08502032	0.5651182	NaN
##	[1190,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1191,]	-0.88721318	0.08502032	0.5651182	NaN
	- • -	-0.51715642			
##	[1192,]		1.06142554	-0.9370948	NaN N-N
##	[1193,]	0.83971837	0.08502032	0.5651182	NaN
##	[1194,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1195,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1196,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1197,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[1198,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[1199,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1200,]	2.07324091	1.06142554	-0.9370948	NaN
##	[1201,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1202,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[1203,]	-0.64050868		0.5651182	NaN
##	[1204,]	1.82653640	1.06142554	0.5651182	NaN
##	[1204,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[1206,]	-0.88721318	1.06142554	-0.9370948	NaN N-N
##	[1207,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1208,]	1.57983189	0.08502032	2.0673313	NaN
##	[1209,]	-0.51715642	-0.89138490	0.5651182	NaN
##	[1210,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1211,]	1.45647964	0.08502032	0.5651182	NaN

	_				
##	[1212,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1213,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1214,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1215,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1216,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1217,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1218,]	-0.02374741	0.08502032	0.5651182	NaN
##	[1219,]	-0.39380417	0.08502032	-0.1859883	NaN
##	[1220,]	-0.02374741	1.06142554	0.5651182	NaN
##	[1221,]	-0.88721318	1.06142554	-0.9370948	NaN
	•				
##	[1222,]		-1.86779013	-0.9370948	NaN
##	[1223,]		-1.86779013	-1.6882013	NaN
##	[1224,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1225,]	0.96307062	1.06142554	0.5651182	NaN
##	[1226,]	2.31994542	-0.89138490	2.0673313	NaN
##	[1227,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1228,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1229,]	-0.64050868	0.08502032	-1.6882013	NaN
##	[1230,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1231,]	2.44329767	-1.86779013	0.5651182	NaN
##	[1232,]	0.46966161	1.06142554	-0.9370948	NaN
##	[1233,]	2.19659316	1.06142554	-0.9370948	NaN
##	[1234,]		-1.86779013	-0.9370948	NaN
##	[1235,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[1236,]	-0.88721318	0.08502032	-0.9370948	NaN
	[1237,]				
##		0.46966161	2.03783076	-0.1859883	NaN
##	[1238,]		-0.89138490	-0.9370948	NaN
##	[1239,]		-1.86779013	0.5651182	NaN
##	[1240,]		-1.86779013	2.0673313	NaN
##	[1241,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1242,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1243,]	-0.27045191	1.06142554	0.5651182	NaN
##	[1244,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[1245,]	-0.88721318	1.06142554	2.0673313	NaN
##	[1246,]	0.09960485	0.08502032	0.5651182	NaN
##	[1247,]	-0.14709966	0.08502032	-1.6882013	NaN
##	[1248,]	-0.51715642	0.08502032	2.0673313	NaN
##	[1249,]	-0.14709966	0.08502032	0.5651182	NaN
##	[1250,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1251,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1252,]	0.71636612	-0.89138490	-0.1859883	NaN
	[1253,]	-0.88721318			
##			1.06142554	0.5651182	NaN
##	[1254,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[1255,]	0.22295710	1.06142554	-0.1859883	NaN
##	[1256,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1257,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[1258,]	0.83971837	1.06142554	-0.1859883	NaN
##	[1259,]	-0.64050868	0.08502032	2.0673313	NaN
##	[1260,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1261,]	-0.51715642	1.06142554	2.0673313	NaN
##	[1262,]	1.08642288	0.08502032	0.5651182	NaN
##	[1263,]	0.96307062	0.08502032	2.0673313	NaN
##	[1264,]	0.34630935	0.08502032	0.5651182	NaN
##	[1265,]	-0.88721318	0.08502032	0.5651182	NaN
	- <b>/-</b>		<del>-</del>		

##	[1266,]	-0.64050868	0.08502032	2.0673313	NaN
##	[1267,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[1268,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1269,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1270,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1271,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[1272,]	-0.27045191	-1.86779013	-0.1859883	NaN
##	[1273,]	-0.39380417		1.3162247	NaN
##	[1274,]	-0.14709966		0.5651182	NaN
##	[1275,]	2.44329767	1.06142554	-0.1859883	NaN
##	[1276,]	-0.76386093	0.08502032	2.0673313	NaN
##	[1277,]		-0.89138490	-0.1859883	NaN
##	[1278,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1279,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1280,]	-1.01056544		0.5651182	NaN
##	[1281,]	-0.14709966		1.3162247	NaN
##	[1282,]	2.19659316	0.08502032	-0.9370948	NaN
	•	-0.14709966			
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##	[1284,]	-1.01056544	0.08502032	-0.9370948	NaN
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##	[1286,]		-0.89138490	-0.9370948	NaN
##	[1287,]	-0.88721318		-0.9370948	NaN
##	[1288,]	0.46966161	0.08502032	0.5651182	NaN
##	[1289,]	-0.88721318		0.5651182	NaN
##	[1290,]	-0.88721318	0.08502032	-1.6882013	NaN
##	[1291,]	-0.02374741	1.06142554	-0.9370948	NaN
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##
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                                                              0.349682425
## [1411,]
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## [1412,]
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## [1413,]
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## [1414,]
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             1.6114542847
## [1417,]
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## [1418,]
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## [1419,]
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## [1420,]
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## [1421.]
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## [1422,]
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## [1423,]
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## [1424,]
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## [1425,]
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## [1427,]
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## [1428,]
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## [1429,]
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## [1430,]
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## [1431,]
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## [1432,]
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## [1435,]
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## [1436,]
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## [1440,]
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## [1459,]
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## [1462,]
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                                        -0.6603060 0.8162188 0.792390413
##
           JobInvolvement
                             .Jobl.evel
                                          JobRole JobSatisfaction MaritalStatus
##
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      [1,]
                                       1.0323644
                                                        1.1528613
                                                                       1.2363997
##
      [2,]
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                                       0.6261610
                                                       -0.6606284
                                                                      -0.1332367
##
      [3,]
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                                                        0.2461164
                                                                      1.2363997
##
      Γ4. ]
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                                                        0.2461164
                                                                     -0.1332367
      [5,]
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##
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##
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                                                                     -0.1332367
##
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##
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##
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##
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##
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##
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##
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```

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[52,]
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##
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##
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##
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##
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##
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##
     [93,]
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##
     [94,]
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##
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##
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                                                                        -0.1332367
##
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##
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##
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                                                                         1.2363997
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##
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##
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```

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##
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##
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                 0.379543 2.65240635
                                        0.2199577
                                                                      -0.1332367
    [108,]
                                                         0.2461164
                                                                       1.2363997
##
                -1.025818 -0.05776789
                                        1.0323644
##
    [109,]
                -1.025818 -0.96115930
                                                         1.1528613
                                                                      -0.1332367
                                        0.6261610
##
    [110,]
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                                                         1.1528613
                                                                       1.2363997
##
                [111,]
                                                        -1.5673732
                                                                       1.2363997
##
    ſ112.]
                -2.431178 -0.05776789 -0.9986523
                                                         0.2461164
                                                                       1.2363997
                                                                       1.2363997
##
    [113,]
                 1.784904 1.74901494 -0.5924489
                                                         1.1528613
##
    [114,]
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##
    [115,]
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                                        0.6261610
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    [116,]
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##
    [117,]
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                -1.025818
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##
    [118,]
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##
    [119,]
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                                                         1.1528613
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##
    [120,]
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                                                         1.1528613
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##
    [121,]
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##
                 0.379543 -0.05776789
    [122,]
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                                                        -0.6606284
                                                                      -0.1332367
##
    [123,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                      -0.1332367
    [124,]
                                                                       1.2363997
##
                 0.379543 2.65240635
                                        0.2199577
                                                         0.2461164
##
    [125,]
                -2.431178 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                      -0.1332367
##
    [126,]
                -1.025818 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                      -0.1332367
##
    [127,]
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                                                                      -0.1332367
##
    [128,]
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                                        1.4385677
                                                         0.2461164
                                                                       1.2363997
    Γ129. ]
                 0.379543 -0.96115930 -0.9986523
##
                                                         1.1528613
                                                                      -0.1332367
##
    [130,]
                 0.379543 -0.05776789 -0.1862456
                                                        -1.5673732
                                                                      -0.1332367
    [131,]
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                                        0.6261610
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                                                                       1.2363997
##
    [132,]
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                                        1.0323644
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##
    [133,]
                -2.431178 -0.05776789
                                        1.0323644
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##
    [134,]
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                                        1.0323644
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##
    [135,]
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                                                         0.2461164
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##
    [136,]
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##
    [137,]
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##
    [138,]
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                                        1.0323644
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##
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                                        1.0323644
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##
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##
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##
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##
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                                        0.6261610
                -2.431178 -0.05776789
##
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##
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                                                         1.1528613
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##
    [148,]
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                                                        -1.5673732
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##
    [149,]
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##
    [150,]
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                                                        -0.6606284
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##
    [151,]
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                                        0.6261610
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##
    [152,]
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                                        1.0323644
                                                        -0.6606284
                                                                      -0.1332367
##
    [153,]
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                                        1.4385677
                                                         0.2461164
                                                                      -0.1332367
##
    [154,]
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                                                        -0.6606284
                                                                      -1.5028732
##
    [155,]
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                           0.84562353
                                        1.0323644
                                                         1.1528613
                                                                       1.2363997
##
    [156,]
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                                                         0.2461164
                                                                      -0.1332367
##
    [157,]
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                                                         0.2461164
                                                                      -0.1332367
##
    [158,]
                -1.025818 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                      -0.1332367
##
    [159,]
                -1.025818 0.84562353
                                       1.0323644
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                                                                      -0.1332367
```

```
##
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                                         1.4385677
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                                                                        -0.1332367
##
    [161.]
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                                                           1.1528613
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                                                                         -0.1332367
##
    [162,]
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                                         0.6261610
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    [163,]
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                                                           1.1528613
                                                                         -0.1332367
##
                                         0.6261610
##
    [164,]
                  1.784904 0.84562353
                                        -1.8110589
                                                           1.1528613
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##
                 -1.025818 -0.96115930
                                         0.6261610
                                                                        -1.5028732
    [165,]
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                                                         -0.6606284
##
    Г166.]
                  0.379543 2.65240635
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                                                                         1.2363997
    [167,]
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##
                  0.379543 -0.96115930
                                         0.6261610
                                                           0.2461164
##
    [168,]
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                                         1.0323644
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##
    [169,]
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    [170,]
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                                         0.6261610
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                                                                         1.2363997
##
    [171,]
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                                         0.6261610
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                                                                         -0.1332367
##
    [172,]
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                                         1.4385677
                                                         -1.5673732
                                                                         1.2363997
##
    [173,]
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                                                                         1.2363997
##
    [174,]
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                                                         -1.5673732
                                                                         -1.5028732
##
    [175,]
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                                                                         -1.5028732
##
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##
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                                         0.6261610
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                 -1.025818 -0.96115930 -0.9986523
                                                                         1.2363997
##
    [178,]
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##
    [179,]
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                                         1.0323644
                                                         -1.5673732
                                                                         -1.5028732
##
    [180,]
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##
    [181,]
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##
    [182,]
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                                         0.6261610
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                                                                         1.2363997
    Γ183. ]
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##
                                         1.4385677
                                                         -0.6606284
                                                                         1.2363997
##
    [184,]
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                                                                         -0.1332367
    [185,]
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                                                         -1.5673732
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##
    [186,]
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                                                                         -0.1332367
##
    [187,]
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                            2.65240635 -0.5924489
                                                          0.2461164
                                                                         -0.1332367
##
    [188,]
                  1.784904 2.65240635
                                        0.2199577
                                                         -0.6606284
                                                                         1.2363997
##
    [189,]
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                                                           0.2461164
                                                                         -0.1332367
##
    [190,]
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                           1.74901494 -1.8110589
                                                         -0.6606284
                                                                         1.2363997
##
    [191,]
                 -1.025818 2.65240635 -0.5924489
                                                           0.2461164
                                                                         -0.1332367
##
    [192,]
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                                        0.6261610
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                                                                         1.2363997
                 -1.025818 -0.05776789 -0.1862456
##
    [193,]
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                                                                         -0.1332367
##
    [194,]
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                                        0.6261610
                                                           1.1528613
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##
    [195,]
                 -1.025818 1.74901494 -0.5924489
                                                           1.1528613
                                                                         -0.1332367
##
    [196,]
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                                        0.6261610
                                                         -1.5673732
                                                                        -0.1332367
##
    [197,]
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                                                         -0.6606284
                                                                         1.2363997
##
    [198,]
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                                                           0.2461164
                                                                         -1.5028732
##
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                                                                         -0.1332367
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##
    [201,]
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                                                         -1.5673732
                                                                         -0.1332367
##
    [202.]
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                                                           1.1528613
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##
    [203,]
                  0.379543 -0.96115930 0.6261610
                                                           0.2461164
                                                                        -1.5028732
##
    [204,]
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                                                           1.1528613
                                                                         -0.1332367
##
    [205,]
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                                                         -1.5673732
                                                                         -0.1332367
##
    [206,]
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                                         1.0323644
                                                           1.1528613
                                                                         -0.1332367
##
    [207,]
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                                                                        -1.5028732
##
    [208,]
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                                                                         1.2363997
##
    [209,]
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                                                           1.1528613
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##
    [210,]
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                  0.379543
                                                         -1.5673732
##
    [211,]
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##
    [212,]
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                                                           0.2461164
                                                                         1.2363997
##
    [213,]
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                                        1.0323644
                                                          0.2461164
                                                                         1.2363997
```

```
##
    [214,]
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                                        0.2199577
                                                        -0.6606284
                                                                       -0.1332367
##
    [215.]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                        1.2363997
##
    [216,]
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                                                                        1.2363997
##
    [217,]
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                                        1.0323644
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##
    [218,]
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                                                                        1.2363997
##
                                        1.0323644
    [219,]
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                                                         1.1528613
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##
    [220.]
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                                        1.0323644
                                                        -1.5673732
                                                                       -0.1332367
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##
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                                                        -0.6606284
##
    [222,]
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                                                        -0.6606284
                                                                       -0.1332367
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##
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    [224,]
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    [225,]
##
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##
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                                                                       -0.1332367
##
    [227,]
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##
    [228,]
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##
    [229,]
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##
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                                        0.6261610
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##
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                                                                        1.2363997
    [232,]
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##
                                                         1.1528613
                                                                       -0.1332367
##
    [233,]
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                                                         0.2461164
                                                                       -0.1332367
##
    [234,]
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                                                         1.1528613
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##
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    [236,]
##
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                                                         1.1528613
                                                                       -0.1332367
    [237.]
                 0.379543 -0.96115930 -0.9986523
##
                                                        -1.5673732
                                                                       -0.1332367
                                                                        1.2363997
##
    [238,]
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    [239,]
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##
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                                                         0.2461164
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##
    [241,]
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                                                         0.2461164
                                                                       -1.5028732
##
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##
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                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
##
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                                        0.6261610
                                                         1.1528613
                                                                       -1.5028732
##
    [245,]
                 1.784904 2.65240635 -0.5924489
                                                         1.1528613
                                                                       -0.1332367
##
    [246,]
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                                        0.2199577
                                                         0.2461164
                                                                       -1.5028732
                                                         1.1528613
                                                                       -0.1332367
##
    [247,]
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                                        0.6261610
##
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                                                        -1.5673732
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                -1.025818 -0.96115930
##
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                                                         0.2461164
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##
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##
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##
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    [254,]
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                                                        -1.5673732
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##
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##
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                                                                       -0.1332367
##
    [257,]
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                                                        -1.5673732
                                                                       -1.5028732
##
    [258,]
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                                        0.2199577
                                                         0.2461164
                                                                       -1.5028732
##
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                                                                       -0.1332367
##
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                                                        -0.6606284
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##
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                                                        -0.6606284
                                                                       -0.1332367
##
    [262,]
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##
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                                                        -1.5673732
                                                                        1.2363997
##
    [264,]
                -2.431178 1.74901494 -0.5924489
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##
    [265,]
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##
    [266,]
                -1.025818 -0.05776789 1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
    [267,]
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                                                         1.1528613
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```

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                  0.379543 1.74901494 -1.8110589
##
    [269.]
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##
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##
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##
    [279,]
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                                                         -0.6606284
##
    [280,]
                  0.379543 2.65240635
                                         0.2199577
                                                         -0.6606284
                                                                        -1.5028732
##
                  0.379543
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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                                        0.2199577
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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```

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##
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##
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##
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##
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##
    [418,]
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                                                          0.2461164
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##
    [419,]
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##
    [420,]
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                                                          1.1528613
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##
    [421,]
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                 -1.025818 0.84562353
                                                          0.2461164
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##
    [422,]
                 -1.025818 -0.96115930
                                         0.6261610
                                                         -0.6606284
                                                                        -0.1332367
##
    [423,]
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                                                          1.1528613
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                                        1.0323644
##
    [424,]
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##
    [425,]
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##
    [426,]
                           1.74901494 -0.5924489
                 -1.025818
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##
    [427,]
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                 -1.025818 0.84562353 1.0323644
##
    [428,]
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                                                                        -0.1332367
##
    [429,]
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```

```
##
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##
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    [432,]
##
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##
    [433,]
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##
    [434,]
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##
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                 0.379543
                            0.84562353 -0.1862456
                           0.84562353 -0.5924489
##
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                                                          0.2461164
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    [437,]
##
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##
    [438.]
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##
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##
                  0.379543
                            0.84562353 -1.4048556
    [441,]
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                                                                        -1.5028732
##
    [442,]
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                                                          0.2461164
                                                                        -0.1332367
##
                                                                        1.2363997
    [443,]
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                                        1.0323644
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##
    [444,]
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##
    [445,]
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                                         1.0323644
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##
    [446,]
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                  0.379543 1.74901494 -0.5924489
##
    [447,]
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                                                          1.1528613
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##
    [448,]
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##
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##
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                                        1.0323644
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##
    [452,]
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    [453.]
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                                                         -0.6606284
##
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##
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##
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                  1.784904
##
    [457,]
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                                                                        -1.5028732
##
    [458,]
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                                                                        1.2363997
##
    [459,]
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                                        1.0323644
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##
    [460,]
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##
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##
    [462,]
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                                         1.0323644
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                                                                         1.2363997
                  1.784904 -0.05776789
                                                          1.1528613
##
    [463,]
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##
    [464,]
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##
    [465,]
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##
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##
    [467,]
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##
    [468,]
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                                                                        -1.5028732
                  0.379543 -0.05776789
##
    [469,]
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    [470,]
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##
    [471,]
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##
    [472,]
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##
                                                         -0.6606284
    [473,]
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##
    [474,]
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##
    [475,]
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                                         0.6261610
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##
    [476,]
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##
    [477,]
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##
    [478,]
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##
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                 0.379543 -0.96115930 -0.9986523
##
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##
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##
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##
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```

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##
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                  1.784904 -0.05776789
##
    [485,]
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    [486,]
##
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    [487,]
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##
##
    [488,]
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##
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    ſ490.]
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##
    [492.]
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                                                          0.2461164
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    [493,]
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    [494,]
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                                                          0.2461164
                                                                         1.2363997
##
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                                         1.4385677
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##
    [496,]
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                                         1.4385677
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##
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##
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                                                          1.1528613
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##
    [499,]
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##
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##
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##
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                                                          0.2461164
##
    [503,]
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                                                                         1.2363997
##
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                                         0.6261610
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##
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                                                         -1.5673732
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                                         1.0323644
##
    [506,]
                  0.379543 -0.96115930 -0.9986523
                                                          1.1528613
                                                                        -0.1332367
    [507.]
##
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                                                          0.2461164
                                                                        -0.1332367
##
    [508,]
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    [509,]
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                                         0.6261610
                                                          1.1528613
                                                                         1.2363997
##
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##
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##
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##
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##
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                                         0.6261610
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                                                                         1.2363997
##
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                                                                         1.2363997
##
    [516,]
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                                        -0.9986523
                                                          0.2461164
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##
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                                         0.6261610
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##
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##
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                                                          1.1528613
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                                                                         1.2363997
##
    [520,]
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                                                          1.1528613
                                                                        -1.5028732
##
    [521,]
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                                         1.0323644
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##
    [522,]
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                                         1.0323644
                                                          1.1528613
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##
    [523,]
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                                         0.6261610
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    [524,]
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    [525,]
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                                                                         1.2363997
##
##
    [526,]
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    [527,]
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                                                          0.2461164
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##
    [528,]
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##
    [529,]
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##
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                                                          1.1528613
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##
    [531,]
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##
    [532,]
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                                         1.0323644
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##
    [534,]
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##
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##
    [536,]
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                                                          1.1528613
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                 -1.025818
##
    [537,]
                  0.379543 -0.05776789
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```

```
##
    [538,]
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##
    ſ539.1
                 -1.025818 2.65240635 -0.5924489
                                                          0.2461164
                                                                        -0.1332367
                 0.379543 -0.96115930
##
    [540,]
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##
    [541,]
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                                                                         1.2363997
                                         0.6261610
##
    [542,]
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##
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##
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##
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    [549,]
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                                         1.0323644
                                                          1.1528613
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##
    [550,]
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                                                          0.2461164
                                                                         1.2363997
##
                  0.379543 -0.96115930 -0.9986523
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##
    [552,]
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##
    [553,]
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##
    [554,]
                 -1.025818 -0.96115930 0.6261610
                                                          1.1528613
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##
    [555,]
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##
    [556,]
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##
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##
    [558,]
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##
    [559,]
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##
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    [561.]
##
                 0.379543 -0.05776789 -0.1862456
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##
    [562,]
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                                                         -1.5673732
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    [563,]
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                                                                        1.2363997
##
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                                                          1.1528613
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##
    [565,]
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                                                                         1.2363997
##
    [566,]
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                                                                         1.2363997
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##
    [567,]
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                                         1.0323644
                                                          0.2461164
##
    [568,]
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                                                          1.1528613
                                                                         1.2363997
##
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                 0.379543 2.65240635 -0.5924489
                                                         -1.5673732
                                                                        -0.1332367
##
    [570,]
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                           0.84562353
                                         1.0323644
                                                         -1.5673732
                                                                         1.2363997
##
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##
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##
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                  0.379543 2.65240635 -0.5924489
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    [725,]
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                                                         0.2461164
                                                                       -1.5028732
##
    [726,]
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                                                        -0.6606284
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##
    [727,]
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##
    [728,]
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                                                         1.1528613
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##
    [729,]
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##
    [730,]
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##
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##
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                                       0.6261610
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                 0.379543 -0.96115930 -0.9986523
    [733,]
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##
    [734,]
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##
                -2.431178 -0.96115930 -0.9986523
                                                                       -0.1332367
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##
    [736,]
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##
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##
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##
    [742.]
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##
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##
    [744,]
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##
    [745,]
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##
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##
    [747,]
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                                        0.2199577
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##
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##
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##
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    [751,]
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```

```
##
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##
    [755.]
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##
##
    [758,]
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##
                 [759,]
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##
    ſ760.]
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##
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##
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##
    [766,]
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##
    [767,]
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                                        0.2199577
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##
    [768,]
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                                                                       1.2363997
##
    [769,]
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                                        1.0323644
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##
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                                                        0.2461164
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##
    [771,]
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                                        0.2199577
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                                                                      -1.5028732
                -1.025818 0.84562353
                                                                      -0.1332367
##
    [772,]
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##
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                                                         0.2461164
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##
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##
    [775,]
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                                                       -1.5673732
                                                                       1.2363997
                -1.025818
##
    [776,]
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                                        1.0323644
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    [777,]
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##
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##
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                                        0.6261610
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##
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##
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##
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##
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                                                         0.2461164
                                                                      -0.1332367
##
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                -2.431178 -0.96115930 -0.9986523
##
    [787,]
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##
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                                                                      -0.1332367
##
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##
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##
    [791,]
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                -1.025818
##
    [792,]
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                                        1.0323644
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                 0.379543
                -1.025818 -0.05776789
##
                                       0.6261610
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##
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##
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##
                                                                      -0.1332367
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##
    [798,]
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##
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                                                                       1.2363997
##
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##
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    [801,]
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                                                                      -1.5028732
    [802,]
##
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                                        1.0323644
                                                        0.2461164
                                                                       1.2363997
##
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                                        1.0323644
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                -1.025818 -0.96115930
##
                                                         1.1528613
    [804,]
                                        0.6261610
                                                                      -0.1332367
##
    [805,]
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                                                         1.1528613
                                                                       1.2363997
    [806,]
##
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                                       1.0323644
                                                         0.2461164
                                                                      -0.1332367
##
    [807,]
                 0.379543 0.84562353 -1.8110589
                                                       -0.6606284
                                                                       1.2363997
```

```
##
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                                        1.0323644
                                                          0.2461164
                                                                        -1.5028732
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##
    [809.]
                                                          1.1528613
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                                        0.6261610
    [810,]
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##
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                                                         -0.6606284
##
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                            1.74901494 -0.5924489
                                                          0.2461164
                                                                        -0.1332367
##
    [812,]
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                            0.84562353
                                         1.0323644
                                                         -0.6606284
                                                                         1.2363997
##
    [813,]
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                                                         -1.5673732
                                                                        -0.1332367
                            1.74901494 -1.8110589
##
    [814.]
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##
    [815,]
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                                        0.2199577
                                                          0.2461164
##
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                                         0.6261610
                                                         -0.6606284
                                                                         1.2363997
##
    [817,]
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                                                         -0.6606284
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    [818,]
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                                                          1.1528613
                                                                         1.2363997
##
    [819,]
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                                                          1.1528613
                                                                        -0.1332367
##
    [820,]
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                                         0.6261610
                                                         -0.6606284
                                                                        -0.1332367
##
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##
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                                                         -0.6606284
                                                                        -0.1332367
                                         1.0323644
##
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##
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##
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                                                          1.1528613
                                                                         1.2363997
                 -1.025818 -0.05776789 -0.1862456
##
    [826,]
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##
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                                                                        -0.1332367
##
    [828,]
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                                                          0.2461164
                                                                        -1.5028732
##
    [829,]
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                                                          0.2461164
                                                                         1.2363997
##
    [830,]
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                                        1.0323644
                                                         -1.5673732
    [831.]
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##
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##
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    [833,]
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                                                          1.1528613
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##
                 -1.025818 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                        -0.1332367
    [834,]
##
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##
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##
    [837,]
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                                         1.0323644
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##
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##
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##
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                                         1.0323644
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##
    [841,]
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##
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                                                                         1.2363997
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##
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##
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##
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##
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##
                 [847,]
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    [848,]
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                                                                        1.2363997
##
    [849,]
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##
    [850.]
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                                                                         1.2363997
##
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##
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##
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##
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##
    [855,]
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##
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##
    [857,]
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                                                                         1.2363997
##
    [858,]
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                                        0.6261610
                                                          0.2461164
                                                                         1.2363997
##
    [859,]
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##
    [860,]
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                                        0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
    [861,]
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                                                          1.1528613
                                                                        -0.1332367
```

```
##
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    [863,]
##
                -2.431178 -0.96115930 0.6261610
                                                          0.2461164
                                                                        1.2363997
    [864,]
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                                                                       -0.1332367
##
                                                          0.2461164
##
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##
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##
    [868.]
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##
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                                                                       -0.1332367
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##
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                                                                       -1.5028732
##
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##
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                                                                        1.2363997
##
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                                                        -1.5673732
                                                                       -0.1332367
                 1.784904 -0.05776789
                                                                       -1.5028732
##
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##
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                                                                        1.2363997
##
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##
    [883,]
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##
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    [885.]
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##
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                                                                       -1.5028732
                                                                        1.2363997
##
    [886,]
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                                        1.0323644
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##
    [887,]
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##
    [888,]
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                 0.379543
##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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```

```
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##
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##
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##
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##
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##
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##
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##
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                                                        -0.6606284
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                           0.84562353 -0.5924489
##
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##
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##
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##
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                                        1.0323644
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                                                                       1.2363997
##
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##
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    [956,]
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##
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##
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##
    [959,]
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##
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##
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##
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                                                         0.2461164
                                                                       1.2363997
##
    [963,]
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##
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##
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                                                                       1.2363997
##
    [966,]
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##
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##
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##
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```

```
##
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##
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                -1.025818 1.74901494 -0.1862456
##
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##
##
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##
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##
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##
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                                                                      -0.1332367
    [981,]
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##
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                                                         1.1528613
##
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##
    [983,]
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                                        0.6261610
                                                         0.2461164
                                                                      -1.5028732
##
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##
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                                        1.0323644
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                                                                      -0.1332367
##
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                                                                      -0.1332367
##
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##
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##
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                                                                      -1.5028732
##
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                                                         0.2461164
                                                                      -0.1332367
##
    [991,]
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                                        1.0323644
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                                                                      -0.1332367
##
    [992,]
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                                        1.0323644
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                                                                      -0.1332367
    [993.]
##
                 0.379543
                          0.84562353 -1.8110589
                                                         0.2461164
                                                                      -0.1332367
                                                                      -0.1332367
##
    [994,]
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                                        1.0323644
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    [995,]
                 1.784904 1.74901494 -0.1862456
                                                         0.2461164
                                                                      -0.1332367
##
    [996,]
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                                        0.6261610
                                                         0.2461164
                                                                       1.2363997
##
    [997,]
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                                        1.0323644
                                                         1.1528613
                                                                      -0.1332367
##
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                                                         0.2461164
##
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##
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##
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                                                                      -0.1332367
  [1005,]
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##
                                                        -1.5673732
                                                                       1.2363997
  [1006,]
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## [1007,]
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                                                                      -1.5028732
                 1.784904
##
  Γ1012.]
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                                                                       1.2363997
##
  [1013,]
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                                                                       1.2363997
## [1014,]
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                                                                      -1.5028732
## [1015,]
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                                        0.2199577
                                                        -0.6606284
                                                                       1.2363997
##
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## [1019,]
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                                       -0.9986523
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## [1021,]
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## [1022,]
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                                        1.4385677
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## [1023,]
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```

```
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   [1025,]
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                                        0.2199577
                                                        0.2461164
                                                                      -0.1332367
                 0.379543 -0.05776789
  [1026,]
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  [1027,]
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                                                        1.1528613
                                                                      -0.1332367
   [1028,]
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                                      -0.9986523
                                                       -0.6606284
                                                                      -0.1332367
  [1029,]
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##
                                        0.6261610
                                                        0.2461164
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  Γ1030.
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##
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                                                                       1.2363997
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##
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##
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##
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                                        0.2199577
                                                       -0.6606284
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                                                                      -0.1332367
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   Γ1047.]
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##
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##
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## [1076,]
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## [1077,]
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##
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  ſ1084.]
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##
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##
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                                        0.6261610
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                -2.431178 -0.05776789 -1.8110589
##
  [1091,]
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   [1094,]
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##
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## [1100,]
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  Γ1101.<sub>]</sub>
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##
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## [1108,]
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## [1113,]
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## [1116,]
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## [1118,]
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## [1122,]
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##
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## [1128,]
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## [1129,]
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## [1131,]
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```

```
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                                                        -0.6606284
                                                                       -0.1332367
## [1138.]
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                                                                       -0.1332367
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## [1139,]
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                                                                       -0.1332367
## [1140.]
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                                                                       -0.1332367
## [1141,]
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                                                         1.1528613
                                                                       -1.5028732
## [1142,]
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                                                                       -0.1332367
  [1143,]
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   [1144,]
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                                        1.0323644
                                                        -1.5673732
                                                                       -0.1332367
## [1145,]
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                                        1.0323644
                                                        -1.5673732
                                                                        1.2363997
                                                                       -0.1332367
## [1146,]
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## [1147,]
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   [1148,]
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   [1149,]
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## [1151,]
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## [1152,]
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## [1154,]
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## [1155.]
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                                                         0.2461164
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                                                                       -1.5028732
## [1156,]
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  [1157,]
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##
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## [1161,]
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## [1162,]
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##
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  [1167,]
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##
                                                         1.1528613
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## [1168,]
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## [1169,]
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## [1170,]
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## [1171,]
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## [1172,]
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## [1173,]
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## [1174,]
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## [1178,]
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## [1192.]
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## [1193,]
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## [1194,]
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                                                        -0.6606284
                                                                        1.2363997
## [1195,]
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                                                        -0.6606284
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## [1196,]
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## [1197,]
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                                                                        1.2363997
## [1198,]
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## [1199,]
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                                        1.0323644
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## [1200,]
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## [1201,]
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   [1202,]
##
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                                                         0.2461164
                                                                        1.2363997
   [1203,]
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  [1204,]
                 1.784904 0.84562353 -1.8110589
                                                         1.1528613
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## [1205,]
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                                                         0.2461164
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## [1206,]
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                                                        -0.6606284
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## [1207,]
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                                                         1.1528613
                                                                        1.2363997
## [1208,]
                -1.025818 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                       -1.5028732
## [1209.]
                -1.025818 -0.05776789 -0.9986523
                                                         1.1528613
                                                                       -0.1332367
                                                                       -1.5028732
## [1210,]
                -2.431178 0.84562353 -1.8110589
                                                         1.1528613
## [1211,]
                 1.784904 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
## [1212,]
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                                                         1.1528613
                                                                       -1.5028732
                                        1.0323644
## [1213,]
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                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
## [1214,]
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## [1215,]
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                                                                       -0.1332367
## [1216,]
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##
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  [1218,]
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                                                                       -0.1332367
## [1219,]
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   [1220,]
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                                                         0.2461164
                                                                       -0.1332367
## [1221,]
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## [1222,]
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                                                         0.2461164
                                                                       -0.1332367
## [1223,]
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                                                                       -0.1332367
                                                         0.2461164
## [1224,]
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                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
## [1225,]
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                                                         0.2461164
                                                                       -0.1332367
## [1226,]
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                                        0.2199577
                                                        -0.6606284
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## [1227,]
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## [1228,]
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                                                        -0.6606284
                                                                       -0.1332367
## [1230,]
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                                                        -1.5673732
                                                                       -0.1332367
## [1231,]
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                                                        -1.5673732
                                                                       -1.5028732
##
  [1232,]
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                                                        -0.6606284
                                                                        1.2363997
## [1233,]
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## [1234,]
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## [1235,]
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## [1236,]
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                                                         1.1528613
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## [1237,]
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                                        1.0323644
                                                        -1.5673732
                                                                       -1.5028732
## [1238,]
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                                        1.0323644
                                                        -0.6606284
                                                                        1.2363997
## [1239,]
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                                                        -0.6606284
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```

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                                                        -0.6606284
   [1244,]
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                           0.84562353 -1.4048556
                                                         0.2461164
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  [1245,]
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                                       0.6261610
                                                        -1.5673732
                                                                        1.2363997
  [1246.]
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                                                         1.1528613
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## [1247,]
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                                                        -0.6606284
                                                                        1.2363997
   [1251,]
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                                       -1.8110589
                                                         0.2461164
                                                                        1.2363997
##
   [1252,]
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                                        1.0323644
                                                        -1.5673732
                                                                       -1.5028732
##
  [1253,]
                 1.784904 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
## [1254,]
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                 0.379543 -0.05776789
                                                        -0.6606284
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  [1255,]
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                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
   [1256,]
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                                        1.0323644
                                                        -1.5673732
                                                                        1.2363997
   [1257,]
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                                       -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
   [1258,]
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                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
   [1259,]
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                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
##
  [1260,]
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                                                         0.2461164
                                                                       -0.1332367
  [1261,]
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                                        0.6261610
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## [1262,]
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                                                         1.1528613
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   ſ1263.]
##
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                                        0.6261610
                                                         0.2461164
                                                                       -0.1332367
                                                                       -1.5028732
##
   [1264,]
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                                                        -0.6606284
   [1265,]
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                                        0.2199577
                                                        -1.5673732
                                                                       -0.1332367
   [1266,]
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                                                        -0.6606284
##
   [1267,]
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                                                        -1.5673732
                                                                       -1.5028732
## [1268,]
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                                                                       -1.5028732
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                                                         0.2461164
  [1269,]
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                                                         0.2461164
                                                                       -0.1332367
## [1270,]
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##
   [1271,]
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                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
   [1272,]
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                                                        -0.6606284
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  [1273,]
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                                                                       -0.1332367
   [1274,]
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                                                        -1.5673732
                                                                       -0.1332367
  [1275,]
##
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                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
## [1276,]
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## [1277,]
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                                                        -0.6606284
                                                                       -0.1332367
                                        1.0323644
## [1278,]
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                                                                       -1.5028732
                 0.379543
                                        0.2199577
                                                         1.1528613
## [1279,]
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                                                        -1.5673732
                                                                       -0.1332367
  [1280,]
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                                                        -0.6606284
   Γ1282.]
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##
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                                                        -1.5673732
## [1284,]
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## [1285,]
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##
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   [1287,]
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## [1290,]
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```

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## [1294,]
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  [1296,]
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  [1297,]
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                 0.379543
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                                                        -0.6606284
                                                                      -0.1332367
  [1299,]
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                                                        -0.6606284
                                                                      -0.1332367
## [1300.]
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## [1301,]
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##
  [1302,]
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                          1.74901494 -0.5924489
                                                        -0.6606284
                                                                      -1.5028732
##
  [1303,]
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                                                         0.2461164
                                                                      -0.1332367
  [1304,]
                -0.6606284
                                                                      -1.5028732
  [1305,]
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                                                                      -1.5028732
##
  [1306,]
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                                        0.6261610
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                                                                      -0.1332367
##
  [1307,]
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                                        1.0323644
                                                        -1.5673732
                                                                      -0.1332367
## [1308,]
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  [1309,]
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##
  [1310,]
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  [1311,]
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  [1312,]
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                                                                      -0.1332367
## [1314,]
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                                                                      -1.5028732
## [1315,]
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  Γ1317.<sub>]</sub>
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##
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  [1320,]
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                                                                       1.2363997
                                        1.0323644
                                                         1.1528613
##
  [1321,]
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                                                         0.2461164
                                                                      -0.1332367
## [1322,]
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                                                         0.2461164
                                                                       1.2363997
## [1323,]
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  [1324,]
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                                                                      -1.5028732
##
   [1325,]
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                                                         0.2461164
                                                                      -1.5028732
   [1326,]
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  [1327,]
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   [1328,]
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                                                                      -1.5028732
  [1329,]
##
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                                        1.4385677
                                                         0.2461164
                                                                      -0.1332367
## [1330,]
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                                                                      -0.1332367
## [1331,]
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## [1332,]
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                                                        -0.6606284
                -1.025818
                                        0.2199577
                                                                      -0.1332367
##
  [1333,]
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                                        0.6261610
                                                         1.1528613
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  [1334,]
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                                        1.0323644
                                                        -0.6606284
                                                                      -0.1332367
  [1335,]
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                                        0.6261610
                                                        -1.5673732
                                                                      -0.1332367
##
  [1336,]
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                                        0.6261610
                                                         1.1528613
                                                                      -1.5028732
##
  [1337,]
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                                        0.6261610
                                                                      -0.1332367
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## [1338,]
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## [1339,]
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##
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                                                        -0.6606284
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                                        1.0323644
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                                                         0.2461164
                                                                      -1.5028732
  [1343,]
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                                        1.0323644
                                                         1.1528613
                                                                      -0.1332367
## [1344,]
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                                                        -1.5673732
                                                                       1.2363997
## [1345,]
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                                       0.6261610
                                                        -1.5673732
                                                                      -0.1332367
## [1346,]
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                                                        -0.6606284
                                                                      -0.1332367
## [1347,]
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                                                                      -0.1332367
```

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## [1348,]
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                                                          1.1528613
                                                                        1.2363997
   [1349,]
                 0.379543 1.74901494 -0.5924489
                                                        -1.5673732
                                                                       -1.5028732
                                                                       -0.1332367
   [1350,]
                -1.025818 -0.96115930
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##
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                                                                       -1.5028732
                 1.784904 -0.05776789 -1.8110589
##
   [1353,]
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                                                                       -0.1332367
  ſ1354.]
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                                        0.6261610
                                                        -1.5673732
                                                                       -0.1332367
## [1355,]
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                                                                        1.2363997
##
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                                         1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
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   [1359,]
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                                         1.0323644
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                                                                       -1.5028732
##
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                                         1.0323644
                                                          1.1528613
                                                                       -0.1332367
                 1.784904 -0.96115930 -0.9986523
##
   [1361,]
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   [1362,]
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                                                                       -0.1332367
   [1363,]
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                                       -1.8110589
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                                                                        1.2363997
##
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                                         1.0323644
                                                          0.2461164
                                                                        1.2363997
   [1365,]
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                                         1.0323644
                                                          1.1528613
                                                                       -0.1332367
   [1366,]
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                                         1.4385677
                                                        -1.5673732
                                                                        1.2363997
##
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                                         1.0323644
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                                                                       -0.1332367
##
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                                                        -0.6606284
                                                                       -0.1332367
  [1369,]
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                                                                       -0.1332367
                                         0.6261610
                                                          1.1528613
## [1370,]
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                                         1.0323644
                                                          0.2461164
                                                                        1.2363997
   Γ1371.
##
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                                         0.6261610
                                                        -0.6606284
                                                                       -0.1332367
##
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                                                                       -0.1332367
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                                                                       -0.1332367
##
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  [1377,]
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                                                                       -0.1332367
##
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                 0.379543 -0.96115930
##
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##
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   [1390,]
##
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                                        0.6261610
                                                        -1.5673732
                                                                       -0.1332367
##
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                                                          1.1528613
## [1392,]
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                                                        -1.5673732
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## [1393,]
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                                                                       -0.1332367
##
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                                                                       -0.1332367
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                                         1.0323644
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                                                                        1.2363997
##
   [1398,]
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## [1399,]
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                                                          0.2461164
                                                                       -1.5028732
## [1400,]
                 0.2461164
                                                                       -0.1332367
## [1401,]
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                                                        -0.6606284
                                                                       -0.1332367
```

```
## [1402,]
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                                                                       -0.1332367
   [1403,]
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                                                                       -1.5028732
   [1404,]
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                                        1.0323644
                                                        -1.5673732
                                                                        1.2363997
  [1405,]
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                                                                        1.2363997
                                        0.6261610
                                                         0.2461164
   [1406,]
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                           0.84562353
                                        0.2199577
                                                         0.2461164
                                                                       -0.1332367
  [1407,]
##
                 0.379543 -0.05776789 -0.1862456
                                                        -1.5673732
                                                                        1.2363997
## \[1408.\]
                -1.025818 -0.05776789 -1.8110589
                                                         0.2461164
                                                                        1.2363997
## [1409,]
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                                                         1.1528613
                                                                        1.2363997
##
   [1410,]
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                                                         0.2461164
                                                                       -0.1332367
##
  [1411,]
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                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
## [1412,]
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                                                        -0.6606284
                                                                       -0.1332367
  [1413,]
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                                                        -0.6606284
                                                                       -0.1332367
##
   [1414,]
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                                                         0.2461164
                                                                       -1.5028732
##
  [1415,]
                 0.2461164
                                                                        1.2363997
## [1416,]
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                                                                       -1.5028732
                                                         0.2461164
## [1417,]
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                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
   [1418,]
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                                                         0.2461164
                                                                       -0.1332367
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                                                         0.2461164
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  [1420,]
##
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                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
  [1421,]
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                                                                       -0.1332367
## [1422,]
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                                        0.2199577
                                                        -0.6606284
                                                                       -0.1332367
## [1423,]
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                                                         0.2461164
                                                                       -0.1332367
## [1424,]
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                                                         0.2461164
                                                                        1.2363997
   Γ1425.]
##
                 0.379543 -0.05776789
                                        0.6261610
                                                         0.2461164
                                                                        1.2363997
##
  [1426,]
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                                                         1.1528613
                                                                       -0.1332367
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                                                        -0.6606284
                                                                        1.2363997
  [1428,]
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                                                         1.1528613
                                                                       -0.1332367
##
   [1429,]
                -1.025818 -0.96115930
                                        1.4385677
                                                        -0.6606284
                                                                       -0.1332367
##
  [1430,]
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                                        0.6261610
                                                         1.1528613
                                                                        1.2363997
## [1431,]
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                           0.84562353
                                        0.2199577
                                                         0.2461164
                                                                       -0.1332367
## [1432,]
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                            0.84562353
                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
##
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                                        0.2199577
                                                         1.1528613
                                                                       -0.1332367
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                                        1.0323644
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  [1435,]
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                                        1.4385677
                                                         1.1528613
                                                                       -1.5028732
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                                                                        1.2363997
  [1437,]
##
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                                                        -1.5673732
                                                                        1.2363997
## [1438,]
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## [1439,]
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                                        1.4385677
## [1440,]
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                                                         1.1528613
                -1.025818
                                        1.0323644
                                                                       -0.1332367
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##
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                                                                       -0.1332367
## [1446,]
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## [1447,]
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                                        1.0323644
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## [1451,]
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## [1452,]
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                                        1.0323644
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## [1453,]
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                                        1.0323644
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## [1454,]
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                                        1.0323644
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                                                                       -0.1332367
## [1455,]
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                                        1.0323644
                                                         0.2461164
                                                                        1.2363997
```

```
## [1456,]
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                                                        0.2461164
                                                                       1.2363997
## [1457,]
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                                                                      -0.1332367
                 0.379543 -0.96115930 0.6261610
## [1458,]
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                                                                      -0.1332367
## [1459,]
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                                                                      -0.1332367
## [1460,]
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                                                                      -0.1332367
## [1461,]
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## [1462.]
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## [1463,]
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## [1464,]
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## [1465,]
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                                                                      1.2363997
## [1466,]
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                [1467,]
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##
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                                                                      -0.1332367
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##
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                                                                      -0.1332367
##
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                                                        0.2461164
##
           MonthlyIncome MonthlyRate NumCompaniesWorked Over18
                                                                    OverTime
##
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                                                             {\tt NaN}
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##
      [6,] -0.7296012794 -0.344082189
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##
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      [8,] -0.8092536674 -0.137416803
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                                                             NaN -0.6280274
##
      [9,] 0.6421190437 -0.776379533
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                                       2.345353
                                                               -1.5836393
##
      [8,]
                  1.85535294
                                       2.345353
                                                               -0.6587487
##
      [9,]
                                       2.345353
                  1.58212424
                                                               -0.6587487
##
     [10,]
                 -0.60370530
                                      -0.426085
                                                               -0.6587487
##
     [11,]
                 -0.60370530
                                      -0.426085
                                                                0.2661420
##
     [12,]
                 -0.87693400
                                      -0.426085
                                                                1.1910327
##
                                      -0.426085
     [13,]
                  0.48920947
                                                                1.1910327
##
     [14,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
##
                                      -0.426085
     [15,]
                 -0.33047661
                                                               -0.6587487
##
     [16,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
     [17,]
##
                                      -0.426085
                 -0.87693400
                                                                1.1910327
##
     [18,]
                 -0.60370530
                                      -0.426085
                                                               -0.6587487
##
     [19,]
                  0.21598078
                                      -0.426085
                                                                0.2661420
##
     [20,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
##
     [21,]
                  0.76243816
                                      -0.426085
                                                                1.1910327
##
     [22,]
                  2.12858163
                                       2.345353
                                                               -0.6587487
##
     [23,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
##
     [24,]
                 -0.33047661
                                      -0.426085
                                                                1.1910327
##
     [25,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
```

шш	FOC 1	1 15016060	0 400005	1 1010207
##	[26,]	-1.15016269	-0.426085	1.1910327
##	[27,]	1.85535294	2.345353	-0.6587487
##	[28,]	-1.15016269	-0.426085	1.1910327
##	[29,]	-0.33047661	-0.426085	1.1910327
##	[30,]	-0.87693400	-0.426085	1.1910327
##	[31,]	-1.15016269	-0.426085	1.1910327
##	[32,]	-0.60370530	-0.426085	1.1910327
##	[33,]	-0.60370530	-0.426085	-1.5836393
##	[34,]	-0.33047661	-0.426085	0.2661420
##	[35,]	0.21598078	-0.426085	-1.5836393
##	[36,]	-0.87693400	-0.426085	1.1910327
##	[37,]	-0.33047661	-0.426085	0.2661420
##	[38,]	-0.60370530	-0.426085	-1.5836393
##	[39,]	-0.33047661	-0.426085	1.1910327
##	[40,]	1.03566686	-0.426085	-1.5836393
##	[41,]	-0.87693400	-0.426085	0.2661420
##	[42,]	-0.60370530	-0.426085	1.1910327
##	[43,]	-0.87693400	-0.426085	0.2661420
##	[44,]	-0.05724792	-0.426085	1.1910327
##	[45,]	2.12858163	2.345353	1.1910327
##	[46,]	-0.87693400	-0.426085	1.1910327
##	[47,]	1.30889555	2.345353	0.2661420
##	[48,]	1.58212424	2.345353	-1.5836393
##	[49,]	1.58212424	2.345353	0.2661420
##	[50,]	1.03566686	-0.426085	1.1910327
##	[51,]	-0.60370530	-0.426085	1.1910327
##	[52,]	-0.60370530	-0.426085	0.2661420
##	[53,]	1.58212424	2.345353	0.2661420
##	[54,]	-0.60370530	-0.426085	0.2661420
##	[55,]	1.03566686	-0.426085	0.2661420
##	[56,]	-0.87693400	-0.426085	0.2661420
##	[57,]	1.85535294	2.345353	1.1910327
##	[58,]	-0.05724792	-0.426085	0.2661420
##	[59,]	1.85535294	2.345353	1.1910327
##	[60,]	0.76243816	-0.426085	0.2661420
##	[61,]	1.85535294	2.345353	-0.6587487
##	[62,]	-1.15016269	-0.426085	1.1910327
##	[63,]	-0.87693400	-0.426085	1.1910327
##	[64,]	-1.15016269	-0.426085	1.1910327
##	[65,]	-0.60370530	-0.426085	-0.6587487
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##	[70,]	0.48920947	-0.426085	-1.5836393
##	[71,]	-1.15016269	-0.426085	1.1910327
##	[72,]	2.12858163	2.345353	1.1910327
##	[73,]	0.48920947	-0.426085	-0.6587487
##	[74,]	0.48920947	-0.426085	-0.6587487
##	[75,]	-0.87693400	-0.426085	-0.6587487
##	[76,]	2.12858163	2.345353	1.1910327
##	[77,]	-0.33047661	-0.426085	-0.6587487
##	[78,]	-0.33047661	-0.426085	-0.6587487
##	[79,]	-0.60370530	-0.426085	-1.5836393
π <b>π</b>	L10,1	0.00070000	0.420000	1.0000093

	F00 7		0.045050	
##	[80,]	1.85535294	2.345353	1.1910327
##	[81,]	-0.87693400	-0.426085	0.2661420
##	[82,]	0.76243816	-0.426085	-1.5836393
##	[83,]	-0.33047661	-0.426085	1.1910327
##	[84,]	-0.87693400	-0.426085	1.1910327
##	[85,]	-0.05724792	-0.426085	0.2661420
##	[86,]	-1.15016269	-0.426085	-1.5836393
##	[87,]	-0.60370530	-0.426085	0.2661420
##	[88,]	2.12858163	2.345353	-0.6587487
##	[89,]	1.03566686	-0.426085	-1.5836393
##	[90,]	0.21598078	-0.426085	1.1910327
##	[91,]	1.85535294	2.345353	1.1910327
##	[92,]	1.85535294	2.345353	1.1910327
##	[93,]	-0.87693400	-0.426085	-0.6587487
##	[94,]	-0.60370530	-0.426085	0.2661420
##	[95,]	0.21598078	-0.426085	-1.5836393
##	[96,]	-0.87693400	-0.426085	-1.5836393
##	[97,]	1.58212424	2.345353	-1.5836393
##	[98,]	-0.05724792	-0.426085	-0.6587487
##	[99,]	-0.60370530	-0.426085	0.2661420
##	[100,]	-0.87693400	-0.426085	0.2661420
##	[101,]	1.85535294	2.345353	1.1910327
##	[102,]	-0.60370530	-0.426085	1.1910327
##	[103,]	0.76243816	-0.426085	-0.6587487
##	[104,]	-0.33047661	-0.426085	0.2661420
##	[105,]	-0.33047661	-0.426085	1.1910327
##	[106,]	1.58212424	2.345353	1.1910327
##	[107,]	1.03566686	-0.426085	-1.5836393
##	[108,]	-1.15016269	-0.426085	1.1910327
##	[109,]	-1.15016269	-0.426085	0.2661420
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##	[112,]	2.40181032	2.345353	1.1910327
##	[113,]	-0.87693400	-0.426085	0.2661420
##	[114,]	-0.87693400	-0.426085	0.2661420
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##	[125,]	0.76243816	-0.426085	-0.6587487
##	[126,]	1.03566686	-0.426085	0.2661420
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##	[128,]	1.03566686	-0.426085	1.1910327
##	[129,]	-0.33047661	-0.426085	0.2661420
##	[130,]	-0.33047661	-0.426085	0.2661420
##	[131,]	-0.87693400	-0.426085	1.1910327
##	[132,]	-1.15016269	-0.426085	1.1910327
##	[133,]	-1.15016269	-0.426085	0.2661420
	,		3. 123300	0.2002120

шш	[134,]	0.60370530	0.406085	0.0661400
##		-0.60370530	-0.426085	0.2661420
##	[135,]	2.12858163	2.345353	1.1910327
##	[136,]	1.30889555	2.345353	1.1910327
##	[137,]	-0.05724792	-0.426085	1.1910327
##	[138,]	-0.33047661	-0.426085	0.2661420
##	[139,]	0.76243816	-0.426085	1.1910327
##	[140,]	1.03566686	-0.426085	1.1910327
##	[141,]	1.85535294	2.345353	-1.5836393
##	[142,]	-0.60370530	-0.426085	-0.6587487
##	[143,]	1.30889555	2.345353	-0.6587487
##	[144,]	-0.33047661	-0.426085	0.2661420
##	[145,]	0.48920947	-0.426085	1.1910327
##	[146,]	-0.33047661	-0.426085	1.1910327
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##	[150,]	-0.33047661	-0.426085	1.1910327
##	[151,]	-1.15016269	-0.426085	-1.5836393
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##	[154,]	0.76243816	-0.426085	0.2661420
##	[155,]	-0.33047661	-0.426085	1.1910327
##	[156,]	-0.60370530	-0.426085	-1.5836393
##	[157,]	0.48920947	-0.426085	0.2661420
##	[158,]	1.30889555	2.345353	-0.6587487
##	[159,]	-1.15016269	-0.426085	-1.5836393
##	[160,]	0.76243816	-0.426085	1.1910327
##	[161,]	2.40181032	2.345353	-1.5836393
##	[162,]	0.76243816	-0.426085	1.1910327
##	[163,]	-1.15016269	-0.426085	0.2661420
##	[164,]	0.21598078	-0.426085	-0.6587487
##	[165,]	-0.05724792	-0.426085	1.1910327
##	[166,]	-0.05724792	-0.426085	-0.6587487
##	[167,]	-0.87693400	-0.426085	-1.5836393
##	[168,]	-0.87693400	-0.426085	0.2661420
##	[169,]	1.85535294	2.345353	0.2661420
##	[170,]	1.30889555	2.345353	-1.5836393
##	[171,]	0.21598078	-0.426085	1.1910327
##	[172,]	1.58212424	2.345353	-1.5836393
##	[173,]	-0.87693400	-0.426085	0.2661420
##	[174,]	-1.15016269	-0.426085	0.2661420
##	[175,]	-1.15016269	-0.426085	-1.5836393
##	[176,]	0.76243816	-0.426085	0.2661420
##	[177,]	-0.33047661	-0.426085	-1.5836393
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##	[180,]	-0.87693400	-0.426085	0.2661420
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##	[182,]	-0.05724792	-0.426085	1.1910327
##	[183,]	1.85535294	2.345353	1.1910327
##	[184,]	-0.05724792	-0.426085	1.1910327
##	[185,]	-1.15016269	-0.426085	0.2661420
##	[186,]	-0.60370530	-0.426085	1.1910327
##	[187,]	-0.33047661	-0.426085	-0.6587487
	,_			1.000. 101

##	[188,]	-1.15016269	-0.426085	1.1910327
##	[189,]	0.48920947	-0.426085	0.2661420
##	[190,]	0.76243816	-0.426085	0.2661420
##	[191,]	-0.33047661	-0.426085	-1.5836393
##	[192,]	0.21598078	-0.426085	1.1910327
##	[193,]	-0.60370530	-0.426085	-1.5836393
##	[194,]	-0.33047661	-0.426085	1.1910327
##	[195,]	2.12858163	2.345353	1.1910327
##	[196,]	-0.87693400	-0.426085	-1.5836393
##	[197,]	-1.15016269	-0.426085	1.1910327
##	[198,]	0.21598078	-0.426085	-0.6587487
##	[199,]	-0.33047661	-0.426085	-0.6587487
##	[200,]	0.76243816	-0.426085	-1.5836393
##	[201,]	1.03566686	-0.426085	0.2661420
##	[202,]	-0.05724792	-0.426085	-1.5836393
##	[203,]	0.48920947	-0.426085	1.1910327
##	[204,]	-0.05724792	-0.426085	0.2661420
##	[205,]	1.03566686	-0.426085	-0.6587487
##	[206,]	1.85535294	2.345353	1.1910327
##	[207,]	0.21598078	-0.426085	-1.5836393
##	[208,]	-0.60370530	-0.426085	-1.5836393
##	[209,]	-0.33047661	-0.426085	1.1910327
##	[210,]	0.21598078	-0.426085	0.2661420
##	[211,]	-1.15016269	-0.426085	0.2661420
##	[212,]	1.85535294	2.345353	0.2661420
##	[213,]	-0.33047661	-0.426085	1.1910327
##	[214,]	0.21598078	-0.426085	1.1910327
##	[215,]	-1.15016269	-0.426085	0.2661420
##	[216,]	0.76243816	-0.426085	0.2661420
##	[217,]	-0.05724792	-0.426085	0.2661420
##	[218,]	-0.33047661	-0.426085	1.1910327
##	[219,]	-0.87693400	-0.426085	1.1910327
##	[220,]	-0.33047661	-0.426085	1.1910327
##	[221,]	0.21598078	-0.426085	1.1910327
##	[222,]	1.58212424	2.345353	1.1910327
##	[223,]	-0.33047661	-0.426085	0.2661420
##	[224,]	-0.87693400	-0.426085	0.2661420
##	[225,]	-0.87693400	-0.426085	1.1910327
##	[226,]	0.48920947	-0.426085	-1.5836393
##	[227,]	0.48920947	-0.426085	0.2661420
##	[228,]	-0.33047661	-0.426085	1.1910327
##	[229,]	-0.33047661	-0.426085	-1.5836393
##	[230,]	-0.60370530	-0.426085	0.2661420
##	[231,]	-0.05724792	-0.426085	-0.6587487
##	[232,]	-1.15016269	-0.426085	1.1910327
##	[233,]	0.48920947	-0.426085	1.1910327
##	[234,]	-1.15016269	-0.426085	0.2661420
##	[235,]	-0.60370530	-0.426085	0.2661420
##	[236,]	1.85535294	2.345353	0.2661420
##	[237,]	1.30889555	2.345353	-1.5836393
##	[238,]	0.76243816	-0.426085	1.1910327
##	[239,]	-1.15016269	-0.426085	-1.5836393
##	[240,]	-0.33047661	-0.426085	1.1910327
##	[241,]	-0.33047661	-0.426085	0.2661420

##	[242,]	0.76243816	-0.426085	-1.5836393
##	[243,]	0.21598078	-0.426085	-1.5836393
##	[244,]	0.48920947	-0.426085	-1.5836393
##	[245,]	-1.15016269	-0.426085	0.2661420
##	[246,]	-0.87693400	-0.426085	-1.5836393
##	[247,]	-0.60370530	-0.426085	0.2661420
##	[248,]	-0.60370530	-0.426085	-0.6587487
##	[249,]	-0.33047661	-0.426085	-1.5836393
##	[250,]	0.48920947	-0.426085	1.1910327
##	[251,]	-1.15016269	-0.426085	-0.6587487
##	[252,]	2.67503902	2.345353	1.1910327
##	[253,]	1.03566686	-0.426085	-1.5836393
##	[254,]	-0.60370530	-0.426085	0.2661420
##	[255,]	-0.33047661	-0.426085	1.1910327
##	[256,]	-0.87693400	-0.426085	1.1910327
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##	[258,]	1.03566686	-0.426085	1.1910327
##	[259,]	-1.15016269	-0.426085	-0.6587487
##	[260,]	-1.15016269	-0.426085	-0.6587487
##	[261,]	1.30889555	2.345353	0.2661420
##	[262,]	0.76243816	-0.426085	1.1910327
##	[263,]	-0.60370530	-0.426085	1.1910327
##	[264,]	-0.87693400	-0.426085	-0.6587487
##	[265,]	-1.15016269	-0.426085	0.2661420
##	[266,]	1.03566686	-0.426085	-0.6587487
##	[267,]	1.58212424	2.345353	-0.6587487
##	[268,]	-0.87693400	-0.426085	1.1910327
##	[269,]	-0.33047661	-0.426085	-0.6587487
##	[270,]	-1.15016269	-0.426085	0.2661420
##	[271,]	-0.33047661	-0.426085	0.2661420
##	[272,]	-0.87693400	-0.426085	1.1910327
##	[273,]	2.12858163	2.345353	1.1910327
##	[274,]	-0.33047661	-0.426085	-0.6587487
##	[275,]	0.48920947	-0.426085	-1.5836393
##	[276,]	0.76243816	-0.426085	-1.5836393
##	[277,]	0.76243816	-0.426085	-0.6587487
##	[278,]	2.40181032	2.345353	0.2661420
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##	[280,]	-0.33047661	-0.426085	-1.5836393
##	[281,]	0.21598078	-0.426085	1.1910327
##	[282,]	2.67503902	2.345353	0.2661420
##	[283,]	0.76243816	-0.426085	-1.5836393
##	[284,]	1.03566686	-0.426085	1.1910327
##	[285,]	-0.60370530	-0.426085	0.2661420
##	[286,]	-0.87693400	-0.426085	-0.6587487
##	[287,]	1.85535294	2.345353	1.1910327
##	[288,]	-0.33047661	-0.426085	-0.6587487
##	[289,]	-0.60370530	-0.426085	1.1910327
##	[290,]	1.58212424	2.345353	1.1910327
##	[291,]	-1.15016269	-0.426085	1.1910327
##	[292,]	-0.87693400	-0.426085	1.1910327
##	[293,]	-1.15016269	-0.426085	0.2661420
##	[294,]	-0.87693400	-0.426085	-0.6587487
##	[295,]	-0.87693400	-0.426085	0.2661420

##	[296,]	-0.33047661	-0.426085	1.1910327
##	[297,]	-0.60370530	-0.426085	0.2661420
##	[298,]	-0.05724792	-0.426085	0.2661420
##	[299,]	0.76243816	-0.426085	1.1910327
##	[300,]	0.76243816	-0.426085	1.1910327
##	[301,]	1.03566686	-0.426085	-0.6587487
##	[302,]	-0.87693400	-0.426085	-1.5836393
##	[303,]	1.03566686	-0.426085	0.2661420
##	[304,]	-1.15016269	-0.426085	-0.6587487
##	[305,]	0.48920947	-0.426085	-1.5836393
##	[306,]	-0.05724792	-0.426085	0.2661420
##	[307,]	-0.33047661	-0.426085	0.2661420
##	[308,]	0.48920947	-0.426085	0.2661420
##	[309,]	-0.60370530	-0.426085	1.1910327
##	[310,]	-0.87693400	-0.426085	0.2661420
##	[311,]	-0.87693400	-0.426085	1.1910327
##	[312,]	0.76243816	-0.426085	-1.5836393
##	[313,]	0.76243816	-0.426085	-0.6587487
##	[314,]	-1.15016269	-0.426085	-0.6587487
##	[315,]	-0.33047661	-0.426085	1.1910327
##	[316,]	1.03566686	-0.426085	-1.5836393
##	[317,]	-0.87693400	-0.426085	1.1910327
##	[318,]	-0.05724792	-0.426085	-1.5836393
##	[319,]	-0.87693400	-0.426085	-0.6587487
##	[320,]	-1.15016269	-0.426085	1.1910327
##	[321,]	-1.15016269	-0.426085	-1.5836393
##	[322,]	-0.87693400	-0.426085	1.1910327
##	[323,]	0.21598078	-0.426085	0.2661420
##	[324,]	-0.60370530	-0.426085	1.1910327
##	[325,]	-0.60370530	-0.426085	1.1910327
##	[326,]	2.40181032	2.345353	-1.5836393
##	[327,]	-0.05724792	-0.426085	-1.5836393
##	[328,]	0.76243816	-0.426085	-1.5836393
##	[329,]	-0.33047661	-0.426085	0.2661420
##	[330,]	-1.15016269	-0.426085	-0.6587487
##	[331,]	-1.15016269	-0.426085	-0.6587487
##	[332,]	-0.60370530	-0.426085	1.1910327
##	[333,]	-0.87693400	-0.426085	1.1910327
##	[334,]	0.21598078	-0.426085	-1.5836393
##	[335,]	-0.33047661	-0.426085	-1.5836393
##	[336,]	1.85535294	2.345353	0.2661420
##	[337,]	-1.15016269	-0.426085	1.1910327
##	[338,]	0.48920947	-0.426085	0.2661420
##	[339,]	-0.60370530	-0.426085	0.2661420
##	[340,]	0.76243816	-0.426085	-1.5836393
##	[341,]	0.21598078	-0.426085	0.2661420
##	[342,]	-0.33047661	-0.426085	-0.6587487
##	[343,]	-0.33047661	-0.426085	0.2661420
##	[344,]	-0.33047661	-0.426085	-1.5836393
##	[345,]	-0.60370530	-0.426085	1.1910327
##	[346,]	-0.87693400	-0.426085 -0.426085	0.2661420
## ##	[347,]	-0.05724792 1.03566686	-0.426085 -0.426085	1.1910327
## ##	[348,]	1.03566686	-0.426085 -0.426085	-1.5836393 -0.6587487
##	[349,]	-0.33047661	-0.420085	-0.000/48/

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##	[350,]	-0.33047661	-0.426085	-1.5836393
##	[351,]	-1.15016269	-0.426085	0.2661420
##	[352,]	-0.60370530	-0.426085	0.2661420
##	[353,]	1.58212424	2.345353	-0.6587487
##	[354,]	-0.60370530	-0.426085	-1.5836393
##	[355,]	-0.87693400	-0.426085	-0.6587487
##	[356,]	0.48920947	-0.426085	-0.6587487
##	[357,]	2.12858163	2.345353	-0.6587487
##	[358,]	-1.15016269	-0.426085	0.2661420
##	[359,]	-0.05724792	-0.426085	-0.6587487
##	[360,]	-1.15016269	-0.426085	-1.5836393
##	[361,]	-1.15016269	-0.426085	0.2661420
##	[362,]	-0.60370530	-0.426085	0.2661420
##	[363,]	2.40181032	2.345353	0.2661420
##	[364,]	-0.60370530	-0.426085	-0.6587487
##	[365,]	1.30889555	2.345353	-0.6587487
##	[366,]	-0.33047661	-0.426085	0.2661420
##	[367,]	0.76243816	-0.426085	0.2661420
##	[368,]	-0.05724792	-0.426085	1.1910327
##	[369,]	-0.87693400	-0.426085	-1.5836393
##	[370,]	0.21598078	-0.426085	1.1910327
##	[371,]	-0.05724792	-0.426085	1.1910327
##	[372,]	0.21598078	-0.426085	1.1910327
##	[373,]	1.03566686	-0.426085	0.2661420
##	[374,]	-1.15016269	-0.426085	-0.6587487
##	[375,]	0.21598078	-0.426085	1.1910327
##	[376,]	2.40181032	2.345353	0.2661420
##	[377,]	-1.15016269	-0.426085	0.2661420
##	[378,]	-0.60370530	-0.426085	-0.6587487
##	[379,]	-0.60370530	-0.426085	-0.6587487
##	[380,]	-0.60370530	-0.426085	0.2661420
##	[381,]	-0.87693400	-0.426085	1.1910327
##	[382,]	0.76243816	-0.426085	-1.5836393
	[383,]	1.85535294	2.345353	0.2661420
##	•		-0.426085	
##	[384,] [385,]	-0.60370530	-0.426085	1.1910327 -0.6587487
##	•	-0.60370530 2.12858163		
##	[386,]		2.345353	0.2661420
##	[387,]	-0.87693400	-0.426085	0.2661420
##	[388,]	-0.87693400	-0.426085	0.2661420
##	[389,]	0.21598078	-0.426085	-0.6587487
##	[390,]	-0.87693400	-0.426085	1.1910327
##	[391,]	-1.15016269	-0.426085	0.2661420
##	[392,]	1.85535294	2.345353	-0.6587487
##	[393,]	-1.15016269	-0.426085	0.2661420
##	[394,]	-0.05724792	-0.426085	-1.5836393
##	[395,]	-0.87693400	-0.426085	-0.6587487
##	[396,]	1.30889555	2.345353	-1.5836393
##	[397,]	-0.33047661	-0.426085	1.1910327
##	[398,]	-1.15016269	-0.426085	-0.6587487
##	[399,]	-0.05724792	-0.426085	-1.5836393
##	[400,]	-0.87693400	-0.426085	0.2661420
##	[401,]	-0.33047661	-0.426085	0.2661420
##	[402,]	-1.15016269	-0.426085	1.1910327
##	[403,]	-1.15016269	-0.426085	-0.6587487

	_			
##	[404,]	0.21598078	-0.426085	0.2661420
##	[405,]	-0.87693400	-0.426085	1.1910327
##	[406,]	-0.60370530	-0.426085	0.2661420
##	[407,]	-0.33047661	-0.426085	0.2661420
##	[408,]	1.58212424	2.345353	1.1910327
##	[409,]	-0.60370530	-0.426085	1.1910327
##	[410,]	-1.15016269	-0.426085	-0.6587487
##	[411,]	1.30889555	2.345353	0.2661420
##	[412,]	-1.15016269	-0.426085	1.1910327
##	[413,]	-0.33047661	-0.426085	0.2661420
##	[414,]	-1.15016269	-0.426085	1.1910327
##	[415,]	0.21598078	-0.426085	-0.6587487
##	[416,]	0.21598078	-0.426085	1.1910327
##	[417,]	2.12858163	2.345353	0.2661420
##	[418,]	-0.33047661	-0.426085	1.1910327
##	[419,]	1.85535294	2.345353	-0.6587487
##	[420,]	-0.05724792	-0.426085	0.2661420
##	[421,]	0.76243816	-0.426085	0.2661420
##	[422,]	0.21598078	-0.426085	-0.6587487
##	[423,]	-0.87693400	-0.426085	0.2661420
##	[424,]	-1.15016269	-0.426085	0.2661420
##	[425,]	-0.87693400	-0.426085	0.2661420
##	[426,]	-0.05724792	-0.426085	-0.6587487
##	[427,]	-0.33047661	-0.426085	0.2661420
##	[428,]	1.03566686	-0.426085	1.1910327
##	[429,]	-0.60370530	-0.426085	0.2661420
##	[430,]	-0.60370530	-0.426085	0.2661420
##	[431,]	-0.05724792	-0.426085	0.2661420
##	[432,]	-1.15016269	-0.426085	0.2661420
##	[433,]	-0.87693400	-0.426085	0.2661420
##	[434,]	1.03566686	-0.426085	0.2661420
##	[435,]	2.67503902	2.345353	1.1910327
##	[436,]	-0.87693400	-0.426085	1.1910327
##	[437,]	-0.60370530	-0.426085	-1.5836393
##	[438,]	-0.33047661	-0.426085	-1.5836393
##	[439,]	-0.87693400	-0.426085	0.2661420
##	[440,]	-0.87693400	-0.426085	-1.5836393
##	[441,]	-0.05724792	-0.426085	0.2661420
##	[442,]	0.48920947	-0.426085	1.1910327
##	[443,]	-0.33047661	-0.426085	1.1910327
##	[444,]	0.21598078	-0.426085	0.2661420
##	[445,]	-0.33047661	-0.426085	-1.5836393
##	[446,]	2.12858163	2.345353	1.1910327
##	[447,]	-0.33047661	-0.426085	1.1910327
##	[448,]	-1.15016269	-0.426085	0.2661420
##	[449,]	-0.05724792	-0.426085	0.2661420
##	[450,]	-1.15016269	-0.426085	-1.5836393
##	[451,]	-0.60370530	-0.426085	0.2661420
##	[452,]	1.58212424	2.345353	1.1910327
##	[453,]	1.03566686	-0.426085	-0.6587487
##	[454,]	-1.15016269	-0.426085	-0.6587487
##	[455,]	-0.87693400	-0.426085	-0.6587487
##	[456,]	1.03566686	-0.426085	0.2661420
##	[457,]	1.58212424	2.345353	0.2661420

##	[458,]	-0.33047661	-0.426085	1.1910327
##	[459,]	-0.05724792	-0.426085	0.2661420
##	[460,]	0.48920947	-0.426085	-1.5836393
##	[461,]	-0.87693400	-0.426085	-1.5836393
##	[462,]	0.21598078	-0.426085	1.1910327
##	[463,]	-0.87693400	-0.426085	1.1910327
##	[464,]	0.76243816	-0.426085	-0.6587487
##	[465,]	0.48920947	-0.426085	1.1910327
##	[466,]	-1.15016269	-0.426085	1.1910327
##	[467,]	0.21598078	-0.426085	-0.6587487
##	[468,]	-0.60370530	-0.426085	1.1910327
##	[469,]	-0.87693400	-0.426085	-0.6587487
##	[470,]	-0.87693400	-0.426085	1.1910327
##	[471,]	-0.60370530	-0.426085	0.2661420
##	[472,]	1.03566686	-0.426085	0.2661420
##	[473,]	-0.87693400	-0.426085	-0.6587487
##	[474,]	0.48920947	-0.426085	0.2661420
##	[475,]	-1.15016269	-0.426085	-0.6587487
##	[476,]	1.30889555	2.345353	1.1910327
##	[477,]	1.58212424	2.345353	1.1910327
##	[478,]	-1.15016269	-0.426085	0.2661420
##	[479,]	-1.15016269	-0.426085	0.2661420
##	[480,]	0.21598078	-0.426085	1.1910327
##	[481,]	0.76243816	-0.426085	0.2661420
##	[482,]	-0.60370530	-0.426085	1.1910327
##	[483,]	0.48920947	-0.426085	0.2661420
##	[484,]	-0.33047661	-0.426085	1.1910327
##	[485,]	1.85535294	2.345353	1.1910327
##	[486,]	-0.87693400	-0.426085	0.2661420
##	[487,]	-1.15016269	-0.426085	0.2661420
##	[488,]	-0.60370530	-0.426085	1.1910327
##	[489,]	-0.60370530	-0.426085	-0.6587487
##	[490,]	-0.33047661	-0.426085	0.2661420
##	[491,]	0.48920947	-0.426085	1.1910327
##	[492,]	-0.60370530	-0.426085	-0.6587487
##	[493,]	-1.15016269	-0.426085	-1.5836393
##	[494,]	-1.15016269	-0.426085	-0.6587487
##	[495,]	0.76243816	-0.426085	1.1910327
##	[496,]	-1.15016269	-0.426085	-0.6587487
##	[497,]	-1.15016269	-0.426085	0.2661420
##	[498,]	-0.87693400	-0.426085	-1.5836393
##	[499,]	1.30889555	2.345353	1.1910327
##	[500,]	-0.87693400	-0.426085	1.1910327
##	[501,]	-0.87693400	-0.426085	1.1910327
##	[502,]	1.30889555	2.345353	0.2661420
##	[503,]	1.30889555	2.345353	1.1910327
##	[504,]	-0.87693400	-0.426085	1.1910327
##	[505,]	-0.33047661	-0.426085	1.1910327
##	[506,]	-0.60370530	-0.426085	0.2661420
##	[507,]	-0.05724792	-0.426085	0.2661420
##	[508,]	-0.33047661	-0.426085	-1.5836393
##	[509,]	-0.60370530	-0.426085	-0.6587487
##	[510,]	2.12858163	2.345353	0.2661420
##	[511,]	-0.05724792	-0.426085	0.2661420

##	[512,]	-1.15016269	-0.426085	0.2661420
##	[513,]	-0.60370530	-0.426085	1.1910327
##	[514,]	-1.15016269	-0.426085	1.1910327
##	[515,]	-1.15016269	-0.426085	-1.5836393
##	[516,]	0.76243816	-0.426085	0.2661420
##	[517,]	0.21598078	-0.426085	-1.5836393
##	[518,]	1.85535294	2.345353	0.2661420
##	[519,]	1.30889555	2.345353	-1.5836393
##	[520,]	0.76243816	-0.426085	1.1910327
##	[521,]	-0.87693400	-0.426085	1.1910327
##	[522,]	1.30889555	2.345353	-0.6587487
##	[523,]	0.48920947	-0.426085	-1.5836393
##	[524,]	-1.15016269	-0.426085	0.2661420
##	[525,]	-0.33047661	-0.426085	-0.6587487
##	[526,]	-0.33047661	-0.426085	-1.5836393
##	[527,]	-1.15016269	-0.426085	-1.5836393
##	[528,]	-0.87693400	-0.426085	1.1910327
##	[529,]	-0.33047661	-0.426085	-1.5836393
##	[530,]	-0.60370530	-0.426085	0.2661420
##	[531,]	-1.15016269	-0.426085	1.1910327
##	[532,]	-0.05724792	-0.426085	1.1910327
##	[533,]	-0.87693400	-0.426085	1.1910327
##	[534,]	1.58212424	2.345353	0.2661420
##	[535,]	1.03566686	-0.426085	0.2661420
##	[536,]	-0.05724792	-0.426085	-0.6587487
##	[537,]	-0.33047661	-0.426085	1.1910327
##	[538,]	1.58212424	2.345353	0.2661420
##	[539,]	-0.87693400	-0.426085	-0.6587487
##	[540,]	-0.05724792	-0.426085	1.1910327
##	[541,]	-0.60370530	-0.426085	1.1910327
##	[542,]	-0.33047661	-0.426085	-1.5836393
##	[543,]	-0.33047661	-0.426085	1.1910327
##	[544,]	-0.33047661	-0.426085	0.2661420
##	[545,]	-0.87693400	-0.426085	1.1910327
##	[546,]	2.12858163	2.345353	1.1910327
##	[547,]	-1.15016269	-0.426085	0.2661420
##	[548,]	-0.87693400	-0.426085	1.1910327
##	[549,]	0.76243816	-0.426085	0.2661420
##	[550,]	-1.15016269	-0.426085	1.1910327
##	[551,]	-0.33047661	-0.426085	1.1910327
##	[552,]	-0.05724792	-0.426085	0.2661420
##	[553,]	-1.15016269	-0.426085	0.2661420
##	[554,]	1.30889555	2.345353	1.1910327
##	[555,]	1.03566686	-0.426085	-1.5836393
##	[556,]	-0.33047661	-0.426085	1.1910327
##	[557,]	0.48920947	-0.426085	1.1910327
##	[558,]	-1.15016269	-0.426085	-1.5836393
##	[559,]	-0.05724792	-0.426085	1.1910327
##	[560,]	-0.60370530	-0.426085	-0.6587487
##	[561,]	-0.33047661	-0.426085	0.2661420
##	[562,]	-1.15016269	-0.426085	-1.5836393
##	[563,]	-0.60370530	-0.426085	0.2661420
##	[564,]	2.12858163	2.345353	-0.6587487
##	[565,]	-0.60370530	-0.426085	-1.5836393

##	[566,]	0.76243816	-0.426085	1.1910327
##	[567,]	-0.87693400	-0.426085	1.1910327
##	[568,]	1.85535294	2.345353	0.2661420
##	[569,]	-0.60370530	-0.426085	1.1910327
##	[570,]	-0.05724792	-0.426085	-0.6587487
##	[571,]	0.76243816	-0.426085	-1.5836393
##	[572,]	-0.33047661	-0.426085	-1.5836393
##	[573,]	-0.87693400	-0.426085	-1.5836393
##	[574,]	0.48920947	-0.426085	0.2661420
##	[575,]	0.21598078	-0.426085	0.2661420
##	[576,]	-1.15016269	-0.426085	-0.6587487
##	[577,]	1.03566686	-0.426085	-0.6587487
##	[578,]	-0.60370530	-0.426085	-0.6587487
##	[579,]	-0.87693400	-0.426085	1.1910327
##	[580,]	-1.15016269	-0.426085	0.2661420
##	[581,]	0.21598078	-0.426085	-0.6587487
##	[582,]	1.58212424	2.345353	0.2661420
##	[583,]	2.40181032	2.345353	1.1910327
##	[584,]	0.48920947	-0.426085	-0.6587487
##	[585,]	-0.60370530	-0.426085	-0.6587487
##	[586,]	1.58212424	2.345353	0.2661420
##	[587,]	-1.15016269	-0.426085	0.2661420
##	[588,]	1.30889555	2.345353	-0.6587487
##	[589,]	0.21598078	-0.426085	1.1910327
##	[590,]	-1.15016269	-0.426085	1.1910327
##	[591,]	-1.15016269	-0.426085	1.1910327
##	[592,]	-0.05724792	-0.426085	0.2661420
##	[593,]	-1.15016269	-0.426085	0.2661420
##	[594,]	-0.05724792	-0.426085	-1.5836393
##	[595,]	2.40181032	2.345353	0.2661420
##	[596,]	-0.87693400	-0.426085	1.1910327
##	[597,]	-0.60370530	-0.426085	0.2661420
##	[598,]	-0.60370530	-0.426085	1.1910327
##	[599,]	0.48920947	-0.426085	1.1910327
##	[600,]	-0.60370530	-0.426085	-0.6587487
##	[601,]	-0.87693400	-0.426085	0.2661420
##	[602,]	-0.33047661	-0.426085	1.1910327
##	[603,]	2.40181032	2.345353	-0.6587487
##	[604,]	-0.33047661	-0.426085	1.1910327
##	[605,]	-0.60370530	-0.426085	1.1910327
##	[606,]	-0.05724792	-0.426085	0.2661420
##	[607,]	0.21598078	-0.426085	0.2661420
##	[608,]	0.76243816	-0.426085	-1.5836393
##	[609,]	0.21598078	-0.426085	0.2661420
##	[610,]	2.40181032	2.345353	0.2661420
##	[611,]	0.21598078	-0.426085	-0.6587487
##	[612,]	1.58212424	2.345353	-0.6587487
##	[613,]	1.30889555	2.345353	-1.5836393
##	[614,]	1.03566686	-0.426085	0.2661420
##	[615,]	-0.33047661	-0.426085	-1.5836393
##	[616,]	-1.15016269	-0.426085	0.2661420
##	[617,]	-0.33047661	-0.426085	0.2661420
##	[618,]	-0.87693400	-0.426085	1.1910327
##	[619,]	-0.60370530	-0.426085	0.2661420

##	[620,]	1.85535294	2.345353	-1.5836393
##	[621,]	-1.15016269	-0.426085	1.1910327
##	[622,]	-0.33047661	-0.426085	1.1910327
##	[623,]	-1.15016269	-0.426085	0.2661420
##	[624,]	-0.87693400	-0.426085	-0.6587487
##	[625,]	0.76243816	-0.426085	1.1910327
##	[626,]	-0.87693400	-0.426085	0.2661420
##	[627,]	-0.87693400	-0.426085	0.2661420
##	[628,]	1.85535294	2.345353	0.2661420
##	[629,]	1.03566686	-0.426085	1.1910327
##	[630,]	-0.60370530	-0.426085	1.1910327
##	[631,]	1.85535294	2.345353	-1.5836393
##	[632,]	2.40181032	2.345353	0.2661420
##	[633,]	-0.33047661	-0.426085	1.1910327
##	[634,]	1.58212424	2.345353	0.2661420
##	[635,]	0.76243816	-0.426085	1.1910327
##	[636,]	1.30889555	2.345353	-0.6587487
##	[637,]	1.03566686	-0.426085	-1.5836393
##	[638,]	-0.87693400	-0.426085	-0.6587487
##	[639,]	-0.87693400	-0.426085	-1.5836393
##	[640,]	0.21598078	-0.426085	-0.6587487
##	[641,]	0.48920947	-0.426085	1.1910327
##	[642,]	-0.33047661	-0.426085	1.1910327
##	[643,]	1.03566686	-0.426085	1.1910327
##	[644,]	-0.60370530	-0.426085	-0.6587487
##	[645,]	1.03566686	-0.426085	-0.6587487
##	[646,]	1.03566686	-0.426085	0.2661420
##	[647,]	-0.33047661	-0.426085	0.2661420
##	[648,]	0.21598078	-0.426085	-1.5836393
##	[649,]	-0.05724792	-0.426085	-0.6587487
##	[650,]	0.76243816	-0.426085	0.2661420
##	[651,]	-0.60370530	-0.426085	-0.6587487
##	[652,]	1.85535294	2.345353	-1.5836393
##	[653,]	-0.60370530	-0.426085	1.1910327
##	[654,]	-1.15016269	-0.426085	1.1910327
##	[655,]	-1.15016269	-0.426085	0.2661420
##	[656,]	-1.15016269	-0.426085	0.2661420
##	[657,]	2.40181032	2.345353	0.2661420
##	[658,]	-0.33047661	-0.426085	0.2661420
##	[659,]	-0.60370530	-0.426085	1.1910327
##	[660,]	-0.33047661	-0.426085	-0.6587487
##	[661,]	-0.33047661	-0.426085	1.1910327
##	[662,]	1.58212424	2.345353	0.2661420
##	[663,]	-0.60370530	-0.426085	1.1910327
##	[664,]	1.03566686	-0.426085	-1.5836393
##	[665,]	0.48920947	-0.426085	-1.5836393
##	[666,]	0.76243816	-0.426085	-1.5836393
##	[667,]	1.03566686	-0.426085	-1.5836393
##	[668,]	-0.60370530	-0.426085	0.2661420
##	[669,]	0.76243816	-0.426085	-0.6587487
##	[670,]	1.58212424	2.345353	1.1910327
##	[671,]	1.03566686	-0.426085	0.2661420
##	[672,]	-0.33047661	-0.426085	-0.6587487
##	[673,]	0.48920947	-0.426085	-1.5836393

##	[674,]	-1.15016269	-0.426085	-0.6587487
##	[675,]	-0.60370530	-0.426085	1.1910327
##	[676,]	-0.05724792	-0.426085	-0.6587487
##	[677,]	2.67503902	2.345353	1.1910327
##	[678,]	-1.15016269	-0.426085	0.2661420
##	[679,]	0.48920947	-0.426085	-1.5836393
##	[680,]	-0.60370530	-0.426085	1.1910327
##	[681,]	0.76243816	-0.426085	0.2661420
##	[682,]	-0.60370530	-0.426085	-0.6587487
##	[683,]	1.30889555	2.345353	0.2661420
##	[684,]	0.76243816	-0.426085	0.2661420
##	[685,]	-0.87693400	-0.426085	-0.6587487
##	[686,]	-0.87693400	-0.426085	-0.6587487
##	[687,]	-0.60370530	-0.426085	0.2661420
##	[688,]	1.58212424	2.345353	0.2661420
##	[689,]	-0.60370530	-0.426085	-0.6587487
	[690,]	1.03566686	-0.426085	-0.6587487
##	[691,]	-1.15016269	-0.426085	0.2661420
## ##	[692,]	-0.33047661	-0.426085	1.1910327
##	[693,]	-0.87693400	-0.426085	0.2661420
	[694,]	-1.15016269	-0.426085	-1.5836393
##	[695,]	-0.33047661	-0.426085	-1.5836393
##	[696,]	-1.15016269	-0.426085	0.2661420
##	[697,]	-0.87693400	-0.426085	-0.6587487
##	-			
##	[698,]	-0.05724792 0.21598078	-0.426085	-0.6587487 -0.6587487
##	[699,]	-0.05724792	-0.426085 -0.426085	-0.6587487
##	[700,]	2.40181032	2.345353	-1.5836393
##	[701,]			
##	[702,]	-0.60370530	-0.426085	0.2661420
##	[703,]	-1.15016269	-0.426085	-1.5836393
##	[704,]	-0.60370530	-0.426085	-0.6587487
##	[705,]	-0.60370530	-0.426085	-0.6587487 1.1910327
##	[706,]	0.76243816 0.21598078	-0.426085	
##	[707,]		-0.426085	1.1910327
##	[708,]	1.03566686	-0.426085	0.2661420
##	[709,]	-0.60370530 1.85535294	-0.426085	1.1910327
##	[710,]		2.345353	-1.5836393
##	[711,]	-1.15016269	-0.426085	1.1910327
##	[712,]	1.30889555	2.345353	0.2661420
##	[713,]	0.76243816	-0.426085	-1.5836393
##	[714,]	-0.33047661	-0.426085	1.1910327
##	[715,]	1.85535294	2.345353	0.2661420
##	[716,]	-0.60370530	-0.426085	-1.5836393
##	[717,]	0.48920947	-0.426085	-0.6587487
##	[718,]	-0.33047661	-0.426085	-0.6587487
##	[719,]	-0.05724792	-0.426085	0.2661420
##	[720,]	0.48920947	-0.426085	0.2661420
##	[721,]	-1.15016269	-0.426085	-0.6587487
##	[722,]	0.76243816	-0.426085	1.1910327
##	[723,]	0.48920947	-0.426085	-0.6587487
##	[724,]	-0.60370530	-0.426085	-0.6587487
##	[725,]	-0.05724792	-0.426085	-0.6587487
##	[726,]	2.40181032	2.345353	1.1910327
##	[727,]	-0.87693400	-0.426085	0.2661420

##	[728,]	-0.05724792	-0.426085	1.1910327
##	[729,]	-1.15016269	-0.426085	0.2661420
##	[730,]	-1.15016269	-0.426085	0.2661420
##	[731,]	-0.87693400	-0.426085	0.2661420
##	[732,]	-0.05724792	-0.426085	-1.5836393
##	[733,]	0.48920947	-0.426085	-1.5836393
##	[734,]	-0.87693400	-0.426085	-0.6587487
##	[735,]	-0.05724792	-0.426085	-1.5836393
##	[736,]	-0.60370530	-0.426085	1.1910327
##	[737,]	-0.33047661	-0.426085	-0.6587487
##	[738,]	-0.33047661	-0.426085	-0.6587487
##	[739,]	0.21598078	-0.426085	0.2661420
##	[740,]	0.76243816	-0.426085	-0.6587487
##	[741,]	1.30889555	2.345353	-1.5836393
##	[742,]	-0.60370530	-0.426085	-0.6587487
##	[743,]	0.76243816	-0.426085	-0.6587487
##	[744,]	-0.60370530	-0.426085	-1.5836393
##	[745,]	-0.05724792	-0.426085	-1.5836393
##	[746,]	-0.33047661	-0.426085	1.1910327
##	[747,]	1.85535294	2.345353	-0.6587487
	•	-0.87693400	-0.426085	0.2661420
##	[748,]	0.76243816	-0.426085	1.1910327
##	[749,]		-0.426085	1.1910327
##	[750,]	-0.05724792		
##	[751,]	0.76243816	-0.426085	0.2661420 -1.5836393
##	[752,]	-0.87693400	-0.426085	
##	[753,]	0.21598078	-0.426085	0.2661420
##	[754,]	-0.60370530	-0.426085	0.2661420
##	[755,]	1.03566686	-0.426085	1.1910327
##	[756,]	-0.60370530	-0.426085	-0.6587487
##	[757,]	-0.87693400	-0.426085	-0.6587487
##	[758,]	-1.15016269	-0.426085	1.1910327
##	[759,]	-0.33047661	-0.426085	0.2661420
##	[760,]	0.21598078	-0.426085	-1.5836393
##	[761,]	-0.87693400	-0.426085	-1.5836393
##	[762,]	-0.33047661	-0.426085	-0.6587487
##	[763,]	-0.33047661	-0.426085	-0.6587487
##	[764,]	1.03566686	-0.426085	1.1910327
##	[765,]	1.85535294	2.345353	-0.6587487
##	[766,]	0.21598078	-0.426085	-1.5836393
##	[767,]	-1.15016269	-0.426085	1.1910327
##	[768,]	-0.05724792	-0.426085	-1.5836393
##	[769,]	-0.33047661	-0.426085	-0.6587487
##	[770,]	-0.60370530	-0.426085	0.2661420
##	[771,]	0.48920947	-0.426085	1.1910327
##	[772,]	-1.15016269	-0.426085	-0.6587487
##	[773,]	1.03566686	-0.426085	-0.6587487
##	[774,]	-1.15016269	-0.426085	-0.6587487
##	[775,]	-0.05724792	-0.426085	-0.6587487
##	[776,]	-0.60370530	-0.426085	0.2661420
##	[777,]	-0.33047661	-0.426085	-0.6587487
##	[778,]	-0.60370530	-0.426085	-1.5836393
##	[779,]	2.12858163	2.345353	-1.5836393
##	[780,]	-0.87693400	-0.426085	0.2661420
##	[781,]	-0.87693400	-0.426085	-1.5836393

	F=00 7			
##	[782,]	0.21598078	-0.426085	-1.5836393
##	[783,]	-0.05724792	-0.426085	0.2661420
##	[784,]	-0.60370530	-0.426085	0.2661420
##	[785,]	0.76243816	-0.426085	-1.5836393
##	[786,]	1.30889555	2.345353	1.1910327
##	[787,]	1.03566686	-0.426085	1.1910327
##	[788,]	0.76243816	-0.426085	-0.6587487
##	[789,]	-0.60370530	-0.426085	1.1910327
##	[790,]	-0.33047661	-0.426085	1.1910327
##	[791,]	-0.05724792	-0.426085	0.2661420
##	[792,]	1.85535294	2.345353	-1.5836393
##	[793,]	1.85535294	2.345353	-0.6587487
##	[794,]	0.21598078	-0.426085	1.1910327
##	[795,]	0.48920947	-0.426085	0.2661420
##	[796,]	-0.33047661	-0.426085	0.2661420
##	[797,]	-0.05724792	-0.426085	-0.6587487
##	[798,]	1.30889555	2.345353	0.2661420
##	[799,]	1.30889555	2.345353	-0.6587487
##	[800,]	0.48920947	-0.426085	1.1910327
##	[801,]	-0.05724792	-0.426085	-1.5836393
##	[802,]	-0.33047661	-0.426085	1.1910327
##	[803,]	0.48920947	-0.426085	0.2661420
##	[804,]	0.48920947	-0.426085	1.1910327
##	[805,]	1.85535294	2.345353	0.2661420
##	[806,]	-0.60370530	-0.426085	1.1910327
##	[807,]	1.03566686	-0.426085	1.1910327
##	[808,]	-0.33047661	-0.426085	-0.6587487
##	[809,]	1.85535294	2.345353	-1.5836393
##	[810,]	0.48920947	-0.426085	-0.6587487
##	[811,]	-0.87693400	-0.426085	1.1910327
##	[812,]	0.21598078	-0.426085	0.2661420
##	[813,]	-1.15016269	-0.426085	0.2661420
##	[814,]	-1.15016269	-0.426085	1.1910327
##	[815,]	-0.33047661	-0.426085	-1.5836393
##	[816,]	-1.15016269	-0.426085	0.2661420
##	[817,]	-0.05724792	-0.426085	0.2661420
##	[818,]	1.30889555	2.345353	-1.5836393
##	[819,]	-0.87693400	-0.426085	-1.5836393
##	[820,]	0.48920947	-0.426085	-1.5836393
##	[821,]	-1.15016269	-0.426085	1.1910327
##	[822,]	0.48920947	-0.426085	-0.6587487
##	[823,]	-1.15016269	-0.426085	1.1910327
##	[824,]	-0.33047661	-0.426085	1.1910327
##	[825,]	1.03566686	-0.426085	-1.5836393
##	[826,]	-0.05724792	-0.426085	0.2661420
##	[827,]	-0.60370530	-0.426085	1.1910327
##	[828,]	-0.33047661	-0.426085	1.1910327
##	[829,]	-0.87693400	-0.426085	1.1910327
##	[830,]	0.48920947	-0.426085	-1.5836393
##	[831,]	-1.15016269	-0.426085	-1.5836393
##	[832,]	-0.87693400	-0.426085	0.2661420
##	[833,]	-0.60370530	-0.426085	0.2661420
##	[834,]	-0.60370530	-0.426085	0.2661420
##	[835,]	1.30889555	2.345353	-1.5836393

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##	[836,]	0.48920947	-0.426085	-0.6587487
##	[837,]	-0.60370530	-0.426085	-1.5836393
##	[838,]	0.48920947	-0.426085	0.2661420
##	[839,]	-0.87693400	-0.426085	-0.6587487
##	[840,]	-0.60370530	-0.426085	1.1910327
##	[841,]	-0.87693400	-0.426085	-0.6587487
##	[842,]	1.85535294	2.345353	1.1910327
##	[843,]	-1.15016269	-0.426085	1.1910327
##	[844,]	1.85535294	2.345353	-0.6587487
##	[845,]	0.76243816	-0.426085	-1.5836393
##	[846,]	-0.60370530	-0.426085	1.1910327
##	[847,]	0.76243816	-0.426085	-0.6587487
##	[848,]	1.30889555	2.345353	0.2661420
##	[849,]	-0.60370530	-0.426085	-0.6587487
##	[850,]	-0.60370530	-0.426085	-0.6587487
##	[851,]	-0.87693400	-0.426085	0.2661420
##	[852,]	-0.60370530	-0.426085	1.1910327
##	[853,]	-0.60370530	-0.426085	-1.5836393
##	[854,]	2.67503902	2.345353	0.2661420
##	[855,]	1.03566686	-0.426085	0.2661420
##	[856,]	-0.60370530	-0.426085	-0.6587487
##	[857,]	-0.87693400	-0.426085	-1.5836393
##	[858,]	-1.15016269	-0.426085	0.2661420
##	[859,]	0.76243816	-0.426085	-0.6587487
##	[860,]	0.76243816	-0.426085	-1.5836393
##	[861,]	-1.15016269	-0.426085	-0.6587487
##	[862,]	2.12858163	2.345353	-1.5836393
##	[863,]	-0.60370530	-0.426085	1.1910327
##	[864,]	-0.60370530	-0.426085	1.1910327
##	[865,]	0.48920947	-0.426085	-1.5836393
##	[866,]	1.03566686	-0.426085	0.2661420
##	[867,]	-0.87693400	-0.426085	1.1910327
##	[868,]	1.85535294	2.345353	0.2661420
	[869,]	-0.87693400	-0.426085	0.2661420
##	-	-1.15016269		
## ##	[870,] [871,]	-0.05724792	-0.426085 -0.426085	-1.5836393 1.1910327
	[872,]	-0.60370530	-0.426085	-1.5836393
##				
##	[873,]	-0.87693400	-0.426085	-1.5836393
##	[874,]	-0.33047661 -0.60370530	-0.426085	0.2661420
##	[875,]		-0.426085	-1.5836393
##	[876,]	2.67503902	2.345353	-0.6587487
##	[877,]	0.48920947	-0.426085	1.1910327
##	[878,]	-1.15016269	-0.426085	0.2661420
##	[879,]	0.21598078	-0.426085	-1.5836393
##	[880,]	0.76243816	-0.426085	-0.6587487
##	[881,]	1.30889555	2.345353	0.2661420
##	[882,]	-0.33047661	-0.426085	1.1910327
##	[883,]	1.58212424	2.345353	0.2661420
##	[884,]	-0.60370530	-0.426085	-0.6587487
##	[885,]	-0.87693400	-0.426085	-0.6587487
##	[886,]	-0.33047661	-0.426085	-0.6587487
##	[887,]	1.58212424	2.345353	-1.5836393
##	[888,]	0.48920947	-0.426085	0.2661420
##	[889,]	-1.15016269	-0.426085	-0.6587487

##	[890,]	-0.33047661	-0.426085	1.1910327
##	[891,]	0.48920947	-0.426085	-1.5836393
##	[892,]	-0.60370530	-0.426085	1.1910327
##	[893,]	2.67503902	2.345353	-0.6587487
##	[894,]	-0.05724792	-0.426085	-1.5836393
##	[895,]	-0.33047661	-0.426085	-1.5836393
##	[896,]	-0.87693400	-0.426085	1.1910327
##	[897,]	1.03566686	-0.426085	-0.6587487
##	[898,]	0.48920947	-0.426085	1.1910327
##	[899,]	-0.33047661	-0.426085	-0.6587487
##	[900,]	-0.60370530	-0.426085	0.2661420
##	[901,]	-0.87693400	-0.426085	0.2661420
##	[902,]	-1.15016269	-0.426085	0.2661420
##	[903,]	-1.15016269	-0.426085	-0.6587487
##	[904,]	-1.15016269	-0.426085	-0.6587487
##	[905,]	-0.87693400	-0.426085	0.2661420
##	[906,]	-0.33047661	-0.426085	-0.6587487
##	[907,]	0.48920947	-0.426085	1.1910327
##	[908,]	-1.15016269	-0.426085	0.2661420
##	[909,]	-0.33047661	-0.426085	1.1910327
##	[910,]	-0.87693400	-0.426085	1.1910327
##	[911,]	1.85535294	2.345353	1.1910327
##	[912,]	-0.33047661	-0.426085	1.1910327
##	[913,]	1.30889555	2.345353	-0.6587487
##	[914,]	0.21598078	-0.426085	-1.5836393
##	[915,]	-0.05724792	-0.426085	1.1910327
##	[916,]	1.30889555	2.345353	0.2661420
##	[917,]	-0.33047661	-0.426085	0.2661420
##	[918,]	-0.87693400	-0.426085	1.1910327
##	[919,]	2.40181032	2.345353	-1.5836393
##	[920,]	-0.87693400	-0.426085	1.1910327
##	[921,]	-0.60370530	-0.426085	0.2661420
##	[922,]	-1.15016269	-0.426085	0.2661420
##	[923,]	-0.33047661	-0.426085	1.1910327
##	[924,]	-1.15016269	-0.426085	1.1910327
##	[925,]	-0.33047661	-0.426085	1.1910327
##	[926,]	0.21598078	-0.426085	1.1910327
##	[927,]	-0.33047661	-0.426085	1.1910327
##	[928,]	-1.15016269	-0.426085	1.1910327
##	[929,]	-1.15016269	-0.426085	1.1910327
##	[930,]	-0.87693400	-0.426085	-0.6587487
##	[931,]	-0.33047661	-0.426085	-0.6587487
##	[932,]	0.76243816	-0.426085	0.2661420
##	[933,]	-0.60370530	-0.426085	-1.5836393
##	[934,]	-1.15016269	-0.426085	-0.6587487
##	[935,]	0.76243816	-0.426085	1.1910327
##	[936,]	-0.05724792	-0.426085	0.2661420
##	[937,]	1.85535294	2.345353	0.2661420
##	[938,]	-0.60370530	-0.426085	1.1910327
##	[939,]	-0.87693400	-0.426085	1.1910327
##	[940,]	0.76243816	-0.426085	-1.5836393
##	[941,]	-0.60370530	-0.426085	-1.5836393
##	[942,]	-0.87693400	-0.426085	-1.5836393
##	[943,]	-0.87693400	-0.426085	-1.5836393

##	[944,]	-0.87693400	-0.426085	0.2661420
##	[945,]	-1.15016269	-0.426085	-1.5836393
##	[946,]	-1.15016269	-0.426085	-0.6587487
##	[947,]	-0.87693400	-0.426085	0.2661420
##	[948,]	1.03566686	-0.426085	0.2661420
##	[949,]	2.12858163	2.345353	1.1910327
##	[950,]	-1.15016269	-0.426085	-1.5836393
##	[951,]	1.03566686	-0.426085	-1.5836393
##	[952,]	-0.60370530	-0.426085	-1.5836393
##	[953,]	-1.15016269	-0.426085	-1.5836393
##	[954,]	-0.87693400	-0.426085	0.2661420
##	[955,]	-0.60370530	-0.426085	1.1910327
##	[956,]	-0.33047661	-0.426085	1.1910327
##	[957,]	-0.33047661	-0.426085	-1.5836393
##	[958,]	0.21598078	-0.426085	-0.6587487
##	[959,]	-1.15016269	-0.426085	1.1910327
##	[960,]	-0.60370530	-0.426085	0.2661420
##	[961,]	0.48920947	-0.426085	1.1910327
##	[962,]	-1.15016269	-0.426085	-0.6587487
##	[963,]	-1.15016269	-0.426085	-0.6587487
##	[964,]	-0.05724792	-0.426085	1.1910327
##	[965,] [966,]	-0.87693400	-0.426085 -0.426085	1.1910327 0.2661420
## ##	[967,]	-1.15016269 -0.33047661	-0.426085	1.1910327
##	[968,]	1.85535294	2.345353	0.2661420
##	[969,]	0.21598078	-0.426085	1.1910327
##	[970,]	-1.15016269	-0.426085	0.2661420
##	[971,]	-0.33047661	-0.426085	-0.6587487
##	[972,]	0.21598078	-0.426085	-0.6587487
##	[973,]	-0.05724792	-0.426085	0.2661420
##	[974,]	-0.87693400	-0.426085	-0.6587487
##	[975,]	1.30889555	2.345353	-0.6587487
##	[976,]	0.48920947	-0.426085	0.2661420
##	[977,]	-0.87693400	-0.426085	-1.5836393
##	[978,]	1.30889555	2.345353	0.2661420
##	[979,]	1.30889555	2.345353	-0.6587487
##	[980,]	-0.60370530	-0.426085	-1.5836393
##	[981,]	-0.33047661	-0.426085	0.2661420
##	[982,]	0.76243816	-0.426085	0.2661420
##	[983,]	-1.15016269	-0.426085	1.1910327
##	[984,]	-1.15016269	-0.426085	1.1910327
##	[985,]	-1.15016269	-0.426085	0.2661420
##	[986,]	-0.05724792	-0.426085	1.1910327
##	[987,]	-0.87693400	-0.426085	1.1910327
##	[988,]	-1.15016269	-0.426085	-0.6587487
##	[989,]	-0.33047661	-0.426085	-1.5836393
##	[990,]	-0.05724792	-0.426085	1.1910327
##	[991,]	-0.60370530	-0.426085	-1.5836393
##	[992,]	-0.60370530	-0.426085	-1.5836393
##	[993,]	1.58212424	2.345353	-0.6587487
## ##	[994,] [995,]	-1.15016269 -1.15016269	-0.426085 -0.426085	-0.6587487 -0.6587487
## ##	[996,]	-0.33047661	-0.426085 -0.426085	-1.5836393
##	[997,]	-1.15016269	-0.426085	1.1910327
π#	[991,]	1.10010209	0.420000	1.1310321

##	[998,]	-0.60370530	-0.426085	1.1910327
##	[999,]	-0.87693400	-0.426085	1.1910327
##	[1000,]	-0.33047661	-0.426085	0.2661420
##	[1001,]	-0.60370530	-0.426085	0.2661420
##	[1002,]	0.76243816	-0.426085	-1.5836393
##	[1003,]	-1.15016269	-0.426085	0.2661420
##	[1004,]	-1.15016269	-0.426085	-0.6587487
##	[1005,]	-0.87693400	-0.426085	1.1910327
##	[1006,]	-0.60370530	-0.426085	-1.5836393
##	[1007,]	1.30889555	2.345353	-1.5836393
##	[1008,]	-0.87693400	-0.426085	-1.5836393
##	[1009,]	1.03566686	-0.426085	1.1910327
##	[1010,]	1.58212424	2.345353	0.2661420
##	[1011,]	-0.60370530	-0.426085	1.1910327
##	[1012,]	0.21598078	-0.426085	1.1910327
##	[1013,]	-0.87693400	-0.426085	-0.6587487
##	[1014,]	-0.33047661	-0.426085	-0.6587487
##	[1015,]	-1.15016269	-0.426085	0.2661420
##	[1016,]	-0.33047661	-0.426085	0.2661420
##	[1017,]	-0.87693400	-0.426085	0.2661420
##	[1018,]	-0.33047661	-0.426085	-0.6587487
##	[1019,]	0.21598078	-0.426085	0.2661420
##	[1020,]	-0.60370530	-0.426085	-1.5836393
##	[1021,]	-0.87693400	-0.426085	0.2661420
##	[1022,]	-0.87693400	-0.426085	-1.5836393
##	[1023,]	-0.33047661	-0.426085	-1.5836393
##	[1024,]	1.85535294	2.345353	1.1910327
##	[1025,]	1.03566686	-0.426085	-0.6587487
##	[1026,]	-0.87693400	-0.426085	0.2661420
##	[1027,]	-0.87693400	-0.426085	0.2661420
##	[1028,]	0.48920947	-0.426085	-1.5836393
##	[1029,]	-0.87693400	-0.426085	-1.5836393
##	[1030,]	-1.15016269	-0.426085	0.2661420
##	[1031,]	0.76243816	-0.426085	-1.5836393
##	[1032,]	-1.15016269	-0.426085	-1.5836393
##	[1033,]	2.12858163	2.345353	-0.6587487
##	[1034,]	-1.15016269	-0.426085	-1.5836393
##	[1035,]	0.76243816	-0.426085	-0.6587487
##	[1036,]	0.76243816	-0.426085	1.1910327
##	[1037,]	-0.60370530	-0.426085	0.2661420
##	[1038,]	0.76243816	-0.426085 -0.426085	1.1910327
##	[1039,] [1040,]	-1.15016269 -0.05724792	-0.426085	-1.5836393
## ##	[1040,]	-1.15016269	-0.426085	1.1910327 0.2661420
##	[1041,]	0.76243816	-0.426085	1.1910327
##	[1042,]	-0.33047661	-0.426085	1.1910327
##	[1044,]	-0.87693400	-0.426085	-0.6587487
##	[1044,]	-0.33047661	-0.426085	-0.6587487
##	[1046,]	-0.33047661	-0.426085	0.2661420
##	[1047,]	-0.60370530	-0.426085	0.2661420
##	[1047,] $[1048,]$	-0.33047661	-0.426085	-1.5836393
##	[1049,]	0.76243816	-0.426085	1.1910327
##	[1050,]	-0.05724792	-0.426085	0.2661420
##	[1050,]	-0.60370530	-0.426085	0.2661420
	[	0.00010000	0.120000	0.2001420

##	[1052,]	-0.87693400	-0.426085	0.2661420
##	[1053,]	-0.60370530	-0.426085	-0.6587487
##	[1054,]	2.40181032	2.345353	-1.5836393
##	[1055,]	-0.33047661	-0.426085	-0.6587487
##	[1056,]	-0.33047661	-0.426085	1.1910327
##	[1057,]	-0.05724792	-0.426085	1.1910327
##	[1058,]	-1.15016269	-0.426085	-1.5836393
##	[1059,]	2.12858163	2.345353	0.2661420
##	[1060,]	-0.60370530	-0.426085	-1.5836393
##	[1061,]	-1.15016269	-0.426085	0.2661420
##	[1062,]	-0.60370530	-0.426085	0.2661420
##	[1063,]	0.76243816	-0.426085	-0.6587487
##	[1064,]	-0.33047661	-0.426085	0.2661420
##	[1065,]	1.58212424	2.345353	-1.5836393
##	[1066,]	0.21598078	-0.426085	-0.6587487
##	[1067,]	-1.15016269	-0.426085	1.1910327
##	[1068,]	0.48920947	-0.426085	0.2661420
##	[1069,]	-1.15016269	-0.426085	0.2661420
##	[1070,]	-0.33047661	-0.426085	1.1910327
##	[1071,]	-0.33047661	-0.426085	1.1910327
##	[1072,]	2.67503902	2.345353	-1.5836393
##	[1073,]	-0.60370530	-0.426085	0.2661420
##	[1074,]	-0.33047661	-0.426085	-0.6587487
##	[1075,]	0.48920947	-0.426085	-1.5836393
##	[1076,]	2.67503902	2.345353	-0.6587487
##	[1077,]	1.30889555	2.345353	-1.5836393
##	[1078,]	-0.60370530	-0.426085	0.2661420
##	[1079,]	-0.60370530	-0.426085	0.2661420
##	[1080,]	0.76243816	-0.426085	1.1910327
##	[1081,]	-0.87693400	-0.426085	1.1910327
##	[1082,]	1.03566686	-0.426085	1.1910327
##	[1083,]	-0.33047661	-0.426085	-0.6587487
##	[1084,]	-0.33047661	-0.426085	-0.6587487
##	[1085,]	-0.33047661	-0.426085	1.1910327
##	[1086,]	-0.87693400	-0.426085	-1.5836393
##	[1087,]	-0.60370530	-0.426085	1.1910327
##	[1088,]	2.67503902	2.345353	-0.6587487
##	[1089,]	-0.33047661	-0.426085	-0.6587487
##	[1090,]	0.48920947	-0.426085	-1.5836393
##	[1091,]	-0.60370530	-0.426085	0.2661420
##	[1092,]	-0.60370530	-0.426085	1.1910327
##	[1093,]	1.30889555	2.345353	1.1910327
##	[1094,]	-0.33047661	-0.426085	0.2661420
##	[1095,]	-0.87693400	-0.426085	1.1910327
##	[1096,]	-0.87693400	-0.426085	-0.6587487
##	[1097,]	1.58212424	2.345353	1.1910327
	[1098,]			
##	[1098,]	-0.33047661 0.76243816	-0.426085 -0.426085	-0.6587487
##	•	0.76243816		0.2661420 -1.5836393
##	[1100,]	-0.87693400	-0.426085	
##	[1101,]	2.12858163	2.345353	-1.5836393
##	[1102,]	-0.87693400	-0.426085	-1.5836393
##	[1103,]	1.58212424	2.345353	1.1910327
##	[1104,]	-0.33047661	-0.426085	0.2661420
##	[1105,]	0.76243816	-0.426085	-1.5836393

	[1106,]	-0.60370530	-0.426085	1.1910327
##	[1107,]	-1.15016269	-0.426085	1.1910327
##	[1108,]	-1.15016269	-0.426085	0.2661420
##	[1109,]	1.03566686	-0.426085	-0.6587487
##	[1110,]	-0.87693400	-0.426085	-0.6587487
##	[1111,]	-0.87693400	-0.426085	1.1910327
##	[1112,]	0.21598078	-0.426085	-0.6587487
##	[1113,]	-1.15016269	-0.426085	-1.5836393
##	[1114,]	-0.33047661	-0.426085	-0.6587487
##	[1115,]	-0.87693400	-0.426085	1.1910327
##	[1116,]	-0.60370530	-0.426085	0.2661420
##	[1117,]	1.58212424	2.345353	0.2661420
##	[1118,]	0.48920947	-0.426085	-0.6587487
##	[1119,]	1.58212424	2.345353	-1.5836393
##	[1120,]	-1.15016269	-0.426085	1.1910327
##	[1121,]	-0.87693400	-0.426085	-0.6587487
##	[1122,]	-0.60370530	-0.426085	-1.5836393
##	[1123,]	0.76243816	-0.426085	1.1910327
##	[1124,]	0.21598078	-0.426085	0.2661420
##	[1125,]	-1.15016269	-0.426085	-1.5836393
##	[1126,]	1.03566686	-0.426085	1.1910327
##	[1127,]	0.21598078	-0.426085	0.2661420
##	[1128,]	0.21598078	-0.426085	1.1910327
##	[1129,]	-0.60370530	-0.426085	1.1910327
##	[1130,]	1.85535294	2.345353	1.1910327
##	[1131,]	0.48920947	-0.426085	1.1910327
##	[1132,]	-0.33047661	-0.426085	-0.6587487
##	[1133,]	-0.05724792	-0.426085	0.2661420
##	[1134,]	-0.87693400	-0.426085	0.2661420
##	[1135,]	0.76243816	-0.426085	1.1910327
##	[1136,]	-0.05724792	-0.426085	-0.6587487
##	[1137,]	0.48920947	-0.426085	0.2661420
##	[1138,]	-0.33047661	-0.426085	-0.6587487
##	[1139,]	-0.05724792	-0.426085	0.2661420
##	[1140,]	0.48920947	-0.426085	1.1910327
##	[1141,]	-0.33047661	-0.426085	1.1910327
##	[1142,]	-0.87693400	-0.426085	-0.6587487
##	[1143,]	-0.33047661	-0.426085	-1.5836393
##	[1144,]	-0.05724792	-0.426085	-1.5836393
##	[1145,]	-0.60370530	-0.426085	1.1910327
##	[1146,]	-0.87693400	-0.426085	-0.6587487
##	[1147,]	-0.60370530	-0.426085	-1.5836393
##	[1148,]	-0.33047661	-0.426085	1.1910327
##	[1149,]	-0.60370530	-0.426085	1.1910327
##	[1150,]	-1.15016269	-0.426085	-1.5836393
##	[1151,]	-1.15016269	-0.426085	1.1910327
##	[1152,]	1.58212424	2.345353	-0.6587487
##	[1152,]	0.76243816	-0.426085	0.2661420
##	[1154,]	-0.87693400	-0.426085	0.2661420
##	[1154,]	-1.15016269	-0.426085	0.2661420
	[1156,]	-0.05724792	-0.426085 -0.426085	1.1910327
##	[1156,]	-0.60370530	-0.426085	1.1910327
##		-0.87693400		
##	[1158,]	0.48920947	-0.426085 -0.426085	1.1910327 -1.5836393
##	[1159,]	0.4092094/	-0.420000	-1.3030393

##	[1160,]	-0.60370530	-0.426085	1.1910327
##	[1161,]	1.03566686	-0.426085	-1.5836393
	[1162,]	1.03566686	-0.426085	1.1910327
##				
##	[1163,]	0.48920947	-0.426085	0.2661420
##	[1164,]	-1.15016269	-0.426085	-1.5836393
##	[1165,]	-0.05724792	-0.426085	1.1910327
##	[1166,]	-1.15016269	-0.426085	0.2661420
##	[1167,]	2.67503902	2.345353	-0.6587487
##	[1168,]	-0.33047661	-0.426085	1.1910327
##	[1169,]	-0.60370530	-0.426085	0.2661420
##	[1170,]	0.48920947	-0.426085	-1.5836393
##	[1171,]	-0.60370530	-0.426085	0.2661420
##	[1172,]	-0.33047661	-0.426085	-0.6587487
##	[1173,]	-1.15016269	-0.426085	0.2661420
##	[1174,]	-0.87693400	-0.426085	0.2661420
##	[1175,]	0.48920947	-0.426085	0.2661420
##	[1176,]	1.58212424	2.345353	0.2661420
##	[1177,]	0.21598078	-0.426085	-0.6587487
##	[1178,]	-0.05724792	-0.426085	0.2661420
##	[1179,]	1.03566686	-0.426085	-1.5836393
##	[1180,]	-0.87693400	-0.426085	0.2661420
##	[1181,]	-1.15016269	-0.426085	0.2661420
##	[1182,]	1.03566686	-0.426085	-0.6587487
##	[1183,]	-0.05724792	-0.426085	0.2661420
##	[1184,]	1.30889555	2.345353	-1.5836393
##	[1185,]	2.67503902	2.345353	0.2661420
##	[1186,]	2.40181032	2.345353	-1.5836393
##	[1187,]	2.40181032	2.345353	-1.5836393
##	[1188,]	-0.05724792	-0.426085	1.1910327
##	[1189,]	-0.60370530	-0.426085	-0.6587487
##	[1190,]	-0.33047661	-0.426085	0.2661420
##	[1191,]	-0.60370530	-0.426085	0.2661420
##	[1192,]	-1.15016269	-0.426085	-1.5836393
##	[1193,]	0.21598078	-0.426085	-0.6587487
##	[1194,]	1.85535294	2.345353	-0.6587487
##	[1195,]	-0.33047661	-0.426085	0.2661420
##	[1196,]	-0.33047661	-0.426085	-1.5836393
##	[1197,]	0.21598078	-0.426085	1.1910327
##	[1198,]	-1.15016269	-0.426085	-1.5836393
##	[1199,]	2.67503902	2.345353	0.2661420
##	[1200,]	-0.33047661	-0.426085	-0.6587487
##	[1201,]	0.76243816	-0.426085	-1.5836393
##	[1202,]	-1.15016269	-0.426085	-1.5836393
##	[1203,]	1.03566686	-0.426085	1.1910327
##	[1204,]	-0.05724792	-0.426085	0.2661420
##	[1205,]	-1.15016269	-0.426085	0.2661420
##	[1206,]	-0.87693400	-0.426085	-1.5836393
##	[1207,]	1.30889555	2.345353	0.2661420
##	[1208,]	-0.87693400	-0.426085	1.1910327
##	[1209,]	-0.33047661	-0.426085	0.2661420
##	[1210,]	1.30889555	2.345353	0.2661420
##	[1210,]	0.76243816	-0.426085	1.1910327
##	[1212,]	-0.33047661	-0.426085	0.2661420
##	[1213,]	-0.87693400	-0.426085	-0.6587487
ırπ	[1210,]	0.07000400	0.42000	3.0001 <del>1</del> 01

	[4044]	4 50040404	0.045050	0.6507407
	[1214,]	1.58212424	2.345353	-0.6587487
##	[1215,]	1.03566686	-0.426085	-0.6587487
##	[1216,]	-0.33047661	-0.426085	0.2661420
##	[1217,]	0.48920947	-0.426085	-1.5836393
##	[1218,]	0.21598078	-0.426085	1.1910327
##	[1219,]	-0.87693400	-0.426085	-0.6587487
##	[1220,]	0.48920947	-0.426085	0.2661420
##	[1221,]	-0.05724792	-0.426085	0.2661420
##	[1222,]	2.12858163	2.345353	1.1910327
##	[1223,]	-1.15016269	-0.426085	0.2661420
##	[1224,]	-1.15016269	-0.426085	0.2661420
##	[1225,]	-0.05724792	-0.426085	0.2661420
##	[1226,]	-1.15016269	-0.426085	0.2661420
##	[1227,]	-0.60370530	-0.426085	-1.5836393
##	[1228,]	-0.33047661	-0.426085	1.1910327
##	[1229,]	1.03566686	-0.426085	-0.6587487
##	[1230,]	0.21598078	-0.426085	-0.6587487
##	[1231,]	-0.60370530	-0.426085	-0.6587487
##	[1232,]	-0.33047661	-0.426085	1.1910327
##	[1233,]	0.21598078	-0.426085	-0.6587487
##	[1234,]	-0.87693400	-0.426085	-0.6587487
##	[1235,]	-1.15016269	-0.426085	1.1910327
##	[1236,]	-0.87693400	-0.426085	-0.6587487
##	[1237,]	-0.60370530	-0.426085	-0.6587487
##	[1238,]	-0.05724792	-0.426085	-0.6587487
##	[1239,]	-0.60370530	-0.426085	0.2661420
##	[1240,]	1.30889555	2.345353	1.1910327
##	[1241,]	-0.05724792	-0.426085	1.1910327
##	[1242,]	-0.60370530	-0.426085	0.2661420
##	[1243,]	-0.33047661	-0.426085	-0.6587487
##	[1244,]	1.58212424	2.345353	0.2661420
##	[1245,]	0.21598078	-0.426085	1.1910327
##	[1246,]	-0.33047661	-0.426085	1.1910327
##	[1247,]	-1.15016269	-0.426085	0.2661420
##	[1248,]	1.03566686	-0.426085	0.2661420
##	[1249,]	-1.15016269	-0.426085	0.2661420
##	[1250,]	-0.60370530	-0.426085	0.2661420
##	[1251,]	-0.87693400	-0.426085	1.1910327
##	[1252,]	-1.15016269	-0.426085	-1.5836393
##	[1253,]	-0.33047661	-0.426085	-1.5836393
##	[1254,]	-0.05724792	-0.426085	1.1910327
##	[1255,]	-0.87693400	-0.426085	0.2661420
##	[1256,]	1.30889555	2.345353	0.2661420
##	[1257,]	-0.33047661	-0.426085	-0.6587487
##	[1258,]	-0.60370530	-0.426085	-1.5836393
##	[1259,]	-0.60370530	-0.426085	0.2661420
##	[1260,]	0.21598078	-0.426085	0.2661420
##	[1261,]	-0.33047661	-0.426085	-0.6587487
##	[1262,]	0.21598078	-0.426085	0.2661420
##	[1262,]	0.21598078	-0.426085	1.1910327
##	[1264,]	1.85535294	2.345353	-0.6587487
##	[1264,]	-0.87693400	-0.426085	-0.6587487
##	[1265,]	-0.05724792	-0.426085	1.1910327
##	[1267,]	1.30889555	2.345353	-0.6587487
##	[1201,]	1.00009000	2.040000	0.0001401

шш	[4000 ]	0 00047664	0 400005	0.0001400
##	[1268,]	-0.33047661	-0.426085	0.2661420
##	[1269,]	1.30889555	2.345353	1.1910327
##	[1270,]	-0.60370530	-0.426085	-0.6587487
##	[1271,]	-0.87693400	-0.426085	-1.5836393
##	[1272,]	-0.60370530	-0.426085	-0.6587487
##	[1273,]	-1.15016269	-0.426085	-0.6587487
##	[1274,]	0.48920947	-0.426085	0.2661420
##	[1275,]	-0.33047661	-0.426085	-1.5836393
##	[1276,]	-1.15016269	-0.426085	1.1910327
##	[1277,]	-0.33047661	-0.426085	-1.5836393
##	[1278,]	0.48920947	-0.426085	0.2661420
##	[1279,]	-0.60370530	-0.426085	1.1910327
##	[1280,]	-0.87693400	-0.426085	0.2661420
##	[1281,]	-0.60370530	-0.426085	0.2661420
##	[1282,]	0.76243816	-0.426085	1.1910327
##	[1283,]	1.03566686	-0.426085	-0.6587487
##	[1284,]	-1.15016269	-0.426085	0.2661420
##	[1285,]	1.58212424	2.345353	0.2661420
##	[1286,]	-0.05724792	-0.426085	0.2661420
##	[1287,]	0.48920947	-0.426085	1.1910327
##	[1288,]	0.76243816	-0.426085	0.2661420
##	[1289,]	-0.33047661	-0.426085	0.2661420
##	[1290,]	-0.60370530	-0.426085	1.1910327
##	[1291,]	0.48920947	-0.426085	0.2661420
##	[1292,]	-0.05724792	-0.426085	-0.6587487
##	[1293,]	0.76243816	-0.426085	1.1910327
##	[1294,]	-0.60370530	-0.426085	0.2661420
##	[1295,]	-0.87693400	-0.426085	-1.5836393
##	[1296,]	-0.60370530	-0.426085	1.1910327
##	[1297,]	-0.33047661	-0.426085	-0.6587487
##	[1298,]	-1.15016269	-0.426085	0.2661420
##	[1299,]	1.85535294	2.345353	1.1910327
##	[1300,]	0.48920947	-0.426085	1.1910327
##	[1301,]	1.58212424	2.345353	0.2661420
##	[1302,]	1.85535294	2.345353	1.1910327
##	[1303,]	0.21598078	-0.426085	-0.6587487
##	[1304,]	-0.87693400	-0.426085	0.2661420
##	[1305,]	-0.87693400	-0.426085	-0.6587487
##	[1306,]	-0.05724792	-0.426085	-0.6587487
##	[1307,]	-0.33047661	-0.426085	1.1910327
##	[1308,]	2.67503902	2.345353	0.2661420
##	[1309,]	1.30889555	2.345353	-1.5836393
##	[1310,]	-0.60370530	-0.426085	-1.5836393
##	[1311,]	-0.33047661	-0.426085	-0.6587487
##	[1312,]	0.21598078	-0.426085	0.2661420
##	[1313,]	0.48920947	-0.426085	0.2661420
	[1314,]	-0.05724792	-0.426085	
## ##	[1314,]	1.85535294	2.345353	1.1910327 -0.6587487
	[1316,]	1.85535294		
##		1.85535294	2.345353 2.345353	1.1910327
##	[1317,]			0.2661420
##	[1318,]	-0.33047661	-0.426085 -0.426085	0.2661420
##	[1319,]	-0.60370530	-0.426085	-0.6587487
##	[1320,]	-0.60370530	-0.426085	0.2661420
##	[1321,]	1.85535294	2.345353	-0.6587487

##	[1322,]	-0.87693400	-0.426085	0.2661420
##	[1323,]	-0.33047661	-0.426085	0.2661420
##	[1324,]	-0.05724792	-0.426085	-0.6587487
##	[1325,]	0.48920947	-0.426085	1.1910327
##	[1326,]	-0.60370530	-0.426085	1.1910327
##	[1327,]	-0.87693400	-0.426085	0.2661420
##	[1328,]	-0.87693400	-0.426085	1.1910327
##	[1329,]	1.58212424	2.345353	1.1910327
##	[1330,]	-1.15016269	-0.426085	1.1910327
##	[1331,]	-0.60370530	-0.426085	1.1910327
##	[1332,]	-0.87693400	-0.426085	1.1910327
##	[1333,]	2.40181032	2.345353	-0.6587487
##	[1334,]	1.58212424	2.345353	0.2661420
##	[1335,]	1.03566686	-0.426085	1.1910327
##	[1336,]	-0.33047661	-0.426085	-0.6587487
##	[1337,]	1.30889555	2.345353	-0.6587487
##	[1338,]	1.03566686	-0.426085	1.1910327
##	[1339,]	-0.60370530	-0.426085	0.2661420
##	[1340,]	2.12858163	2.345353	-1.5836393
##	[1341,]	-0.60370530	-0.426085	-1.5836393
	[1342,]	-1.15016269	-0.426085	-1.5836393
##	[1343,]	-0.60370530	-0.426085	1.1910327
## ##	[1344,]	-0.33047661	-0.426085	-0.6587487
		1.85535294	2.345353	
##	[1345,]			0.2661420
##	[1346,]	-1.15016269	-0.426085	1.1910327
##	[1347,]	-0.60370530	-0.426085	1.1910327
##	[1348,]	1.58212424	2.345353	1.1910327
##	[1349,]	-1.15016269	-0.426085	-1.5836393
##	[1350,]	-0.60370530	-0.426085	0.2661420
##	[1351,]	-0.33047661	-0.426085	-0.6587487
##	[1352,]	-1.15016269	-0.426085	-0.6587487
##	[1353,]	-0.05724792	-0.426085	1.1910327
##	[1354,]	2.12858163	2.345353	-0.6587487
##	[1355,]	0.21598078	-0.426085	1.1910327
##	[1356,]	0.21598078	-0.426085	0.2661420
##	[1357,]	1.58212424	2.345353	0.2661420
##	[1358,]	-0.60370530	-0.426085	-0.6587487
##	[1359,]	-1.15016269	-0.426085	1.1910327
##	[1360,]	-0.87693400	-0.426085	0.2661420
##	[1361,]	-0.87693400	-0.426085	-0.6587487
##	[1362,]	0.76243816	-0.426085	-1.5836393
##	[1363,]	-0.87693400	-0.426085	0.2661420
##	[1364,]	-0.33047661	-0.426085	-0.6587487
##	[1365,]	-0.87693400	-0.426085	0.2661420
##	[1366,]	0.48920947	-0.426085	1.1910327
##	[1367,]	1.03566686	-0.426085	0.2661420
##	[1368,]	-1.15016269	-0.426085	0.2661420
##	[1369,]	-0.05724792	-0.426085	-0.6587487
##	[1370,]	-1.15016269	-0.426085	1.1910327
##	[1371,]	0.76243816	-0.426085	0.2661420
##	[1372,]	0.21598078	-0.426085	0.2661420
##	[1373,]	2.67503902	2.345353	1.1910327
##	[1374,]	0.21598078	-0.426085	0.2661420
##	[1375,]	-0.60370530	-0.426085	0.2661420

##	[1376,]	-0.33047661	-0.426085	-1.5836393
##	[1377,]	1.03566686	-0.426085	1.1910327
##	[1378,]	-0.05724792	-0.426085	1.1910327
##	[1379,]	-0.87693400	-0.426085	0.2661420
##	[1380,]	-0.87693400	-0.426085	-1.5836393
##	[1381,]	0.21598078	-0.426085	1.1910327
##	[1382,]	-0.33047661	-0.426085	0.2661420
##	[1383,]	-0.60370530	-0.426085	1.1910327
##	[1384,]	1.85535294	2.345353	-0.6587487
##	[1385,]	1.58212424	2.345353	-1.5836393
##	[1386,]	0.76243816	-0.426085	0.2661420
##	[1387,]	-0.60370530	-0.426085	1.1910327
##	[1388,]	-0.87693400	-0.426085	-1.5836393
##	[1389,]	0.76243816	-0.426085	-0.6587487
##	[1390,]	1.58212424	2.345353	-0.6587487
##	[1391,]	-0.87693400	-0.426085	-1.5836393
##	[1392,]	-0.33047661	-0.426085	-1.5836393
##	[1393,]	-1.15016269	-0.426085	1.1910327
##	[1394,]	-0.33047661	-0.426085	-1.5836393
##	[1395,]	2.40181032	2.345353	-0.6587487
##	[1396,]	-1.15016269	-0.426085	0.2661420
##	[1397,]	-0.60370530	-0.426085	-0.6587487
##	[1398,]	-1.15016269	-0.426085	0.2661420
##	[1399,]	1.30889555	2.345353	0.2661420
##	[1400,]	0.48920947	-0.426085	-0.6587487
##	[1401,]	-1.15016269	-0.426085	-0.6587487
##	[1402,]	0.76243816	-0.426085	-1.5836393
##	[1403,]	-1.15016269	-0.426085	0.2661420
##	[1404,]	-0.87693400	-0.426085	-1.5836393
##	[1405,]	-0.87693400	-0.426085	1.1910327
##	[1406,]	1.30889555	2.345353	0.2661420
##	[1407,]	1.03566686	-0.426085	1.1910327
##	[1408,]	-0.87693400	-0.426085	-0.6587487
##	[1409,]	-0.60370530	-0.426085	0.2661420
##	[1410,]	-1.15016269	-0.426085	-1.5836393
##	[1411,]	-0.33047661	-0.426085	0.2661420
##	[1412,]	-0.33047661	-0.426085	0.2661420
##	[1413,]	-0.60370530	-0.426085	0.2661420
##	[1414,]	1.03566686	-0.426085	0.2661420
##	[1415,]	2.12858163	2.345353	-0.6587487
##	[1416,]	-0.87693400	-0.426085	0.2661420
##	[1417,]	-0.05724792	-0.426085	-1.5836393
	[1418,]	1.03566686	-0.426085	0.2661420
##	[1419,]	-1.15016269	-0.426085	1.1910327
## ##	[1420,]	0.48920947	-0.426085	0.2661420
##	[1421,]	1.85535294	2.345353	-1.5836393
##	[1422,]	0.76243816	-0.426085 -0.426085	-1.5836393
##	[1423,]	-1.15016269	-0.426085	0.2661420
##	[1424,]	-0.87693400	-0.426085	1.1910327
##	[1425,]	1.03566686	-0.426085	-0.6587487
##	[1426,]	-0.60370530	-0.426085	-1.5836393
##	[1427,]	-0.60370530	-0.426085	0.2661420
##	[1428,]	1.03566686	-0.426085	0.2661420
##	[1429,]	-0.33047661	-0.426085	-0.6587487

```
##
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                                        -0.426085
                                                                   -1.5836393
   [1432,]
                   1.03566686
                                        -0.426085
                                                                    0.2661420
   [1433,]
                                          2.345353
                                                                   -1.5836393
##
                   2.67503902
##
   [1434,]
                   1.85535294
                                          2.345353
                                                                   -0.6587487
   [1435,]
                                                                   -0.6587487
##
                  -0.05724792
                                        -0.426085
  ſ1436.]
                   -0.87693400
                                        -0.426085
                                                                    0.2661420
## [1437,]
                   -1.15016269
                                        -0.426085
                                                                    1.1910327
##
   [1438,]
                   -0.60370530
                                         -0.426085
                                                                    0.2661420
##
   [1439,]
                    1.03566686
                                        -0.426085
                                                                   -1.5836393
   [1440,]
                   1.03566686
                                        -0.426085
                                                                    0.2661420
   [1441,]
                   -0.60370530
                                         -0.426085
                                                                   -0.6587487
                                                                   -1.5836393
##
   [1442,]
                   1.58212424
                                          2.345353
##
   [1443,]
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                                        -0.426085
                                                                   -0.6587487
## [1444,]
                                         -0.426085
                  -1.15016269
                                                                   -1.5836393
   [1445,]
                   -1.15016269
                                        -0.426085
                                                                    1.1910327
##
   [1446,]
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                   2.12858163
                                                                    0.2661420
   [1447,]
                   1.58212424
                                          2.345353
                                                                    1.1910327
##
   [1448,]
                   2.40181032
                                         2.345353
                                                                   -1.5836393
   [1449,]
                  -1.15016269
                                         -0.426085
                                                                    0.2661420
##
  [1450,]
                  -0.33047661
                                        -0.426085
                                                                    1.1910327
  [1451,]
                                        -0.426085
                   0.21598078
                                                                    0.2661420
                                        -0.426085
## [1452,]
                  -1.15016269
                                                                    0.2661420
                                         -0.426085
##
   Γ1453.
                   -0.87693400
                                                                    1.1910327
##
   [1454,]
                   -0.60370530
                                        -0.426085
                                                                   -1.5836393
   [1455,]
                   -0.05724792
                                         -0.426085
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   [1456,]
                                        -0.426085
                  -0.33047661
                                                                    1.1910327
##
   [1457,]
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                                        -0.426085
                                                                    1.1910327
##
   [1458,]
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                                                                   -0.6587487
   [1459,]
                  -0.87693400
                                        -0.426085
                                                                    1.1910327
## [1460,]
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                                        -0.426085
                                                                   -1.5836393
##
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                                                                   -0.6587487
   [1462,]
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##
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## [1467,]
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   [1468,]
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                                                                   -0.6587487
##
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   [1470,]
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                                        -0.426085
                                                                   -1.5836393
##
            StandardHours StockOptionLevel TotalWorkingYears
                                                                 TrainingTimesLastYear
##
      [1,]
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                                  -0.9316973
                                                     -0.42149902
                                                                              -2.1712429
##
      [2,]
                       NaN
                                                     -0.16445544
                                   0.2419060
                                                                               0.1556541
##
      [3,]
                       NaN
                                  -0.9316973
                                                     -0.55002081
                                                                               0.1556541
##
      [4,]
                       NaN
                                  -0.9316973
                                                     -0.42149902
                                                                               0.1556541
                                   0.2419060
##
      [5,]
                       NaN
                                                     -0.67854260
                                                                               0.1556541
##
      [6,]
                       NaN
                                  -0.9316973
                                                     -0.42149902
                                                                              -0.6199782
##
      [7,]
                       NaN
                                   2.5891126
                                                      0.09258815
                                                                               0.1556541
##
      [8,]
                       NaN
                                   0.2419060
                                                     -1.32115156
                                                                              -0.6199782
##
                                  -0.9316973
      [9,]
                       NaN
                                                     -0.16445544
                                                                              -0.6199782
##
     [10,]
                       NaN
                                   1.4155093
                                                      0.73519711
                                                                               0.1556541
##
     [11,]
                       NaN
                                   0.2419060
                                                     -0.67854260
                                                                               1.7069188
##
     [12,]
                       NaN
                                  -0.9316973
                                                     -0.16445544
                                                                               0.1556541
```

-0.426085

-1.5836393

## [1430,]

-0.60370530

шш	[40]	NI - NI	0.0440000	0.00706430	1 2056106
##	[13,]	NaN N-N	0.2419060	-0.80706439	-1.3956106
##	[14,]	NaN N-N	0.2419060	-1.06410798	-0.6199782
##	[15,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[16,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[17,]	NaN	1.4155093	-0.55002081	1.7069188
##	[18,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[19,]	NaN	-0.9316973	2.53450219	0.1556541
##	[20,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[21,]	NaN	0.2419060	-0.80706439	1.7069188
##	[22,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[23,]	NaN	-0.9316973	0.22110994	0.9312865
##	[24,]	NaN	-0.9316973	-1.44967335	2.4825512
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##	[26,]	NaN	0.2419060	1.89189323	0.1556541
##	[27,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[28,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[29,]	NaN	0.2419060	1.63484965	0.9312865
##	[30,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[31,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[32,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[33,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[34,]	NaN	0.2419060	0.99224069	2.4825512
##	[35,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[36,]	NaN	1.4155093	-0.67854260	0.1556541
##	[37,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[38,]	NaN	-0.9316973	-1.19262977	0.1556541
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##	[42,]	NaN	0.2419060	-1.32115156	2.4825512
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##	[59,]	NaN	0.2419060	-0.16445544	0.1556541
##	[60,]	NaN	0.2419060	-0.55002081	-0.6199782
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##	[69,]	NaN	0.2419060	-0.80706439	-0.6199782
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##	[80,]	NaN	0.2419060	0.60667531	-0.6199782
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##	[119,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[120,]	NaN	1.4155093	1.76337144	0.1556541

	[404 ]	37 37	0. 5004406	0.46445544	0 0400700
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##	[185,]	NaN	1.4155093	-0.80706439	0.1556541
##	[186,]	NaN	0.2419060	-0.42149902	1.7069188
##	[187,]	NaN	0.2419060	1.24928427	-0.6199782
##	[188,]	NaN	-0.9316973	3.17711114	0.1556541
##	[189,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[190,]	NaN	-0.9316973	1.24928427	2.4825512
##	[191,]	NaN	0.2419060	2.92006756	1.7069188
##	[192,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[193,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[194,]	NaN	2.5891126	-0.55002081	0.1556541
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##	[228,]	NaN	0.2419060	-0.03593364	1.7069188
##	[220,]	INGIN	0.2413000	0.00030004	1.1009100

##	[229,]	NaN	-0.9316973	-0.16445544	0.1556541
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ππ	[202,]	11 (21)	0.3310373	1.12010240	0.100041

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	•				
##	[345,]	NaN NaN	-0.9316973	0.73519711	1.7069188
##	[346,]	NaN N-N	1.4155093	-0.93558618	-0.6199782
##	[347,]	NaN	-0.9316973	-0.42149902	0.1556541
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##	[451,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[452,]	NaN	0.2419060	-0.16445544	1.7069188
##	[453,]	NaN	0.2419060	-0.29297723	0.1556541
##	[454,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[455,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[456,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[457,]	NaN	0.2419060	-0.16445544	0.1556541
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##	[465,]	NaN	-0.9316973	0.09258815	0.1556541
##	[466,]	NaN	-0.9316973	2.14893681	0.1556541
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##	[469,]	NaN	1.4155093	0.86371890	0.1556541
##	[470,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[471,]	NaN	1.4155093	-1.06410798	0.1556541
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##	[473,]	NaN	0.2419060	-0.42149902	-0.6199782
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##	[495,]	NaN	1.4155093	-0.42149902	0.1556541
##	[496,]	NaN	0.2419060	-0.80706439	0.1556541
##	[497,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[498,]	NaN	0.2419060	1.89189323	-0.6199782

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##	[499,]	NaN NaN	-0.9316973	-1.06410798	
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##	[501,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[502,]	NaN	0.2419060	-1.32115156	-0.6199782
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##	[505,]	NaN	1.4155093	-0.80706439	0.9312865
##	[506,]	NaN	0.2419060	-1.06410798	-0.6199782
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##	[508,]	${\tt NaN}$	0.2419060	-0.67854260	1.7069188
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	רייאר ז	37 37	0.0440000	0.0000000	4 0056406
##	[715,]	NaN	0.2419060	2.66302398	-1.3956106
##	[716,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[717,]	NaN	0.2419060	1.24928427	-0.6199782
##	[718,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[719,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[720,]	NaN	-0.9316973	-0.29297723	-2.1712429
##	[721,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[722,]	NaN	0.2419060	1.37780606	-0.6199782
##	[723,]	NaN	0.2419060	-1.06410798	-2.1712429
##	[724,]	NaN	0.2419060	0.22110994	0.1556541
##	[725,]	NaN	1.4155093	-0.80706439	2.4825512
##	[726,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[727,]	NaN	0.2419060	-0.93558618	-1.3956106
##	[728,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[729,]	NaN	0.2419060	1.37780606	-0.6199782
##	[730,]	NaN	0.2419060	0.60667531	0.1556541
##	[731,]	NaN	2.5891126	-0.29297723	0.9312865
##	[732,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[733,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[734,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[735,]	NaN	0.2419060	-0.93558618	0.1556541
##	[736,]	NaN	-0.9316973	0.99224069	-2.1712429
##	[737,]	NaN	-0.9316973	2.02041502	0.1556541
##	[738,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[739,]	NaN	0.2419060	1.24928427	0.1556541
##	[740,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[741,]	NaN	0.2419060	-1.06410798	0.9312865
##	[742,]	NaN	-0.9316973	1.24928427	0.1556541
##	[743,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[744,]	NaN	-0.9316973	2.40598039	0.9312865
##	[745,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[746,]	NaN	1.4155093	0.73519711	0.1556541
##	[747,]	NaN	1.4155093	1.24928427	0.1556541
##	[748,]	NaN	-0.9316973	0.99224069	-1.3956106
##	[749,]	NaN	-0.9316973	-0.55002081	2.4825512
##	[750,]	NaN	0.2419060	2.79154577	0.1556541
##	[751,]	NaN	0.2419060	1.50632785	-0.6199782
##	[752,]	NaN	0.2419060	0.99224069	0.1556541
##	[753,]	NaN	-0.9316973	0.86371890	-1.3956106
##	[754,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[755,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[756,]	NaN	0.2419060	1.89189323	0.9312865
##	[757,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[758,]	NaN	0.2419060	0.60667531	-0.6199782
##	[759,]	NaN	0.2419060	0.34963173	-1.3956106
##	[760,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[761,]	NaN	0.2419060	2.40598039	-0.6199782
##	[762,]	NaN	0.2419060	-0.29297723	0.1556541
##	[763,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[764,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[765,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[766,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[767,]	NaN	0.2419060	2.27745860	-0.6199782
##	[768,]	NaN	-0.9316973	-0.42149902	0.1556541
., π	[. 00,]	IVAIV	0.0010010	J. 121 10002	0.1000041

##	[769,]	NaN	0.2419060	-0.42149902	0.1556541
##	[770,]	NaN	1.4155093	-0.80706439	1.7069188
##	[771,]	NaN	1.4155093	1.50632785	-2.1712429
##	[772,]	NaN	0.2419060	0.22110994	0.9312865
##	[773,]	NaN	0.2419060	0.86371890	0.9312865
##	[774,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[775,]	NaN	-0.9316973	2.53450219	0.1556541
##	[776,]	NaN	0.2419060	0.86371890	1.7069188
##	[777,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[778,]	NaN	-0.9316973	-1.32115156	2.4825512
##	[779,]	NaN	2.5891126	0.99224069	-0.6199782
##	[780,]	NaN	2.5891126	0.86371890	-0.6199782
##	[781,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[782,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[783,]	NaN	0.2419060	-0.55002081	-1.3956106
##	[784,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[785,]	NaN	0.2419060	1.12076248	0.9312865
##	[786,]	NaN	0.2419060	0.34963173	2.4825512
##	[787,]	NaN	2.5891126	-1.06410798	0.9312865
##	[788,]	NaN	0.2419060	1.50632785	0.9312865
##	[789,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[790,]	NaN	0.2419060	1.63484965	-1.3956106
##	[791,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[792,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[793,]	NaN	-0.9316973	0.34963173	0.9312865
##	[794,]	NaN	0.2419060	-0.93558618	1.7069188
##	[795,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[796,]	NaN	2.5891126	-0.42149902	1.7069188
##	[797,]	NaN	0.2419060	-0.55002081	0.1556541
##	[798,]	NaN	0.2419060	-1.32115156	-2.1712429
##	[799,]	NaN	-0.9316973	-0.80706439	-2.1712429
##	[800,]	NaN N-N	0.2419060 1.4155093	1.50632785	0.1556541
##	[801,]	NaN NaN	-0.9316973	-1.32115156 -0.80706439	-0.6199782
##	[802,]	NaN			0.9312865 0.1556541
## ##	[803,] [804,]	NaN NaN	0.2419060 2.5891126	-0.93558618 -0.67854260	-0.6199782
##	[805,]	NaN	-0.9316973	2.02041502	0.1556541
##	[806,]	NaN	0.2419060	0.47815352	-0.6199782
##	[807,]	NaN	-0.9316973	0.86371890	0.9312865
##	[808,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[809,]	NaN	0.2419060	-0.03593364	-1.3956106
##	[810,]	NaN	2.5891126	-0.16445544	0.1556541
##	[811,]	NaN	0.2419060	1.50632785	0.1556541
##	[812,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[813,]	NaN	0.2419060	0.86371890	-1.3956106
##	[814,]	NaN	2.5891126	1.24928427	0.9312865
##	[815,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[816,]	NaN	-0.9316973	-1.19262977	2.4825512
##	[817,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[818,]	NaN	-0.9316973	0.86371890	-2.1712429
##	[819,]	NaN	0.2419060	-1.06410798	0.9312865
##	[820,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[821,]	NaN	0.2419060	-0.80706439	0.1556541
##	[822,]	NaN	0.2419060	1.37780606	0.1556541

## [824.] NaN		F000 7		0.004.0000		0 4550544
## [826,] NaN						0.1556541
## [826,] NaN 0.2419060 -0.15445544 -0.619978 ## [827,] NaN 0.2419060 -0.55002081 -0.619978 ## [828,] NaN 0.2419060 -1.06410798 -0.619978 ## [829,] NaN -0.9316973 -1.44967335 -2.171242 ## [830,] NaN -0.9316973 -0.67854260 0.155664 ## [831,] NaN 0.2419060 -0.67854260 0.931286 ## [831,] NaN 0.2419060 -1.19262977 1.706918 ## [833,] NaN 0.2419060 -0.93558618 -2.171242 ## [833,] NaN 0.2419060 -0.93558618 -2.171242 ## [835,] NaN 0.2419060 -0.93558618 -2.171242 ## [835,] NaN 0.2419060 -0.93558618 -2.171242 ## [836,] NaN 0.9316973 -0.67854260 0.155654 ## [837,] NaN 0.2419060 -0.05593364 0.155654 ## [838,] NaN 0.9316973 1.12766248 0.155654 ## [839,] NaN 0.9316973 1.12766248 0.155654 ## [840,] NaN 0.9316973 1.12766248 0.155654 ## [841,] NaN 0.2419060 -0.16445544 0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 -0.16445544 0.156654 ## [848,] NaN 0.2419060 -0.16445544 0.156654 ## [848,] NaN 0.2419060 -0.60667531 0.155654 ## [848,] NaN 0.2419060 -0.16445544 0.156654 ## [848,] NaN 0.2419060 -0.16445540 0.619978 ## [848,] NaN 0.2419060 -0.60667531 0.155654 ## [850,] NaN 0.2419060 -0.16445540 0.619978 ## [850,] NaN 0.2419060 -0.16445540 0.619978 ## [860,] NaN 0.2419060 -0.16445540 0.619978 ## [861,] NaN 0.2419060 -0.16445540 0.619978 ## [861,] NaN 0.2419060 -0.16445540 0.619978 ## [865,] NaN 0.2419060 -0.16445540 0.619978 ## [866,] NaN 0.2419060 -0.60667531 0.619978 ## [866,] N						
## [827,] NaN 0.2419060 -0.55002061 -0.619978 ## [828,] NaN 0.2419060 -1.06410798 -0.619978 ## [829,] NaN -0.9316973 -1.44967335 -2.171242 ## [830,] NaN -0.9316973 -0.67854260 0.155654 ## [831,] NaN 0.2419060 -1.19262977 1.706918 ## [832,] NaN 0.2419060 -1.19262977 1.706918 ## [833,] NaN 1.4155093 -0.29297723 -0.619978 ## [834,] NaN 0.2419060 -0.93558618 -2.171242 ## [835,] NaN -0.9316973 -0.67854260 0.155654 ## [836,] NaN -0.9316973 -0.67854260 0.155654 ## [838,] NaN -0.9316973 -0.67854260 -0.155654 ## [838,] NaN -0.9316973 1.12076248 0.155654 ## [839,] NaN -0.9316973 1.3778066 -0.619978 ## [840,] NaN -0.9316973 1.3778066 -0.619978 ## [841,] NaN 0.2419060 -0.035593364 0.155654 ## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [843,] NaN -0.9316973 1.3778066 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 -0.619978 ## [843,] NaN -0.9316973 -0.67854260 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 -0.619978 ## [845,] NaN 0.2419060 -0.16445544 -0.619978 ## [846,] NaN 0.2419060 -0.16445544 -0.619978 ## [847,] NaN 0.2419060 -0.16445544 -0.619978 ## [848,] NaN 0.2419060 -0.16445544 -0.619978 ## [848,] NaN 0.2419060 -0.16445544 -0.619978 ## [848,] NaN 0.2419060 -0.1644554 -0.619978 ## [849,] NaN 0.2419060 -0.1644554 -0.619978 ## [849,] NaN 0.2419060 -0.1644554 -0.619978 ## [851,] NaN 0.2419060 -0.1644554 -0.619978 ## [864,] NaN 0.2419060 -0.1644554 -0.619978 ## [855,] NaN 0.2419060 -0.1644554 -0.619978 ## [864,] NaN 0.2419060 -0.16906499 -0.619978 ## [865,] NaN 0.2419060 -0.1604353 -0.619978 ## [866,] NaN 0.2419060 -0.1604354 -0.619978 ## [867,] NaN 0.2419060 -0.55002081 -0.619978 ## [868,] NaN 0.2419060 -0.67854260 -0.619978 ## [866,] NaN 0.2419060 -0.676542						
## [828,] NaN -0.9316973 -1.44967335 -2.171242	##					
## [829.] NaN -0.9316973 -1.44967335 -2.171262 ## [830.] NaN -0.9316973 -0.67854260 0.155654 ## [831.] NaN 0.2419060 -0.67854260 0.931286 ## [832.] NaN 0.2419060 -1.19262977 1.706918 ## [833.] NaN 1.4155093 -0.29297723 -0.619978 ## [834.] NaN 0.2419060 -0.93558618 -2.171242 ## [835.] NaN -0.9316973 -0.67854260 0.155654 ## [836.] NaN -0.9316973 -0.67854260 -0.619978 ## [837.] NaN -0.9316973 -0.67854260 -0.619978 ## [838.] NaN -0.9316973 -0.67854260 -0.619978 ## [838.] NaN -0.9316973 1.12076248 0.155654 ## [838.] NaN -0.9316973 1.7780606 -0.619978 ## [840.] NaN -0.9316973 1.37780606 -0.619978 ## [841.] NaN -0.9316973 -0.29297723 0.155654 ## [841.] NaN -0.9316973 -0.67854260 -0.619978 ## [842.] NaN -0.9316973 -0.67854260 -0.619978 ## [844.] NaN -0.9316973 -1.32115156 -0.931286 ## [844.] NaN -0.9316973 -1.32115156 -0.931286 ## [844.] NaN -0.2419060 -0.42149902 -0.619978 ## [845.] NaN 0.2419060 -0.16445544 -0.155654 ## [846.] NaN 0.2419060 -0.16445544 -0.155654 ## [848.] NaN -0.9316973 -0.5002081 -0.619978 ## [855.] NaN 0.2419060 -1.19262977 -0.619978 ## [856.] NaN -0.9316973 -0.5002081 -0.619978 ## [856.] NaN -0.9316973 -0.5002081 -0.619978 ## [866.] NaN -0.9316973 -0.67854260 -0.619978 ## [86	##		NaN	0.2419060	-0.55002081	-0.6199782
## [830,] NaN -0.9316973 -0.67854260 0.155654	##	[828,]	NaN	0.2419060	-1.06410798	-0.6199782
## [831,] NaN 0.2419060	##	[829,]	NaN	-0.9316973	-1.44967335	-2.1712429
## [832,] NaN 0.2419060 -1.19262977 1.706918 ## [833,] NaN 1.4155093 -0.29297723 -0.619978	##	[830,]	NaN	-0.9316973	-0.67854260	0.1556541
## [834,] NaN 0.2419060 -0.39558618 -2.171242   ## [835,] NaN 0.2419060 -0.39558618 -2.171242   ## [836,] NaN 0.9316973 -0.67854260 -0.155654   ## [836,] NaN -0.9316973 -0.67854260 -0.619978   ## [837,] NaN 0.2419060 -0.3593364 -0.155654   ## [838,] NaN -0.9316973 1.12076248 -0.155654   ## [838,] NaN -0.9316973 1.37780606 -0.619978   ## [840,] NaN -0.9316973 1.37780606 -0.619978   ## [841,] NaN 0.2419060 -0.16445544 -0.619978   ## [842,] NaN -0.9316973 -0.29297723 0.155654   ## [844,] NaN -0.9316973 -0.67854260 -0.619978   ## [844,] NaN -0.9316973 -0.67854260 -0.619978   ## [844,] NaN 0.2419060 -0.42149902 -0.619978   ## [844,] NaN 0.2419060 -0.16445544 -0.155654   ## [846,] NaN 0.2419060 -0.16445544 -0.155654   ## [848,] NaN 0.2419060 -0.16445544 -0.155654   ## [848,] NaN 0.2419060 -0.16445542 -0.619978   ## [848,] NaN 0.2419060 -0.16445544 -0.155654   ## [848,] NaN 0.2419060 -0.50667531 -0.155654   ## [848,] NaN 0.2419060 -1.19262977 -0.619978   ## [848,] NaN 0.2419060 -1.19262977 -0.619978   ## [851,] NaN 0.2419060 -1.19262977 -0.619978   ## [851,] NaN 0.2419060 -0.1644554 -0.619978   ## [852,] NaN 0.2419060 -0.1644554 -0.619978   ## [855,] NaN 0.2419060 -0.1644554 -0.619978   ## [856,] NaN 0.2419060 -0.1644554 -0.619978   ## [857,] NaN 0.2419060 -0.55002081 -0.619978   ## [858,] NaN 0.2419060 -0.55002081 -0.619978   ## [856,] NaN 0.2419060 -0.55002081 -0.619978   ## [857,] NaN 0.2419060 -0.5606439 -0.619978   ## [858,] NaN 0.2419060 -0.5606439 -0.619978   ## [866,] NaN 0.2419060 -0.67854260 -0.619978   ## [867,] NaN 0.2419060 -0.67854260 -0.619978   ## [868,] NaN 0.2419060 -0.67854260 -0.619978   ## [868,] NaN 0.2419060 -0.67854260 -0.619978   ## [866,] NaN 0.2419060 -0.67854260 -0.619978   ## [871,] NaN 0.2419060 -0.6706439 -0.619978   ## [872,] NaN 0.2419060 -0.6706439 -0.619978   ## [874,] NaN 0.2419060 -0.16445544	##	[831,]	NaN	0.2419060	-0.67854260	0.9312865
## [834,] NaN 0.2419060 -0.93558618 -2.171242 ## [835,] NaN -0.9316973 -0.67854260 -0.619978 ## [837,] NaN 0.2419060 -0.03593364 -0.155654 ## [838,] NaN 0.2419060 -0.03593364 -0.155654 ## [838,] NaN 0.2419060 -0.03593364 -0.619978 ## [837,] NaN 0.2419060 -0.03593364 -0.619978 ## [840,] NaN -0.9316973 1.12076248 -0.155654 ## [839,] NaN -0.9316973 1.37780606 -0.619978 ## [840,] NaN -0.9316973 -0.29297723 0.155654 ## [841,] NaN 0.2419060 -0.16445644 -0.619978 ## [842,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN 0.2419060 -0.16445540 -0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [845,] NaN 0.2419060 -0.4414902 -0.619978 ## [845,] NaN 0.2419060 -0.40149902 -0.619978 ## [847,] NaN 0.2419060 0.60667531 0.155654 ## [848,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN 0.2419060 1.19262977 -0.619978 ## [850,] NaN 0.2419060 1.19262977 -0.619978 ## [850,] NaN 0.2419060 -0.16445544 1.706918 ## [851,] NaN 0.2419060 -0.16445544 1.706918 ## [855,] NaN 0.2419060 -0.16445544 1.706918 ## [856,] NaN 0.2419060 -0.16445540 -0.619978 ## [856,] NaN 0.2419060 -0.67854260 -0.619978 ## [856,] NaN 0.2419060 -0.67854260 -0.619978 ## [856,] NaN 0.2419060 -0.67854260 -0.619978 ## [866,] NaN 0.2419060 -0.67654260	##	[832,]	NaN	0.2419060	-1.19262977	1.7069188
## [835,] NaN -0.9316973 -0.67854260 -0.619978 ## [837,] NaN 0.2419060 -0.03593364 0.155654 ## [838,] NaN -0.9316973 1.12076248 0.155654 ## [838,] NaN -0.9316973 1.12076248 0.155654 ## [838,] NaN -0.9316973 1.37780606 -0.619978 ## [840,] NaN -0.9316973 1.37780606 -0.619978 ## [840,] NaN 0.2419060 -0.16445544 -0.619978 ## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN -0.9316973 -0.67854260 -0.619978 ## [843,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 -0.1644554 0.155654 ## [848,] NaN 0.2419060 0.60667531 0.155654 ## [849,] NaN 0.2419060 0.47815352 -0.619978 ## [849,] NaN 0.2419060 0.47815352 -0.619978 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [850,] NaN 0.2419060 -1.19262977 -0.619978 ## [851,] NaN 0.2419060 -1.19262977 -0.619978 ## [852,] NaN 0.2419060 -1.19262977 -0.619978 ## [853,] NaN 0.2419060 -1.19262977 -0.619978 ## [855,] NaN 0.2419060 -0.16445544 1.706918 ## [856,] NaN 0.2419060 -0.67854260 0.931286 ## [857,] NaN 0.2419060 -0.67854260 0.931286 ## [858,] NaN 0.2419060 -0.67854260 0.931286 ## [866,] NaN 0.2419060 -0.67854260 0.0619978 ## [866,] NaN 0.2419060 -0.67854260 0.061	##	[833,]	NaN	1.4155093	-0.29297723	-0.6199782
## [836,] NaN -0.9316973 -0.67854260 -0.619978	##	[834,]	NaN	0.2419060	-0.93558618	-2.1712429
## [837,] NaN 0.2419060 -0.03593364 0.155654 ## [838], NaN -0.9316973 1.12076248 0.155654 ## [839,] NaN -0.9316973 1.12076248 0.155654 ## [840,] NaN -0.9316973 -0.29297723 0.155654 ## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN -0.9316973 -0.67854260 -0.619978 ## [843,] NaN -0.9316973 -1.32115156 0.931286 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN 0.2419060 0.47815352 -0.619978 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [850,] NaN 0.2419060 -1.19262977 -0.619978 ## [851,] NaN 0.2419060 -0.1564544 1.706918 ## [852,] NaN 0.2419060 -0.16445544 1.706918 ## [854,] NaN 0.2419060 -0.1645544 1.706918 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.55002081 -0.619978 ## [857,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.56002977 -0.619978 ## [866,] NaN 0.2419060 -0.56002977 -0.619978 ## [867,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.67854260 -0.619978 ## [868,] NaN 0.2419060 -0.67854260 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [866,] NaN 0.2419060 -0.80706439 -0.619978 ## [867,] NaN 0.2419060 -0.80706439 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [871,] NaN 0.2419060 -0.50002081 -0.	##	[835,]	NaN	-0.9316973	-0.67854260	0.1556541
## [837,] NaN 0.2419060 -0.03593364 0.155654 ## [838], NaN -0.9316973 1.12076248 0.155654 ## [839,] NaN -0.9316973 1.12076248 0.155654 ## [840,] NaN -0.9316973 -0.29297723 0.155654 ## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN -0.9316973 -0.67854260 -0.619978 ## [843,] NaN -0.9316973 -1.32115156 0.931286 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 -0.16445544 0.155654 ## [847,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN 0.2419060 0.47815352 -0.619978 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [850,] NaN 0.2419060 -1.19262977 -0.619978 ## [851,] NaN 0.2419060 -0.1564544 1.706918 ## [852,] NaN 0.2419060 -0.16445544 1.706918 ## [854,] NaN 0.2419060 -0.1645544 1.706918 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.55002081 -0.619978 ## [857,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.56002977 -0.619978 ## [866,] NaN 0.2419060 -0.56002977 -0.619978 ## [867,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.56002981 -0.619978 ## [868,] NaN 0.2419060 -0.67854260 -0.619978 ## [868,] NaN 0.2419060 -0.67854260 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [866,] NaN 0.2419060 -0.80706439 -0.619978 ## [867,] NaN 0.2419060 -0.80706439 -0.619978 ## [868,] NaN 0.2419060 -0.80706439 -0.619978 ## [871,] NaN 0.2419060 -0.50002081 -0.	##	[836,]	NaN	-0.9316973	-0.67854260	-0.6199782
## [838,] NaN -0.9316973	##		NaN	0.2419060	-0.03593364	0.1556541
## [839,] NaN -0.9316973	##	-	NaN		1.12076248	0.1556541
## [840,] NaN -0.9316973 -0.29297723 0.155654 ## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN -0.9316973 -0.67854260 -0.619978 ## [843,] NaN -0.9316973 -1.32115156 0.931286 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [844,] NaN 0.2419060 -0.16445544 0.155654 ## [846,] NaN 0.2419060 -0.16445544 0.155654 ## [846,] NaN 0.2419060 0.60667531 0.155654 ## [847,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN -0.9316973 0.34963173 0.155654 ## [849,] NaN 0.2419060 -1.19262977 -0.619978 ## [850,] NaN 0.2419060 -1.19262977 -0.619978 ## [851,] NaN 0.2419060 -1.55002081 -0.619978 ## [852,] NaN 0.2419060 2.14893681 -0.619978 ## [852,] NaN 0.2419060 -0.16445544 1.706918 ## [854,] NaN 0.2419060 -0.16445544 1.706918 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.634963173 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [856,] NaN 0.2419060 -0.55002081 -0.619978 ## [858,] NaN 0.2419060 -0.55002081 -0.619978 ## [858,] NaN 0.2419060 -0.55002081 -0.619978 ## [858,] NaN 0.2419060 -0.55002081 -0.619978 ## [861,] NaN 0.2419060 -0.55002081 -0.619978 ## [865,] NaN 0.2419060 -0.67854260 -0.619978 ## [861,] NaN 0.2419060 -0.67854260 -0.619978 ## [862,] NaN 0.2419060 -0.67854260 -0.619978 ## [863,] NaN 0.2419060 -0.80706439 -0.619978 ## [866,] NaN 0.2419060 -0.80706439 -0.619978 ## [870,] NaN 0.2419060 -0.10445544 -0.619978 ## [871,] NaN 0.2419060 -0.10445544 -0.619978 ## [873,] NaN 0.2419060 -0.10	##		NaN	-0.9316973	1.37780606	-0.6199782
## [841,] NaN 0.2419060 -0.16445544 -0.619978 ## [842,] NaN -0.9316973 -0.67854260 -0.619978 ## [843,] NaN -0.9316973 -1.32115156 0.931286 ## [844,] NaN 0.2419060 -0.42149902 -0.619978 ## [845,] NaN 0.2419060 -0.16445544 0.155654 ## [846,] NaN 0.2419060 0.60667531 0.155654 ## [847,] NaN 0.2419060 0.47815352 -0.619978 ## [848,] NaN -0.9316973 0.34963173 0.155654 ## [849,] NaN -0.9316973 0.34963173 0.155654 ## [850,] NaN -0.9316973 -0.55002081 -0.619978 ## [850,] NaN 0.2419060 -1.19262977 -0.619978 ## [851,] NaN 0.2419060 -1.19262977 -0.619978 ## [852,] NaN 0.2419060 -1.32115156 0.155654 ## [852,] NaN 0.2419060 -0.16445544 1.706918 ## [854,] NaN 0.2419060 -0.16445544 1.706918 ## [855,] NaN 0.2419060 -0.16445544 1.706918 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.55002081 -0.619978 ## [855,] NaN 0.2419060 -0.16445544 1.706918 ## [855,] NaN 0.2419060 -0.67854260 0.931286 ## [859,] NaN 0.2419060 -0.67854260 -0.619978 ## [859,] NaN 0.2419060 -0.67854260 -0.619978 ## [860,] NaN 0.2419060 -0.67854260 -0.619978 ## [861,] NaN 0.2419060 -0.67854260 -0.619978 ## [862,] NaN 0.2419060 -0.67854260 -0.619978 ## [863,] NaN 0.2419060 -0.67854260 -0.619978 ## [864,] NaN 0.2419060 -0.67854260 -0.619978 ## [866,] NaN 0.2419060 -0.67854260 -0.619978 ## [866,] NaN 0.2419060 -0.67854260 -0.619978 ## [866,] NaN 0.2419060 -0.80706439 -0.619978 ## [871,] NaN 0.2419060 -0.80706439 -0.619978 ## [871,] NaN 0.2419060 -0.80706439 -0.619978 ## [872,] NaN 0.2419060 -0.16445544 -0.619978 ## [873,] NaN 0.2419060 -0.16445544 -0.619978 ## [874,] NaN 0.2419060 -0.16445544 -0.155654 ## [875,] NaN 0.2419060 -0.16445	##	•	NaN	-0.9316973	-0.29297723	0.1556541
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## [876,] NaN -0.9316973 1.12076248 0.155654						0.9312865
	##	[876,]	NaN	-0.9316973	1.12076248	0.1556541

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##	[882,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[883,]	NaN	0.2419060	0.73519711	-0.6199782
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##	[887,]	NaN	0.2419060	0.09258815	-0.6199782
##	[888,]	NaN	-0.9316973	1.12076248	2.4825512
##	[889,]	NaN	0.2419060	0.60667531	2.4825512
##	[890,]	NaN	1.4155093	-0.29297723	0.1556541
##	[891,]	NaN	0.2419060	2.79154577	-0.6199782
##	[892,]	NaN	0.2419060	-0.16445544	1.7069188
##	[893,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[894,]	NaN	2.5891126	-1.06410798	1.7069188
##	[895,]	NaN	-0.9316973	3.17711114	-0.6199782
##	[896,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[897,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[898,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[899,]	NaN	0.2419060	1.76337144	-0.6199782
##	[900,]	NaN	0.2419060	1.50632785	-0.6199782
##	[901,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[902,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[903,]	NaN	2.5891126	-0.80706439	-0.6199782
##	[904,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[905,]	NaN	-0.9316973	1.76337144	0.1556541
##	[906,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[907,]	NaN	-0.9316973	-1.19262977	1.7069188
##	[908,]	NaN	0.2419060	1.89189323	1.7069188
##	[909,]	NaN	1.4155093	-0.16445544	0.1556541
##	[910,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[911,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[912,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[913,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[914,]	NaN	-0.9316973	1.89189323	-0.6199782
##	[915,]	NaN	0.2419060	2.92006756	0.1556541
##	[916,]	NaN	-0.9316973	-1.19262977	-0.6199782
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##	[918,]	NaN	-0.9316973	-0.93558618	0.1556541
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##	[929,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[930,]	NaN	0.2419060	-1.19262977	-0.6199782

шш	[004 ]	N - N	0.0016070	0 40140000	0 4005540
##	[931,]	NaN N-N	-0.9316973	-0.42149902	2.4825512
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##	[1146,]	NaN	1.4155093	-0.55002081	-0.6199782
		-		<del>-</del>	· ·

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##	[1147,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1148,]	NaN	0.2419060	-0.16445544	0.1556541
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##	[1151,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[1152,]	NaN	0.2419060	-0.67854260	1.7069188
##	[1153,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[1154,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[1155,]	NaN	0.2419060	2.02041502	-0.6199782
##	[1156,]	NaN	0.2419060	-0.03593364	0.1556541
##	[1157,]	NaN	1.4155093	0.86371890	-0.6199782
##	[1158,]	NaN	0.2419060	0.47815352	1.7069188
##	[1159,]	NaN	2.5891126	-0.29297723	-0.6199782
##	[1160,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1161,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1162,]	NaN	0.2419060	-0.16445544	2.4825512
##	[1163,]	NaN	-0.9316973	0.47815352	0.1556541
##	[1164,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1165,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[1166,]	NaN	-0.9316973	0.34963173	0.1556541
##	[1167,]	NaN	0.2419060	1.50632785	0.1556541
##	[1168,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[1169,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[1170,]	NaN	-0.9316973	-0.80706439	-2.1712429
##	[1171,]	NaN	-0.9316973	-0.67854260	-2.1712429
##	[1172,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1173,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1174,]	NaN	1.4155093	-0.29297723	2.4825512
##	[1175,]	NaN	1.4155093	-0.55002081	2.4825512
##	[1176,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[1177,]	NaN	1.4155093	2.02041502	-0.6199782
##	[1178,]	NaN	2.5891126	0.99224069	0.1556541
##	[1179,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1180,]	NaN	0.2419060	-0.03593364	-0.6199782
##	[1181,]	NaN	-0.9316973	0.47815352	0.9312865
##	[1182,]	NaN	0.2419060	2.40598039	0.1556541
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	[1184,]	NaN	0.2419060	0.22110994	0.1556541
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##		NaN	0.2419060 -0.9316973	0.22110994	-0.6199782
##	[1187,]	NaN			
##	[1188,]	NaN N-N	1.4155093	0.99224069	0.9312865
##	[1189,]	NaN N-N	0.2419060	-0.16445544	0.1556541
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##	[1191,]	NaN	1.4155093	-0.16445544	0.9312865
##	[1192,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[1193,]	NaN	0.2419060	0.73519711	-0.6199782
##	[1194,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[1195,]	NaN	2.5891126	2.27745860	-0.6199782
##	[1196,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[1197,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1198,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1199,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1200,]	NaN	1.4155093	-0.16445544	-0.6199782

шш	[1001 ]	N - N	0 5001100	0 40140000	0 (100700
##	[1201,]	NaN	2.5891126	-0.42149902	-0.6199782
##	[1202,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[1203,]	NaN	0.2419060	-0.55002081	1.7069188
##	[1204,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[1205,]	NaN	1.4155093	0.99224069	0.1556541
##	[1206,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[1207,]	NaN	-0.9316973	-0.55002081	1.7069188
##	[1208,]	NaN	0.2419060	-0.42149902	-1.3956106
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##	[1210,]	NaN	0.2419060	0.99224069	-0.6199782
##	[1211,]	NaN	2.5891126	0.34963173	2.4825512
##	[1212,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[1213,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1214,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[1215,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1216,]	NaN	-0.9316973	-0.67854260	-0.6199782
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##	[1219,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1220,]	NaN	0.2419060	-0.29297723	-0.6199782
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##	[1222,]	NaN	0.2419060	1.76337144	0.1556541
##	[1223,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[1224,]	NaN	-0.9316973	1.76337144	0.1556541
##	[1225,]	NaN	2.5891126	-1.06410798	0.1556541
##	[1226,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1227,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1228,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1229,]	NaN	0.2419060	-0.16445544	0.9312865
##	[1230,]	NaN	0.2419060	0.86371890	0.1556541
##	[1231,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[1232,]	NaN	-0.9316973	0.99224069	0.1556541
##	[1233,]	NaN	0.2419060	0.73519711	0.1556541
##	[1234,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1235,]	NaN	0.2419060	-0.93558618	0.1556541
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##	[1245,]	NaN	-0.9316973	-0.16445544	-0.6199782
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##	[1247,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[1248,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1249,]	NaN	-0.9316973	-0.67854260	1.7069188
##	[1250,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1250,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[1251,]	NaN NaN	0.2419060	0.09258815	-0.6199782
##	[1252,]	NaN	2.5891126	-0.67854260	0.1556541
##	[1254,]	NaN	-0.9316973	0.22110994	-0.6199782

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##	[1255,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[1256,]	NaN	-0.9316973	-0.03593364	-0.6199782
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##	[1261,]	NaN	-0.9316973	0.09258815	0.1556541
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##	[1266,]	NaN	1.4155093	-0.03593364	-0.6199782
##	[1267,]	NaN	1.4155093	-0.80706439	-0.6199782
##	[1268,]	NaN	0.2419060	0.47815352	0.1556541
##	[1269,]	NaN	2.5891126	2.02041502	-0.6199782
##	[1270,]	NaN	-0.9316973	-0.16445544	1.7069188
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##	[1274,]	NaN	-0.9316973	-1.32115156	2.4825512
##	[1275,]	NaN	1.4155093	0.22110994	0.1556541
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##	[1278,]	NaN	0.2419060	1.63484965	0.1556541
##	[1279,]	NaN	0.2419060	0.47815352	-1.3956106
##	[1280,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[1281,]	NaN	-0.9316973	0.99224069	0.9312865
##	[1282,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1283,]	NaN	0.2419060	0.34963173	-1.3956106
##	[1284,]	NaN	0.2419060	-0.80706439	2.4825512
##	[1285,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1286,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[1287,]	NaN	0.2419060	-0.55002081	1.7069188
##	[1288,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[1289,]	NaN	0.2419060	0.47815352	2.4825512
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##	[1291,]	NaN	0.2419060	-0.03593364	0.1556541
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##	[1294,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[1294,]	NaN	-0.9316973	-0.03593364	0.1556541
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	[1297,]	NaN	-0.9316973	-0.29297723	0.1556541
## ##	[1298,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1299,]	NaN	0.2419060	0.22110994	-0.6199782
	[1300,]	NaN	0.2419060	0.09258815	0.1556541
##					
##	[1301,]	NaN NaN	1.4155093 0.2419060	-0.16445544	1.7069188
##	[1302,]	NaN NaN		3.30563293	-2.1712429
##	[1303,]	NaN NaN	0.2419060	-0.67854260	-0.6199782
##	[1304,]	NaN NaN	0.2419060	2.14893681	0.9312865
##	[1305,]	NaN NaN	0.2419060	0.47815352	0.1556541
##	[1306,]	NaN N-N	0.2419060	0.34963173	-0.6199782
##	[1307,]	NaN N-N	1.4155093	-0.29297723	0.1556541
##	[1308,]	NaN	0.2419060	-1.06410798	0.1556541

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##	[1310,]	NaN	-0.9316973	-0.80706439	0.9312865
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##	[1315,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1316,]	NaN	0.2419060	0.47815352	-0.6199782
##	[1317,]	NaN	0.2419060	-0.55002081	1.7069188
##	[1318,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[1319,]	NaN	-0.9316973	-0.03593364	0.1556541
##	[1320,]	NaN	-0.9316973	-0.93558618	-0.6199782
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##	[1322,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[1323,]	NaN	0.2419060	0.09258815	0.9312865
##	[1324,]	NaN	0.2419060	-1.06410798	-0.6199782
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##	[1330,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1331,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1332,]	NaN	-0.9316973	2.27745860	0.1556541
##	[1333,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1334,]	NaN	2.5891126	0.34963173	-0.6199782
##	[1335,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1336,]	NaN	2.5891126	-0.55002081	-0.6199782
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##	[1338,]	NaN	0.2419060	-1.32115156	0.1556541
##	[1339,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1340,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[1341,]	NaN	0.2419060	-0.16445544	0.9312865
##	[1342,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1343,]	NaN	2.5891126	-0.29297723	0.1556541
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##	[1355,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1356,]	NaN	1.4155093	0.09258815	-1.3956106
##	[1357,]	NaN	0.2419060	0.34963173	0.1556541
##	[1358,]	NaN	0.2419060	0.86371890	0.1556541
##	[1359,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1360,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1361,]	NaN	0.2419060	-0.93558618	-2.1712429
##	[1362,]	NaN	0.2419060	-0.42149902	0.1556541

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##	[1363,]	NaN	-0.9316973	0.09258815	0.1556541
##	[1364,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1365,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1366,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1367,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[1368,]	NaN	0.2419060	-0.67854260	0.1556541
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##	[1371,]	NaN	0.2419060	0.60667531	0.9312865
##	[1372,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1373,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1374,]	NaN	0.2419060	1.12076248	0.1556541
##	[1375,]	NaN	0.2419060	2.27745860	-0.6199782
##	[1376,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1377,]	NaN	1.4155093	-0.16445544	-2.1712429
##	[1378,]	NaN	-0.9316973	2.14893681	0.1556541
##	[1379,]	NaN	1.4155093	0.34963173	0.9312865
##	[1380,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[1381,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1382,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1383,]	NaN	0.2419060	-0.93558618	0.1556541
##	[1384,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1385,]	NaN	-0.9316973	0.34963173	0.1556541
##	[1386,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1387,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[1388,]	NaN	0.2419060	-0.42149902	1.7069188
##	[1389,]	NaN	0.2419060	-0.29297723	2.4825512
	[1390,]		-0.9316973	-0.29297723	
##	•	NaN			2.4825512
##	[1391,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1392,]	NaN N-N	-0.9316973	1.12076248	0.1556541
##	[1393,]	NaN N-N	-0.9316973	-0.16445544	-0.6199782
##	[1394,]	NaN	-0.9316973	-0.55002081	1.7069188
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##	[1407,]	NaN	-0.9316973	-0.29297723	0.1556541
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##	[1409,]	NaN	-0.9316973	-0.80706439	2.4825512
##	[1410,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1411,]	NaN	0.2419060	0.47815352	0.9312865
##	[1412,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[1413,]	NaN	-0.9316973	0.09258815	2.4825512
##	[1414,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1415,]	NaN	-0.9316973	1.76337144	0.1556541
##	[1416,]	NaN	2.5891126	-1.32115156	-0.6199782

##	[1417,]	NaN	1.4155093	0.60667531	0.1556541
##	[1418,]	NaN	0.2419060	-1.06410798	-1.3956106
##	[1419,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[1420,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1421,]	NaN	0.2419060	0.09258815	0.1556541
##	[1422,]	NaN	1.4155093	0.34963173	0.1556541
##	[1423,]	NaN	0.2419060	-0.80706439	0.1556541
##	[1424,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[1425,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[1426,]	NaN	0.2419060	-0.16445544	2.4825512
##	[1427,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[1428,]	NaN	1.4155093	-0.42149902	0.1556541
##	[1429,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[1430,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[1431,]	NaN	0.2419060	1.12076248	0.1556541
##	[1432,]	NaN	1.4155093	0.34963173	0.1556541
##	[1433,]	NaN	0.2419060	0.60667531	-0.6199782
##	[1434,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1435,]	NaN	1.4155093	0.60667531	0.1556541
##	[1436,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[1437,]	NaN	-0.9316973	-1.19262977	2.4825512
##	[1438,]	NaN	-0.9316973	1.24928427	0.1556541
	[1439,]	NaN	0.2419060	-1.32115156	0.1556541
## ##	[1440,]	NaN	1.4155093	-0.16445544	-0.6199782
	- • -				
##	[1441,]	NaN	2.5891126	0.86371890	0.1556541
##	[1442,]	NaN	0.2419060	0.22110994	-0.6199782
##	[1443,]	NaN	2.5891126	-0.93558618	0.1556541
##	[1444,]	NaN NaN	-0.9316973	1.63484965	-0.6199782
##	[1445,]	NaN	0.2419060	0.34963173	0.9312865
##	[1446,]	NaN NaN	0.2419060	1.24928427	0.1556541
##	[1447,]	NaN NaN	1.4155093	-0.42149902	-0.6199782
##	[1448,]	NaN NaN	0.2419060	0.47815352	0.9312865
##	[1449,]	NaN NaN	0.2419060	0.34963173	1.7069188
##	[1450,]	NaN NaN	-0.9316973	-0.93558618	0.9312865
##	[1451,]	NaN N-N	-0.9316973	-0.29297723	-0.6199782
##	[1452,]	NaN NaN	0.2419060	-0.16445544	-1.3956106
##	[1453,]	NaN	1.4155093	0.09258815	0.1556541
##	[1454,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1455,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[1456,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1457,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[1458,]	NaN	2.5891126	1.12076248	-0.6199782
##	[1459,]	NaN	0.2419060	-0.93558618	1.7069188
##	[1460,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1461,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1462,]	NaN	0.2419060	1.12076248	0.1556541
##	[1463,]	NaN	0.2419060	1.24928427	-0.6199782
##	[1464,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1465,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[1466,]	NaN	0.2419060	0.73519711	0.1556541
##	[1467,]	NaN	0.2419060	-0.29297723	1.7069188
##	[1468,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[1469,]	NaN	-0.9316973	0.73519711	0.1556541
##	[1470,]	NaN	-0.9316973	-0.67854260	0.1556541

##		WorkLifeBalance	YearsAtCompany	YearsInCurrentRole
##	[1,]	-2.4929720	-0.164557109	-0.06327437
##	[2,]	0.3379811	0.488341541	0.76473737
##	[3,]	0.3379811	-1.143905083	-1.16729002
##	[4,]	0.3379811	0.161892216	0.76473737
##	[5,]	0.3379811	-0.817455758	-0.61528219
##	[6,]	-1.0774954	-0.001332446	0.76473737
##	[7,]	-1.0774954	-0.980680421	-1.16729002
##	[8,]	0.3379811	-0.980680421	-1.16729002
##	[9,]	0.3379811	0.325116879	0.76473737
##	[10,]	-1.0774954	-0.001332446	0.76473737
##	[11,]	0.3379811	-0.327781771	-0.06327437
##	[12,]	0.3379811	0.325116879	0.21272955
##	[13,]	-1.0774954	-0.327781771	-0.61528219
##	[14,]	0.3379811	-0.817455758	-0.61528219
##	[15,]	0.3379811	-0.491006434	-0.61528219
##	[16,]	0.3379811	0.488341541	1.31674520
##	[17,]	-1.0774954	-0.164557109	-0.61528219
##	[18,]	-1.0774954	-0.980680421	-1.16729002
##	[19,]	0.3379811	2.936711478	1.04074129
##	[20,]	0.3379811	-0.654231096	-0.61528219
##	[21,]	-1.0774954	-0.491006434	-0.61528219
##	[22,]	0.3379811	-0.327781771	-0.33927828
##	[23,]	0.3379811	0.814790866	0.48873346
##	[24,]	0.3379811	-1.143905083	-1.16729002
##	[25,]	0.3379811	-0.491006434	-0.61528219
##	[26,]	-1.0774954	1.141240191	2.42076085
##	[27,]	0.3379811	0.488341541	-0.61528219
##	[28,]	0.3379811	0.325116879	0.76473737
##			2.447037491	
	[29,]	0.3379811	-0.817455758	0.48873346 -0.61528219
##	[30,]	-1.0774954		-0.89128611
##	[31,]	0.3379811	-0.980680421 -0.491006434	-0.89128611
##	[32,]	1.7534577	0.488341541	***************************************
##	[33,]	0.3379811		-1.16729002
##	[34,]	1.7534577	-0.980680421	-1.16729002
##	[35,]	-1.0774954	-0.817455758	-1.16729002
##	[36,]	-1.0774954	-0.327781771	-0.33927828
##	[37,]	0.3379811	-0.654231096	-0.61528219
##	[38,]	0.3379811	-0.817455758	-0.61528219
##	[39,]	1.7534577	-0.980680421	-0.89128611
##	[40,]	0.3379811	-0.327781771	-0.33927828
##	[41,]	0.3379811	-0.980680421	-1.16729002
##	[42,]	0.3379811	-0.980680421	-1.16729002
##	[43,]	-1.0774954	-0.980680421	-1.16729002
##	[44,]	0.3379811	0.325116879	1.04074129
##	[45,]	0.3379811	0.814790866	1.04074129
##	[46,]	0.3379811	2.447037491	2.97276868
##	[47,]	0.3379811	0.325116879	0.21272955
##	[48,]	0.3379811	-0.980680421	-1.16729002
##	[49,]	0.3379811	0.325116879	0.48873346
##	[50,]	0.3379811	-0.980680421	-1.16729002
##	[51,]	0.3379811	-0.980680421	-1.16729002
##	[52,]	-1.0774954	-0.817455758	-0.61528219
##	[53,]	-1.0774954	-0.491006434	-0.33927828

##	[54,]	0.3379811	-0.491006434	-1.16729002
##	[55,]	-1.0774954	-0.817455758	-0.61528219
##	[56,]	0.3379811	1.304464853	2.69676477
##	[57,]	-1.0774954	0.325116879	1.04074129
##	[58,]	0.3379811	-0.817455758	-0.61528219
##	[59,]	-1.0774954	-0.001332446	0.76473737
##	[60,]	1.7534577	-0.001332446	0.21272955
##	[61,]	0.3379811	0.325116879	1.04074129
##	[62,]	0.3379811	0.488341541	-0.33927828
##	[63,]	-1.0774954	3.263160803	-0.33927828
##	[64,]	-1.0774954	2.283812828	3.24877259
##	[65,]	0.3379811	1.630914178	2.69676477
##	[66,]	0.3379811	-0.327781771	-1.16729002
##	[67,]	0.3379811	-0.164557109	0.21272955
##	[68,]	0.3379811	-0.980680421	-1.16729002
##	[69,]	-1.0774954	-0.654231096	-0.61528219
##	[70,]	-1.0774954	-0.980680421	-1.16729002
##	[71,]	-1.0774954	-0.491006434	-0.33927828
			-0.327781771	
##	[72,]	0.3379811		-0.06327437
##	[73,]	0.3379811	-0.980680421	-0.89128611
##	[74,]	0.3379811	0.488341541	-0.06327437
##	[75,]	0.3379811	-0.980680421	-1.16729002
##	[76,]	0.3379811	0.651566204	0.76473737
##	[77,]	0.3379811	1.304464853	2.42076085
##	[78,]	1.7534577	-1.143905083	-1.16729002
##	[79,]	1.7534577	-0.327781771	-0.61528219
##	[80,]	0.3379811	-0.491006434	-0.61528219
##	[81,]	-1.0774954	0.488341541	1.04074129
##	[82,]	0.3379811	-0.164557109	-0.06327437
##	[83,]	0.3379811	-0.980680421	-1.16729002
##	[84,]	0.3379811	0.978015528	1.86875303
##	-	0.3379811	-0.327781771	-0.61528219
	[85,]			
##	[86,]	-1.0774954	-0.164557109	-0.06327437
##	[87,]	0.3379811	-1.143905083	-1.16729002
##	[88,]	0.3379811	-0.491006434	-0.61528219
##	[89,]	0.3379811	0.651566204	1.59274911
##	[90,]	0.3379811	0.325116879	1.04074129
##	[91,]	-1.0774954	2.447037491	-0.33927828
##	[92,]	-2.4929720	0.488341541	0.76473737
##	[93,]	-1.0774954	0.651566204	1.04074129
##	[94,]	-1.0774954	0.488341541	1.31674520
##	[95,]	0.3379811	0.651566204	1.04074129
##	[96,]	-2.4929720	-0.491006434	-0.33927828
##	[97,]	-1.0774954	-0.654231096	-0.61528219
##	[98,]	1.7534577	-0.327781771	-0.06327437
##	[99,]	-1.0774954	4.895407427	1.59274911
##	[100,]	1.7534577	-0.654231096	-0.61528219
##	[101,]	0.3379811	-0.654231096	-0.61528219
##	[102,]	0.3379811	-0.980680421	-1.16729002
##	[103,]	0.3379811	-0.980680421	-1.16729002
##	[104,]	0.3379811	1.467689516	2.42076085
##	[105,]	1.7534577	-0.980680421	-1.16729002
##	[106,]	0.3379811	-0.654231096	-0.61528219
##	[107,]	-1.0774954	0.161892216	-0.33927828

##	[108,]	0.3379811	-0.164557109	-0.06327437
##	[109,]	0.3379811	-0.817455758	-0.61528219
##	[110,]	0.3379811	-1.143905083	-1.16729002
##	[111,]	-1.0774954	0.978015528	2.14475694
##	[112,]	0.3379811	0.325116879	0.76473737
##	[113,]	0.3379811	-0.327781771	-0.33927828
##	[114,]	0.3379811	-0.327781771	-0.33927828
##	[115,]	0.3379811	-0.980680421	-1.16729002
##	[116,]	0.3379811	-0.327781771	-0.33927828
##	[117,]	0.3379811	0.651566204	1.59274911
##	[118,]	0.3379811	0.325116879	0.76473737
##	[119,]	0.3379811	-0.980680421	-1.16729002
##	[120,]	1.7534577	2.936711478	2.14475694
##	[121,]	-1.0774954	0.488341541	0.76473737
##	[122,]	1.7534577	-0.001332446	0.76473737
##	[123,]	0.3379811	-0.327781771	-0.06327437
##	[124,]	0.3379811	2.120588166	3.80078042
##	[125,]	-1.0774954	-0.001332446	0.76473737
##	[126,]	-1.0774954	-0.327781771	-0.06327437
##	[127,]	-1.0774954	5.385081415	1.59274911
##	[128,]	-1.0774954	-1.143905083	-1.16729002
##	[129,]	0.3379811	-0.817455758	-0.89128611
##	[130,]	-1.0774954	1.304464853	1.86875303
##	[131,]	0.3379811	-0.654231096	-0.61528219
##	[132,]	0.3379811	-0.817455758	-0.61528219
##	[133,]	0.3379811	-0.817455758	-0.61528219
##	[134,]	0.3379811	0.325116879	0.76473737
##	[135,]	0.3379811	0.161892216	0.76473737
##	[136,]	0.3379811	-0.654231096	-0.61528219
##	[137,]	0.3379811	-0.491006434	-0.61528219
##	[138,]	1.7534577	1.304464853	1.86875303
##	[139,]	0.3379811	-0.817455758	-0.61528219
##	[140,]	-2.4929720	0.651566204	1.31674520
##	[141,]	1.7534577	-0.327781771	-0.06327437
##	[142,]	-1.0774954	-0.164557109	0.21272955
##	[143,]	0.3379811	-0.654231096	-0.61528219
##	[144,]	-1.0774954	-0.327781771	-0.06327437
##	[145,]	1.7534577	0.161892216	0.76473737
##	[146,]	0.3379811	-0.654231096	-0.61528219
##	[147,]	0.3379811	-0.327781771	-0.33927828
##	[148,]	-1.0774954	-0.001332446	0.48873346
##	[149,]	0.3379811	-0.327781771	-1.16729002
##	[150,]	0.3379811	-0.980680421	-1.16729002
##	[151,]	0.3379811	2.120588166	0.76473737
##	[152,]	0.3379811	0.488341541	1.04074129
##	[153,]	-2.4929720	-0.001332446	0.76473737
##	[154,]	-2.4929720	1.630914178	1.31674520
##	[155,]	0.3379811	0.325116879	1.04074129
##	[156,]	0.3379811	0.488341541	0.76473737
##	[157,]	0.3379811	-0.980680421	-1.16729002
##	[158,]	-1.0774954	-0.980680421	-1.16729002
##	[159,]	-1.0774954	0.814790866	1.86875303
##	[160,]	0.3379811	-0.491006434	-0.33927828
##	[161,]	0.3379811	-0.817455758	-0.61528219
	,1	0.0010011	5.51, 100,00	0.01020210

##	[162,]	-2.4929720	-0.817455758	-0.61528219
##	[163,]	-2.4929720	-0.327781771	-0.61528219
##	[164,]	-2.4929720	-0.327781771	-0.33927828
##	[165,]	-1.0774954	-0.980680421	-0.89128611
##	[166,]	0.3379811	-0.327781771	-0.06327437
##	[167,]	0.3379811	0.325116879	1.04074129
##	[168,]	0.3379811	0.488341541	1.31674520
##	[169,]	1.7534577	0.161892216	-0.33927828
##	[170,]	0.3379811	-0.327781771	-0.06327437
##	[171,]	-1.0774954	-0.327781771	-0.61528219
##	[172,]	1.7534577	-1.143905083	-1.16729002
	[173,]		0.161892216	0.76473737
##	-	-1.0774954		
##	[174,]	0.3379811	0.814790866	1.31674520
##	[175,]	1.7534577	-0.327781771	-0.06327437
##	[176,]	0.3379811	-0.817455758	-0.61528219
##	[177,]	1.7534577	-0.654231096	-0.89128611
##	[178,]	-1.0774954	-0.980680421	-1.16729002
##	[179,]	0.3379811	2.773486815	2.42076085
##	[180,]	0.3379811	-0.817455758	-0.61528219
##	[181,]	0.3379811	-0.491006434	-0.61528219
##	[182,]	0.3379811	-0.654231096	-0.61528219
##	[183,]	-1.0774954	-0.491006434	-0.33927828
##	[184,]	-1.0774954	-0.654231096	-0.61528219
##	[185,]	0.3379811	-0.491006434	-0.61528219
##	[186,]	0.3379811	0.161892216	0.76473737
##	[187,]	0.3379811	2.120588166	1.04074129
##	[188,]	0.3379811	2.773486815	2.97276868
##	[189,]	-1.0774954	0.488341541	1.31674520
##	[190,]	0.3379811	-0.001332446	0.76473737
##	[191,]	0.3379811	4.242508778	3.80078042
##	[192,]	-1.0774954	-0.001332446	0.76473737
	-			
##	[193,]	0.3379811	-0.980680421	-1.16729002
##	[194,]	1.7534577	-0.327781771	-0.06327437
##	[195,]	0.3379811	2.120588166	1.04074129
##	[196,]	-1.0774954	0.161892216	0.76473737
##	[197,]	0.3379811	-0.164557109	-0.61528219
##	[198,]	0.3379811	-0.327781771	-0.33927828
##	[199,]	0.3379811	-0.980680421	-1.16729002
##	[200,]	-2.4929720	-0.001332446	0.76473737
##	[201,]	0.3379811	-0.817455758	-0.61528219
##	[202,]	0.3379811	-0.001332446	0.76473737
##	[203,]	1.7534577	-0.327781771	-0.33927828
##	[204,]	1.7534577	-0.001332446	-0.61528219
##	[205,]	0.3379811	-0.980680421	-1.16729002
##	[206,]	-1.0774954	0.488341541	-0.06327437
##	[207,]	-1.0774954	-0.491006434	-0.61528219
##	[208,]	0.3379811	0.161892216	-0.89128611
##	[209,]	-2.4929720	-0.654231096	-0.61528219
##	[210,]	0.3379811	-0.491006434	-0.61528219
##	[211,]	-1.0774954	1.141240191	1.04074129
##	[212,]	0.3379811	0.651566204	1.04074129
##	[213,]	0.3379811	-0.001332446	0.76473737
##	[214,]	-2.4929720	0.488341541	1.31674520
##	[215,]	0.3379811	-0.327781771	-0.61528219
##	[210,]	0.3313011	0.521101111	0.01020219

##	[216,]	0.3379811	-0.980680421	-1.16729002
##	[217,]	-1.0774954	-0.164557109	-0.33927828
##	[218,]	-1.0774954	-0.164557109	-0.61528219
##	[219,]	0.3379811	1.957363503	0.76473737
##	[220,]	0.3379811	-0.164557109	-0.61528219
##	[221,]	1.7534577	0.978015528	1.86875303
	-			
##	[222,]	0.3379811	-0.654231096	-0.61528219
##	[223,]	0.3379811	0.488341541	1.04074129
##	[224,]	-1.0774954	1.467689516	1.59274911
##	[225,]	0.3379811	-0.327781771	-0.06327437
##	[226,]	0.3379811	-0.980680421	-1.16729002
##	[227,]	0.3379811	0.325116879	1.04074129
##	[228,]	0.3379811	0.651566204	1.59274911
##	[229,]	1.7534577	0.488341541	0.76473737
##	[230,]	-1.0774954	-0.491006434	-0.33927828
##	[231,]	-1.0774954	-0.817455758	-0.61528219
##	[232,]	0.3379811	2.447037491	3.52477651
##	[233,]	-1.0774954	-0.817455758	-0.61528219
##	[234,]	-1.0774954	-0.001332446	-1.16729002
##	[235,]	-2.4929720	-0.327781771	-0.06327437
##	[236,]	0.3379811	1.630914178	2.42076085
##	[237,]	1.7534577		0.76473737
			0.325116879	
##	[238,]	1.7534577	4.242508778	0.76473737
##	[239,]	0.3379811	-0.491006434	-0.33927828
##	[240,]	-2.4929720	-0.654231096	-0.61528219
##	[241,]	0.3379811	-0.654231096	-0.61528219
##	[242,]	0.3379811	-0.654231096	-0.61528219
##	[243,]	-1.0774954	-0.980680421	-1.16729002
##	[244,]	0.3379811	0.325116879	1.04074129
##	[245,]	0.3379811	2.773486815	-1.16729002
##	[246,]	0.3379811	-0.817455758	-0.61528219
##	[247,]	-1.0774954	-0.817455758	-0.61528219
##	[248,]	0.3379811	0.651566204	1.31674520
##	[249,]	-1.0774954	-0.654231096	-0.89128611
##	[250,]	0.3379811	-0.654231096	-0.61528219
##	[251,]	0.3379811	-0.980680421	-1.16729002
##	[252,]	0.3379811	1.957363503	0.48873346
##	[253,]	0.3379811	-0.164557109	0.21272955
##	[254,]	0.3379811	-0.654231096	-0.61528219
	[254,]	0.3379811	-0.654231096	-0.61528219
##				
##	[256,]	0.3379811	-0.491006434	-0.61528219
##	[257,]	0.3379811	0.325116879	0.48873346
##	[258,]	0.3379811	2.283812828	0.76473737
##	[259,]	-1.0774954	-0.980680421	-1.16729002
##	[260,]	1.7534577	-0.327781771	-0.06327437
##	[261,]	-2.4929720	-0.327781771	-0.89128611
##	[262,]	0.3379811	0.161892216	0.76473737
##	[263,]	0.3379811	-0.164557109	-0.61528219
##	[264,]	-1.0774954	-0.001332446	0.76473737
##	[265,]	-2.4929720	-1.143905083	-1.16729002
##	[266,]	0.3379811	-1.143905083	-1.16729002
##	[267,]	0.3379811	0.325116879	-1.16729002
##	[268,]	0.3379811	-0.164557109	-0.33927828
##	[269,]	0.3379811	2.120588166	0.76473737
	,_	0.0070011	120000100	00110101

	F070 7	0.0070044	4 004404050	0 40074005
##	[270,]	0.3379811	1.304464853	2.42076085
##	[271,]	0.3379811	4.732182765	1.59274911
##	[272,]	-1.0774954	0.488341541	0.76473737
##	[273,]	-1.0774954	-0.327781771	-0.61528219
##	[274,]	1.7534577	-0.327781771	-0.06327437
##	[275,]	1.7534577	-0.654231096	-0.61528219
##	[276,]	0.3379811	-0.327781771	-0.61528219
##	[277,]	-1.0774954	-0.001332446	0.76473737
##	[278,]	0.3379811	0.161892216	-1.16729002
##	[279,]	-2.4929720	-0.164557109	0.21272955
##	[280,]	-1.0774954	0.488341541	-0.06327437
##	[281,]	-1.0774954	-0.327781771	-0.33927828
##	[282,]	0.3379811	2.120588166	3.24877259
##	[283,]	-1.0774954	0.488341541	0.76473737
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##	[287,]	-2.4929720	-0.980680421	-1.16729002
##	[288,]	0.3379811	-0.817455758	-0.61528219
##	[289,]	0.3379811	-0.654231096	-0.61528219
##	[290,]	0.3379811	-0.327781771	-0.33927828
##	[291,]	0.3379811	-0.654231096	-0.61528219
##	[292,]	0.3379811	0.161892216	-1.16729002
##	[293,]	-1.0774954	-0.817455758	-0.61528219
##	[294,]	0.3379811	0.161892216	0.76473737
##	[295,]	-1.0774954	-0.491006434	-0.61528219
##	[296,]	1.7534577	2.120588166	-0.06327437
##	[297,]	0.3379811	-1.143905083	-1.16729002
##	[298,]	-1.0774954	0.651566204	1.31674520
##	[299,]	0.3379811	-0.980680421	-1.16729002
##	[300,]	0.3379811	-0.491006434	-0.89128611
##	[301,]	0.3379811	2.447037491	1.59274911
##	[302,]	0.3379811	-1.143905083	-1.16729002
##	[303,]	0.3379811	0.161892216	-0.33927828
##	[304,]	-1.0774954	0.161892216	0.76473737
##	[305,]	-1.0774954	1.794138841	1.59274911
##	[306,]	0.3379811	0.325116879	1.04074129
##	[307,]	-1.0774954	0.978015528	1.04074129
##	[308,]	0.3379811	0.488341541	1.04074129
##	[309,]	0.3379811	-0.327781771	-0.33927828
##	[310,]	0.3379811	-0.327781771	-0.61528219
##	[311,]	0.3379811	-0.817455758	-0.61528219
##	[312,]	0.3379811	2.773486815	1.31674520
##	[313,]	-2.4929720	-0.817455758	-0.61528219
##	[314,]	0.3379811	0.488341541	0.48873346
##	[315,]	0.3379811	2.283812828	1.31674520
##	[316,]	0.3379811	0.161892216	0.76473737
##	[317,]	0.3379811	-0.001332446	-0.89128611
##	[318,]	-1.0774954	0.161892216	-0.61528219
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##	[320,]	0.3379811	0.978015528	2.14475694
## ##	[321,]	0.3379811	-0.327781771	-0.06327437
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##	[020,]	-1.0114904	0.001332440	0.10413131

##	[324,]	-1.0774954	-0.654231096	-0.61528219
##	[325,]	0.3379811	0.488341541	1.04074129
##	[326,]	0.3379811	0.488341541	1.31674520
##	[327,]	0.3379811	2.283812828	1.31674520
##	[328,]	-1.0774954	-0.980680421	-1.16729002
##	[329,]	-1.0774954	-0.001332446	0.76473737
##	[330,]	0.3379811	-0.654231096	-0.61528219
##	[331,]	1.7534577	0.325116879	0.76473737
##	[332,]	0.3379811	-0.327781771	-0.06327437
##	[333,]	-1.0774954	-0.491006434	-0.33927828
##	[334,]	-1.0774954	-0.980680421	-1.16729002
##	[335,]	0.3379811	0.488341541	1.31674520
##	[336,]	-1.0774954	-0.491006434	-0.33927828
##	[337,]	-1.0774954	-0.001332446	0.76473737
##	[338,]	0.3379811	-0.654231096	-0.61528219
##	[339,]	0.3379811	0.488341541	1.31674520
##	[340,]	0.3379811	0.161892216	0.76473737
##	[341,]	-1.0774954	-0.164557109	-0.61528219
##	[342,]	0.3379811	0.651566204	1.59274911
##	[343,]	-1.0774954	0.651566204	1.31674520
##	[344,]	0.3379811	-0.001332446	0.76473737
##	[345,]	0.3379811	1.467689516	0.48873346
##	[346,]	-1.0774954	-0.491006434	-0.61528219
##	[347,]	0.3379811	-0.327781771	-0.06327437
##	[348,]	0.3379811	-1.143905083	-1.16729002
##	[349,]	0.3379811	-0.980680421	-1.16729002
##	[350,]	-1.0774954	-0.491006434	-0.33927828
##	[351,]	0.3379811	-0.654231096	-0.61528219
##	[352,]	0.3379811	0.161892216	-1.16729002
##	[353,]	-2.4929720	-1.143905083	-1.16729002
##	[354,]	0.3379811	-0.001332446	0.76473737
##	[355,]	1.7534577	-0.817455758	-0.61528219
##	[356,]	0.3379811	0.161892216	0.76473737
##	[357,]	0.3379811	-0.980680421	-1.16729002
##	[358,]	0.3379811	-0.654231096	-0.61528219
##	[359,]	0.3379811	-0.980680421	-1.16729002
##	[360,]	0.3379811	0.978015528	1.31674520
##	[361,]	0.3379811	-0.654231096	-0.61528219
##	[362,]	0.3379811	-0.001332446	0.76473737
##	[363,]	-1.0774954	-0.654231096	-0.61528219
##	[364,]	0.3379811	-0.980680421	-1.16729002
##	[365,]	0.3379811	-0.327781771	-0.06327437
##	[366,]	1.7534577	-0.980680421	-1.16729002
##	[367,]	0.3379811	0.161892216	0.76473737
##	[368,]	0.3379811	-0.491006434	-0.33927828
##	[369,]	0.3379811	-0.164557109	-0.06327437
##	[370,]	0.3379811	-0.817455758	-0.61528219
##	[371,]	0.3379811	-0.980680421	-1.16729002
##	[372,]	0.3379811	-0.654231096	-0.61528219
##	[373,]	0.3379811	-0.980680421	-0.89128611
##	[374,]	0.3379811	-0.327781771	-0.61528219
##	[375,]	0.3379811	-0.001332446	0.21272955
##	[376,]	0.3379811	-0.327781771	-0.61528219
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	[0,1,]	1.0114004	0.001002440	0.10410101

##	[378,]	0.3379811	-0.817455758	-0.61528219
##	[379,]	-1.0774954	-0.327781771	-0.61528219
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##	[381,]	1.7534577	-0.327781771	-0.61528219
##	[382,]	0.3379811	-0.980680421	-1.16729002
##	[383,]	0.3379811	-0.164557109	-0.06327437
##	[384,]	0.3379811	-0.817455758	-0.89128611
##	[385,]	0.3379811	0.488341541	1.31674520
##	[386,]	0.3379811	-0.980680421	-1.16729002
##	[387,]	-1.0774954	1.794138841	0.76473737
##	[388,]	0.3379811	-0.327781771	-0.06327437
##	[389,]	0.3379811	-0.327781771	-0.61528219
##	[390,]	-1.0774954	-0.980680421	-1.16729002
##	[391,]	0.3379811	2.936711478	1.59274911
##	[392,]	0.3379811	-0.980680421	-1.16729002
##	[393,]	-1.0774954	-0.491006434	-0.61528219
##	[394,]	0.3379811	-0.654231096	-0.61528219
##	[395,]	-2.4929720	0.978015528	1.59274911
##	[396,]	0.3379811	-0.654231096	-0.61528219
##	[397,]	0.3379811	-0.327781771	-0.61528219
##	[398,]	0.3379811	-0.327781771	-0.06327437
##	[399,]	0.3379811	0.978015528	1.86875303
##	[400,]	0.3379811	-0.491006434	-0.61528219
##	[401,]	0.3379811	2.283812828	1.04074129
##	[402,]	-1.0774954	-0.001332446	0.76473737
##	[403,]	0.3379811	-0.327781771	-0.06327437
##	[404,]	0.3379811	0.488341541	0.76473737
##	[405,]	0.3379811	0.488341541	-1.16729002
##	[406,]	0.3379811	-0.817455758	-0.61528219
##	[407,]	0.3379811	-0.327781771	-0.06327437
##	[408,]	-1.0774954	-0.817455758	-0.61528219
##	[409,]	-2.4929720	-0.327781771	-0.61528219
##	[410,]	0.3379811	-0.327781771	-0.06327437
##	[411,]	0.3379811	-0.327781771	-0.06327437
##	[412,]	-2.4929720	3.589610128	1.04074129
##	[413,]	-1.0774954	0.488341541	0.76473737
##	[414,]	1.7534577	-0.164557109	0.21272955
##	[415,]	0.3379811	-0.327781771	-0.33927828
##	[416,]	-1.0774954	-0.817455758	-0.61528219
##	[417,]	0.3379811	-0.980680421	-1.16729002
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##	[419,]	-2.4929720	-0.654231096	-0.61528219
##	[420,]	-2.4929720	-0.327781771	-0.33927828
##	[421,]	0.3379811	0.488341541	-0.61528219
##	[422,]	1.7534577	-0.817455758	-0.61528219
##	[423,]	1.7534577	-0.980680421	-1.16729002
##	[424,]	0.3379811	0.325116879	1.04074129
##	[425,]	-1.0774954	-0.980680421	-1.16729002
##	[426,]	0.3379811	3.263160803	1.59274911
##	[420,]	-1.0774954	0.651566204	0.76473737
##	[427,]	1.7534577	1.794138841	2.42076085
## ##	[429,]	0.3379811	-0.327781771	-1.16729002
##	[430,]	-2.4929720	-0.654231096	-0.61528219
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##	[433,]	0.3379811	-0.001332446	-0.33927828
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##	[435,]	1.7534577	0.978015528	1.04074129
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##	[437,]	0.3379811	-0.491006434	-0.33927828
##	[438,]	0.3379811	-0.654231096	-0.61528219
##	[439,]	0.3379811	0.161892216	0.76473737
##	[440,]	0.3379811	-0.980680421	-1.16729002
##	[441,]	0.3379811	-0.654231096	-0.61528219
##	[442,]	0.3379811	-0.817455758	-0.61528219
##	[443,]	-1.0774954	0.488341541	-0.33927828
##	[444,]	0.3379811	-0.817455758	-0.61528219
##	[445,]	0.3379811	0.325116879	0.76473737
##	[446,]	0.3379811	0.488341541	1.31674520
##	[447,]	0.3379811	1.141240191	-0.33927828
##	[448,]	0.3379811	0.651566204	1.31674520
##	[449,]	0.3379811	2.120588166	0.48873346
##	[450,]	0.3379811	0.161892216	-0.33927828
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			0.488341541	***==**
##	[452,]	-1.0774954		1.31674520 0.76473737
##	[453,]	1.7534577	0.161892216	
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##	[455,]	1.7534577	-0.654231096	-0.61528219
##	[456,]	0.3379811	-0.164557109	-0.89128611
##	[457,]	-1.0774954	-0.327781771	-0.06327437
##	[458,]	0.3379811	-1.143905083	-1.16729002
##	[459,]	0.3379811	-0.980680421	-1.16729002
##	[460,]	0.3379811	0.161892216	0.76473737
##	[461,]	0.3379811	-1.143905083	-1.16729002
##	[462,]	0.3379811	-0.327781771	-0.06327437
##	[463,]	0.3379811	0.488341541	0.76473737
##	[464,]	-2.4929720	-0.980680421	-1.16729002
##	[465,]	1.7534577	-0.164557109	0.21272955
##	[466,]	-1.0774954	-0.817455758	-0.61528219
##	[467,]	0.3379811	1.794138841	3.24877259
##	[468,]	0.3379811	0.325116879	0.21272955
##	[469,]	0.3379811	0.488341541	1.31674520
##	[470,]	0.3379811	-0.491006434	-0.61528219
##	[471,]	0.3379811	-0.817455758	-0.61528219
##	[472,]	0.3379811	-0.980680421	-1.16729002
##	[473,]	-1.0774954	-0.164557109	0.21272955
##	[474,]	0.3379811	3.916059453	1.31674520
##	[475,]	0.3379811	-0.164557109	0.21272955
##	[476,]	1.7534577	-0.327781771	-0.33927828
##	[477,]	0.3379811	-0.980680421	-1.16729002
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##	[480,]	0.3379811	-0.164557109	-0.33927828
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##	[482,]	0.3379811	-0.164557109	0.21272955
##	[483,]	-2.4929720	-0.654231096	-0.89128611
##	[484,]	0.3379811	-0.654231096	-0.61528219
##	[485,]	1.7534577	-0.001332446	0.76473737

##	[486,]	-1.0774954	-0.327781771	-0.33927828
##	[487,]	-1.0774954	-0.654231096	-1.16729002
##	[488,]	1.7534577	-0.980680421	-1.16729002
##	[489,]	0.3379811	0.488341541	-0.61528219
##	[490,]	-1.0774954	-0.980680421	-1.16729002
##	[491,]	-1.0774954	-1.143905083	-1.16729002
##	[492,]	0.3379811	0.161892216	0.76473737
##	[493,]	-2.4929720	-0.654231096	-0.61528219
##	[494,]	1.7534577	-0.817455758	-0.61528219
##	[495,]	0.3379811	0.161892216	-0.61528219
##	[496,]	0.3379811	-0.491006434	-0.33927828
##	[497,]	0.3379811	-0.654231096	-0.61528219
##	[498,]	1.7534577	-0.817455758	-0.61528219
##	[499,]	0.3379811	-0.817455758	-0.61528219
##	[500,]	0.3379811	-0.327781771	-1.16729002
##	[501,]	-1.0774954	-0.164557109	-0.06327437
##	[502,]	0.3379811	-0.980680421	-1.16729002
##	[503,]	1.7534577	1.141240191	0.76473737
##	[504,]	-1.0774954	0.488341541	1.31674520
##	[505,]	0.3379811	-0.980680421	-0.89128611
##	[506,]	0.3379811	-0.654231096	-0.61528219
##	-		0.488341541	0.76473737
	[507,]	0.3379811		
##	[508,]	-1.0774954	-0.164557109	-1.16729002
##	[509,]	0.3379811	1.630914178	1.86875303
##	[510,]	-2.4929720	0.978015528	1.86875303
##	[511,]	1.7534577	0.325116879	0.76473737
##	[512,]	0.3379811	-0.654231096	-0.61528219
##	[513,]	0.3379811	-0.491006434	-0.61528219
##	[514,]	0.3379811	-0.980680421	-1.16729002
##	[515,]	0.3379811	0.488341541	1.04074129
##	[516,]	0.3379811	-0.980680421	-1.16729002
##	[517,]	1.7534577	-0.654231096	-0.61528219
##	[518,]	0.3379811	-0.654231096	-0.61528219
##	[519,]	0.3379811	-0.001332446	0.76473737
##	[520,]	0.3379811	0.488341541	0.76473737
##	[521,]	0.3379811	-0.817455758	-0.61528219
##	[522,]	0.3379811	-0.164557109	0.21272955
##	[523,]	0.3379811	-0.980680421	-1.16729002
##	[524,]	0.3379811	2.120588166	1.04074129
##	[525,]	1.7534577	0.161892216	0.76473737
##	[526,]	0.3379811	-0.817455758	-0.61528219
##	[527,]	0.3379811	2.120588166	0.76473737
##	[528,]	-1.0774954	0.488341541	0.76473737
##	[529,]	0.3379811	-0.491006434	-0.33927828
##	[530,]	-1.0774954	0.325116879	0.76473737
##	[531,]	0.3379811	0.325116879	0.76473737
##	[532,]	0.3379811	-0.001332446	0.76473737
##	[533,]	0.3379811	-0.001332446	0.76473737
##	[534,]	0.3379811	1.794138841	2.42076085
##	[535,]	0.3379811	-0.327781771	-0.89128611
##	[536,]	-1.0774954	2.283812828	0.48873346
##	[537,]	0.3379811	-0.817455758	-0.61528219
##	[538,]	-1.0774954	0.325116879	0.76473737
##	[539,]	0.3379811	2.447037491	0.76473737
11 TT	[,,,]	0.0013011	2.441001431	0.10413131

##	[540,]	0.3379811	-0.817455758	-0.61528219
##	[541,]	0.3379811	-0.001332446	0.76473737
##	[542,]	0.3379811	0.161892216	0.76473737
##	[543,]	1.7534577	-0.980680421	-1.16729002
##	[544,]	0.3379811	-0.327781771	-0.61528219
##	[545,]	-1.0774954	2.447037491	-0.61528219
##	[546,]	-1.0774954	0.161892216	0.76473737
##	[547,]	0.3379811	-0.980680421	-1.16729002
##	[548,]	0.3379811	-0.817455758	-0.61528219
##	[549,]	0.3379811	-0.817455758	-0.61528219
##	[550,]	0.3379811	-0.327781771	-0.89128611
##	[551,]	1.7534577	-0.491006434	-0.33927828
##	[552,]	-2.4929720	0.161892216	-0.33927828
##	[553,]	-1.0774954	0.488341541	0.76473737
##	[554,]	-1.0774954	-0.491006434	-0.61528219
##	[555,]	-2.4929720	-0.001332446	0.48873346
##	[556,]	0.3379811	-0.817455758	-0.61528219
##	[557,]	0.3379811	-0.817455758	-0.61528219
##	[558,]	1.7534577	-0.980680421	-1.16729002
##	[559,]	0.3379811	0.488341541	1.04074129
##	[560,]	-2.4929720	-0.980680421	-1.16729002
##	[561,]	0.3379811	-1.143905083	-1.16729002
##	[562,]	1.7534577	4.405733440	0.48873346
##	[563,]	-1.0774954	0.488341541	1.31674520
##	[564,]	-1.0774954	-0.164557109	0.21272955
##	[565,]	0.3379811	0.161892216	0.76473737
##	[566,]	0.3379811	-0.817455758	-0.61528219
##	[567,]	0.3379811	-0.327781771	-0.06327437
##	[568,]	0.3379811	-0.164557109	0.21272955
##	[569,]	0.3379811	-0.327781771	-0.61528219
##	[570,]	0.3379811	0.488341541	0.76473737
##	[571,]	0.3379811	-0.491006434	-0.33927828
##	[572,]	0.3379811	-0.817455758	-0.61528219
##	[573,]	-1.0774954	0.161892216	0.76473737
##	[574,]	-1.0774954	-0.491006434	-0.33927828
##	[575,]	0.3379811	-0.491006434	-0.61528219
##	[576,]	0.3379811	-0.327781771	-0.33927828
##	[577,]	0.3379811	-0.491006434	-0.61528219
##	[578,]	-1.0774954	-0.327781771	-0.33927828
##	[579,]	0.3379811	1.304464853	0.76473737
##	[580,]	0.3379811	-0.164557109	0.21272955
##	[581,]	-1.0774954	-0.654231096	-0.61528219
##	[582,]	0.3379811	-0.817455758	-0.61528219
##	[583,]	0.3379811	0.161892216	0.76473737
##	[584,]	0.3379811	-0.654231096	-0.61528219
##	[585,]	-1.0774954	2.773486815	0.76473737
##	[586,]	0.3379811	-1.143905083	-1.16729002
##	[587,]	0.3379811	-0.980680421	-1.16729002
##	[588,]	0.3379811	-0.327781771	-0.61528219
##	[589,]	0.3379811	-0.491006434	-0.33927828
##	[590,]	0.3379811	-0.980680421	-1.16729002
##	[591,]	1.7534577	0.978015528	1.31674520
##	[592,]	0.3379811	-0.654231096	-0.61528219
##	[593,]	-1.0774954	3.099936140	2.69676477

##	[594,]	0.3379811	0.325116879	0.76473737
##	[595,]	0.3379811	0.488341541	0.76473737
##	[596,]	0.3379811	3.916059453	2.97276868
##	[597,]	0.3379811	-0.817455758	-0.61528219
##	[598,]	0.3379811	-0.491006434	-0.33927828
##	[599,]	-1.0774954	-0.817455758	-0.61528219
##	[600,]	0.3379811	-0.327781771	-0.61528219
##	[601,]	0.3379811	1.141240191	2.42076085
##	[602,]	0.3379811	-0.980680421	-1.16729002
##	[603,]	-1.0774954	-1.143905083	-1.16729002
##	[604,]	0.3379811	-0.980680421	-1.16729002
##	[605,]	-1.0774954	0.325116879	1.04074129
##	[606,]	-1.0774954	-0.491006434	-0.33927828
##	[607,]	0.3379811	-0.327781771	-0.61528219
##	[608,]	1.7534577	0.325116879	1.04074129
##	[609,]	-1.0774954	0.325116879	0.76473737
##	[610,]	0.3379811	-0.491006434	-0.89128611
##	[611,]	0.3379811	0.325116879	1.04074129
##	[612,]	1.7534577	0.161892216	0.21272955
##	[613,]	0.3379811	0.161892216	0.76473737
##	[614,]	-2.4929720	-0.654231096	-0.61528219
##	[615,]	0.3379811	0.161892216	0.76473737
##	[616,]	-1.0774954	-1.143905083	-1.16729002
##	[617,]	-1.0774954	2.120588166	0.48873346
##	[618,]	-1.0774954	-0.327781771	-0.61528219
##	[619,]	-1.0774954	-0.491006434	-0.33927828
##	[620,]	0.3379811	0.325116879	1.04074129
##	[621,]	-1.0774954	-0.164557109	0.21272955
##	[622,]	-1.0774954	1.794138841	2.69676477
##	[623,]	-1.0774954	-0.327781771	-0.61528219
##	[624,]	-1.0774954	-0.327781771	-0.06327437
##	[625,]	0.3379811	-0.327781771	-0.61528219
##	[626,]	0.3379811	-0.327781771	-0.06327437
##	[627,]	-1.0774954	-0.327781771	-0.33927828
##		0.3379811	0.325116879	1.04074129
##	[628,]	0.3379811	-0.980680421	-1.16729002
	[629,]		-0.327781771	
##	[630,]	0.3379811		-0.89128611
##	[631,]	-2.4929720	-0.817455758	-0.61528219
##	[632,]	-1.0774954	-0.654231096	-0.61528219
##	[633,]	0.3379811	-0.817455758	-0.89128611
##	[634,]	0.3379811	-0.327781771	-0.06327437
##	[635,]	0.3379811	-0.327781771	-0.33927828
##	[636,]	0.3379811	1.630914178	2.69676477
##	[637,]	-1.0774954	0.488341541	-0.61528219
##	[638,]	0.3379811	-0.654231096	-1.16729002
##	[639,]	1.7534577	-0.327781771	-0.61528219
##	[640,]	0.3379811	-0.491006434	-0.61528219
##	[641,]	-1.0774954	-0.327781771	-0.61528219
##	[642,]	0.3379811	0.488341541	1.04074129
##	[643,]	0.3379811	-0.817455758	-0.61528219
##	[644,]	-1.0774954	-0.327781771	-0.33927828
##	[645,]	0.3379811	-0.164557109	-0.06327437
##	[646,]	0.3379811	-0.654231096	-0.61528219
##	[647,]	0.3379811	-0.817455758	-1.16729002

##	[648,]	0.3379811	0.978015528	1.59274911
##	[649,]	0.3379811	-0.327781771	-0.06327437
##	[650,]	0.3379811	0.814790866	1.31674520
##	[651,]	-1.0774954	-0.327781771	-0.61528219
##	[652,]	0.3379811	-0.001332446	0.48873346
##	[653,]	0.3379811	0.488341541	-1.16729002
##	[654,]	0.3379811	3.916059453	0.48873346
##	[655,]	0.3379811	-0.327781771	-0.06327437
##	[656,]	1.7534577	-0.491006434	-0.33927828
##	[657,]	-2.4929720	-0.980680421	-1.16729002
##	[658,]	0.3379811	-0.491006434	-0.33927828
##	[659,]	0.3379811	0.161892216	0.76473737
##	[660,]	0.3379811	-0.491006434	-0.61528219
##	[661,]	-1.0774954	-0.980680421	-1.16729002
##	[662,]	1.7534577	-0.980680421	-1.16729002
##	[663,]	-1.0774954	-0.817455758	-0.61528219
##	[664,]	-1.0774954	-0.980680421	-1.16729002
##	[665,]	-1.0774954	1.467689516	1.04074129
##	[666,]	-1.0774954	-0.654231096	-0.61528219
##	[667,]	1.7534577	-0.654231096	-0.61528219
##	[668,]	-1.0774954	-0.001332446	0.76473737
##	[669,]	0.3379811	-0.817455758	-0.61528219
##	[670,]	-2.4929720	-0.817455758	-0.61528219
	-	0.3379811	-0.980680421	
##	[671,]			-0.89128611
##	[672,]	0.3379811	-0.980680421	-1.16729002
##	[673,]	0.3379811	-0.327781771	-0.06327437
##	[674,]	0.3379811	-0.654231096	-0.61528219
##	[675,]	0.3379811	-0.164557109	-1.16729002
##	[676,]	1.7534577	-0.001332446	0.76473737
##	[677,]	-2.4929720	0.488341541	0.48873346
##	[678,]	-1.0774954	3.099936140	1.31674520
##	[679,]	-1.0774954	-1.143905083	-1.16729002
##	[680,]	-1.0774954	0.325116879	1.04074129
##	[681,]	0.3379811	-0.164557109	-0.61528219
##	[682,]	0.3379811	1.304464853	2.14475694
##	[683,]	0.3379811	-0.654231096	-1.16729002
##	[684,]	0.3379811	-0.980680421	-1.16729002
##	[685,]	-1.0774954	-0.980680421	-1.16729002
##	[686,]	0.3379811	-0.001332446	0.76473737
##	[687,]	0.3379811	1.794138841	2.42076085
##	[688,]	0.3379811	0.651566204	1.04074129
##	[689,]	1.7534577	-0.980680421	-1.16729002
##	[690,]	0.3379811	-0.980680421	-1.16729002
##	[691,]	-2.4929720	0.325116879	0.76473737
##	[692,]	0.3379811	-0.980680421	-0.89128611
##	[693,]	1.7534577	0.161892216	0.76473737
##	[694,]	0.3379811	1.467689516	0.76473737
##	[695,]	0.3379811	-0.327781771	-1.16729002
##	[696,]	-2.4929720	1.141240191	-0.89128611
##	[697,]	-1.0774954	0.325116879	0.76473737
##	[698,]	0.3379811	-0.654231096	-0.89128611
##	[699,]	0.3379811	-0.327781771	-0.61528219
##	[700,]	-1.0774954	0.325116879	1.04074129
##	[701,]	0.3379811	-0.980680421	-1.16729002

	<b>7</b>			
##	[702,]	1.7534577	1.630914178	2.42076085
##	[703,]	1.7534577	0.161892216	-0.06327437
##	[704,]	0.3379811	-0.327781771	-0.33927828
##	[705,]	0.3379811	0.488341541	1.31674520
##	[706,]	0.3379811	0.161892216	0.76473737
##	[707,]	-1.0774954	-0.980680421	-1.16729002
##	[708,]	1.7534577	1.957363503	1.59274911
##	[709,]	0.3379811	-0.001332446	0.76473737
##	[710,]	0.3379811	-0.654231096	-0.61528219
##	[711,]	0.3379811	0.488341541	1.04074129
##	[712,]	0.3379811	-1.143905083	-1.16729002
##	[713,]	0.3379811	-0.654231096	-0.61528219
##	[714,]	0.3379811	-0.327781771	-0.33927828
##	[715,]	-1.0774954	-0.327781771	-0.06327437
##	[716,]	0.3379811	-0.164557109	0.21272955
##	[717,]	1.7534577	1.794138841	3.24877259
##	[718,]	0.3379811	-0.817455758	-0.61528219
##	[719,]	0.3379811	0.325116879	1.04074129
##	[720,]	0.3379811	0.325116879	-1.16729002
##	[721,]	0.3379811	-0.327781771	-0.61528219
##	[722,]	0.3379811	0.814790866	1.86875303
##	[723,]	-1.0774954	-0.817455758	-0.89128611
##	[724,]	0.3379811	0.161892216	0.76473737
##	[725,]	0.3379811	-0.491006434	-0.61528219
##	[726,]	-2.4929720	-0.491006434	-0.61528219
##	[727,]	0.3379811	-0.491006434	-0.33927828
##	[728,]	0.3379811	-1.143905083	-1.16729002
##	[729,]	0.3379811	0.488341541	0.76473737
##	[730,]	-1.0774954	1.467689516	1.59274911
##	[731,]	-1.0774954	0.161892216	0.76473737
##	-	0.3379811	-0.980680421	-1.16729002
	[732,]			
##	[733,]	0.3379811 0.3379811	-0.654231096	-0.61528219
##	[734,]		0.161892216	0.76473737
##	[735,]	-1.0774954	-0.491006434	-0.33927828
##	[736,]	0.3379811	-0.817455758	-0.61528219
##	[737,]	0.3379811	1.304464853	1.86875303
##	[738,]	0.3379811	-0.817455758	-0.61528219
##	[739,]	0.3379811	2.283812828	0.48873346
##	[740,]	0.3379811	-0.654231096	-0.61528219
##	[741,]	-1.0774954	-0.654231096	-0.61528219
##	[742,]	1.7534577	-0.980680421	-1.16729002
##	[743,]	0.3379811	-0.980680421	-1.16729002
##	[744,]	0.3379811	-0.327781771	-0.33927828
##	[745,]	-2.4929720	-0.980680421	-1.16729002
##	[746,]	0.3379811	0.161892216	0.76473737
##	[747,]	0.3379811	2.283812828	3.24877259
##	[748,]	0.3379811	-0.980680421	-1.16729002
##	[749,]	0.3379811	-0.817455758	-0.61528219
##	[750,]	0.3379811	4.079284115	2.69676477
##	[751,]	0.3379811	0.814790866	1.86875303
##	[752,]	0.3379811	1.794138841	0.76473737
##	[753,]	0.3379811	1.630914178	2.42076085
##	[754,]	0.3379811	2.283812828	0.48873346
##	[755,]	-1.0774954	-0.817455758	-0.61528219

##	[756,]	1.7534577	0.325116879	-0.33927828
##	[757,]	0.3379811	0.161892216	0.76473737
##	[758,]	-1.0774954	1.304464853	-0.89128611
##	[759,]	-2.4929720	-0.164557109	-0.06327437
##	[760,]	0.3379811	-0.164557109	-0.33927828
##	[761,]	0.3379811	1.304464853	0.76473737
##	[762,]	-1.0774954	-0.980680421	-1.16729002
##	[763,]	0.3379811	-0.654231096	-0.61528219
##	[764,]	0.3379811	-0.980680421	-0.89128611
##	[765,]	0.3379811	-0.980680421	-1.16729002
##	[766,]	0.3379811	-0.817455758	-0.61528219
##	[767,]	-1.0774954	0.161892216	-0.89128611
##	[768,]	-1.0774954	-0.491006434	-0.33927828
##	[769,]	-1.0774954	-0.001332446	0.76473737
##	[770,]	0.3379811	-0.327781771	-0.33927828
##	[771,]	0.3379811	-0.817455758	-0.61528219
##	[772,]	0.3379811	0.325116879	-0.06327437
##	[773,]	0.3379811	-0.327781771	-0.06327437
##	[774,]	-1.0774954	1.141240191	1.04074129
##	[775,]	1.7534577	0.325116879	0.76473737
##	[776,]	0.3379811	-0.980680421	-1.16729002
##	[777,]	0.3379811	-0.817455758	-0.61528219
##	[778,]	-1.0774954	-0.980680421	-1.16729002
##	[779,]	0.3379811	1.467689516	2.42076085
##	[780,]	1.7534577	0.488341541	-1.16729002
##	[781,]	-1.0774954	0.488341541	0.76473737
##	[782,]	0.3379811	-0.327781771	-0.33927828
##	[783,]	-1.0774954	-0.164557109	-0.61528219
##	[784,]	0.3379811	0.488341541	0.48873346
##	[785,]	-1.0774954	1.957363503	1.31674520
##	[786,]	0.3379811	0.651566204	1.59274911
##	[787,]	0.3379811	-0.654231096	-0.61528219
##	[788,]	0.3379811	-0.654231096	-0.61528219
##	[789,]	1.7534577	0.161892216	0.76473737
##	[790,]	0.3379811	2.120588166	0.48873346
##	[791,]	0.3379811	-0.654231096	-0.61528219
##	[792,]	0.3379811	0.161892216	0.76473737
##	[793,]	0.3379811	0.978015528	0.76473737
##	[794,]	-1.0774954	-0.491006434	-0.61528219
##	[795,]	-1.0774954	-0.164557109	-0.61528219
##	[796,]	0.3379811	-0.980680421	-1.16729002
##	[797,]	1.7534577	-0.001332446	0.76473737
##	[798,]	-1.0774954	-0.980680421	-0.89128611
##	[799,]	0.3379811	-0.817455758	-0.61528219
##	[800,]	0.3379811	2.447037491	0.48873346
##	[801,]	0.3379811	-0.980680421	-1.16729002
##	[802,]	0.3379811	-1.143905083	-1.16729002
##	[803,]	0.3379811	-0.654231096	-0.61528219
##	[804,]	0.3379811	-1.143905083	-1.16729002
##	[805,]	-1.0774954	-0.327781771	-0.06327437
##	[806,]	0.3379811	1.304464853	1.59274911
##	[807,]	0.3379811	0.161892216	0.48873346
##	[808,]	0.3379811	0.161892216	0.76473737
##	[809,]	0.3379811	-0.001332446	0.21272955

##	[810,]	-1.0774954	0.325116879	0.76473737
##	[811,]	0.3379811	0.814790866	1.31674520
##	[812,]	0.3379811	-0.980680421	-1.16729002
##	[813,]	0.3379811	0.161892216	0.76473737
##	[814,]	0.3379811	1.794138841	0.76473737
##	[815,]	1.7534577	2.120588166	0.76473737
##	[816,]	1.7534577	-0.817455758	-0.61528219
##	[817,]	-1.0774954	-0.327781771	-0.06327437
##	[818,]	0.3379811	0.651566204	1.31674520
##	[819,]	0.3379811	-0.817455758	-0.61528219
##	[820,]	-2.4929720	-0.327781771	-0.33927828
##	[821,]	0.3379811	-0.327781771	-0.61528219
##	[822,]	0.3379811	0.325116879	1.04074129
##	[823,]	-1.0774954	-0.654231096	-0.61528219
##	[824,]	-1.0774954	-0.001332446	0.21272955
##	[825,]	0.3379811	-0.980680421	-1.16729002
##	[826,]	-1.0774954	0.488341541	0.76473737
##	[827,]	1.7534577	-0.001332446	0.48873346
##	[828,]	0.3379811	-0.654231096	-0.89128611
##	[829,]	0.3379811	-1.143905083	-1.16729002
##	[830,]	0.3379811	-0.327781771	-0.61528219
##	[831,]	0.3379811	-0.980680421	-1.16729002
##	[832,]	-1.0774954	-0.817455758	-0.61528219
##	[833,]	0.3379811	-0.164557109	-0.61528219
	-			
##	[834,]	0.3379811	-0.491006434	-0.61528219
##	[835,]	-1.0774954	-0.164557109	0.21272955
##	[836,]	-2.4929720	-0.327781771	-0.06327437
##	[837,]	-2.4929720	0.651566204	1.04074129
##	[838,]	-1.0774954	1.794138841	0.76473737
##	[839,]	-1.0774954	2.283812828	1.31674520
##	[840,]	1.7534577	-0.164557109	-0.06327437
##	[841,]	0.3379811	0.161892216	-1.16729002
##	[842,]	0.3379811	-0.491006434	-0.33927828
##	[843,]	-1.0774954	-0.980680421	-0.89128611
##	[844,]	0.3379811	0.161892216	0.76473737
##	[845,]	0.3379811	0.488341541	-0.33927828
##	[846,]	-2.4929720	-0.980680421	-0.89128611
##	[847,]	1.7534577	-0.001332446	0.76473737
##	[848,]	0.3379811	0.978015528	1.31674520
##	[849,]	1.7534577	-0.817455758	-0.61528219
##	[850,]	-1.0774954	-0.491006434	-0.33927828
##	[851,]	0.3379811	-0.980680421	-1.16729002
##	[852,]	0.3379811	-0.327781771	-0.61528219
##	[853,]	0.3379811	0.488341541	1.04074129
##	[854,]	0.3379811	-0.980680421	-0.89128611
##	[855,]	-1.0774954	-0.654231096	-0.61528219
##	[856,]	-1.0774954	1.141240191	1.04074129
##	[857,]	-1.0774954	-0.817455758	-0.61528219
##	[858,]	0.3379811	-0.164557109	-0.06327437
##	[859,]	0.3379811	-0.001332446	0.76473737
##	[860,]	-1.0774954	-0.327781771	-0.06327437
##	[861,]	0.3379811	-1.143905083	-1.16729002
##	[862,]	0.3379811	3.099936140	2.97276868
##	[863,]	0.3379811	-1.143905083	-1.16729002
πĦ	[000,]	0.0013011	1.140900000	1.10123002

##	[864,]	0.3379811	-0.327781771	-0.06327437
##	[865,]	-2.4929720	-0.980680421	-1.16729002
##	[866,]	0.3379811	-0.491006434	-0.33927828
##	[867,]	0.3379811	-1.143905083	-1.16729002
##	[868,]	0.3379811	-0.817455758	-0.61528219
##	[869,]	0.3379811	-0.164557109	0.21272955
##	[870,]	0.3379811	-0.491006434	-0.61528219
##	[871,]	0.3379811	-0.001332446	0.76473737
##	[872,]	-2.4929720	-0.980680421	-1.16729002
##	[873,]	-1.0774954	0.488341541	0.76473737
##	[874,]	0.3379811	-0.001332446	0.76473737
##	-		0.488341541	
	[875,]	-1.0774954		0.76473737
##	[876,]	0.3379811	2.120588166	1.86875303
##	[877,]	0.3379811	-0.817455758	-0.89128611
##	[878,]	-1.0774954	-0.164557109	-0.33927828
##	[879,]	1.7534577	-0.491006434	-0.33927828
##	[880,]	0.3379811	0.651566204	0.76473737
##	[881,]	0.3379811	-0.817455758	-0.61528219
##	[882,]	0.3379811	0.161892216	0.76473737
##	[883,]	0.3379811	-0.001332446	0.76473737
##	[884,]	0.3379811	1.141240191	1.59274911
##	[885,]	1.7534577	-0.327781771	-0.89128611
##	[886,]	0.3379811	-0.491006434	-0.33927828
##	[887,]	0.3379811	0.651566204	1.31674520
##	[888,]	0.3379811	-0.980680421	-1.16729002
##	[889,]	-1.0774954	0.978015528	-0.61528219
##	[890,]	-1.0774954	0.325116879	0.76473737
##	[891,]	-2.4929720	-0.327781771	-0.06327437
##	[892,]	0.3379811	0.488341541	0.21272955
##	[893,]	1.7534577	-0.980680421	-0.89128611
##	[894,]	0.3379811	-0.654231096	-0.61528219
##	[895,]	0.3379811	0.488341541	1.31674520
##	[896,]	-1.0774954	-0.164557109	0.21272955
##	[897,]	0.3379811	0.488341541	1.31674520
##	[898,]	0.3379811	-0.164557109	-0.89128611
##	[899,]	0.3379811	0.161892216	0.76473737
##	[900,]	1.7534577	-0.980680421	-1.16729002
##	[901,]	-1.0774954	0.651566204	1.59274911
##	[902,]	-1.0774954	-0.980680421	-1.16729002
##	[903,]	0.3379811	-0.327781771	-0.33927828
##	[904,]	0.3379811	-0.164557109	-1.16729002
##	[905,]	1.7534577	-0.980680421	-1.16729002
##	[906,]	-1.0774954	-0.001332446	0.76473737
##	[907,]	-1.0774954	-0.980680421	-1.16729002
##	[908,]	0.3379811	2.447037491	1.31674520
##	[909,]	0.3379811	0.325116879	1.04074129
##	[910,]	0.3379811	-0.980680421	-1.16729002
##	[911,]	0.3379811	-0.980680421	-1.16729002
##	[912,]	0.3379811	-0.980680421	-1.16729002
##	[913,]	-1.0774954	0.161892216	0.21272955
##	[914,]	0.3379811	2.773486815	1.59274911
##	[914,]	0.3379811	4.242508778	1.31674520
##	[916,]	-2.4929720	-0.817455758	-0.61528219
##	[917,]	0.3379811	0.651566204	-0.06327437
##	[311,]	0.3319011	0.001000204	-0.00321431

##	[918,]	0.3379811	-0.654231096	-0.61528219
##	[919,]	-1.0774954	3.589610128	1.59274911
##	[920,]	-1.0774954	0.325116879	0.76473737
	[921,]			
##		1.7534577	0.651566204	1.04074129 -0.61528219
##	[922,] [923,]	-1.0774954	-0.491006434	
##		-1.0774954	2.936711478	1.31674520
##	[924,]	1.7534577	0.488341541	1.31674520
##	[925,] [926,]	0.3379811 0.3379811	-0.654231096	-0.61528219
##	- /-	1.7534577	-0.980680421	-1.16729002 0.76473737
##	[927,]		2.283812828	
##	[928,]	0.3379811	1.467689516	2.69676477
##	[929,]	0.3379811	0.488341541	0.76473737
##	[930,]	0.3379811	-0.817455758	-0.61528219
##	[931,]	-1.0774954	-0.001332446	-1.16729002
##	[932,]	0.3379811	0.161892216	-0.06327437
##	[933,]	0.3379811	-0.001332446	0.76473737
##	[934,]	-1.0774954	-0.654231096	-0.61528219
##	[935,]	-1.0774954	-0.817455758	-0.61528219
##	[936,]	1.7534577	0.488341541	0.76473737
##	[937,]	0.3379811	-1.143905083	-1.16729002
##	[938,]	0.3379811	1.957363503	1.31674520
##	[939,]	0.3379811	-0.817455758	-0.61528219
##	[940,]	0.3379811	0.488341541	-0.06327437
##	[941,]	0.3379811	-0.327781771	-0.61528219
##	[942,]	0.3379811	0.325116879	-0.61528219
##	[943,]	0.3379811	-0.001332446	0.76473737
##	[944,]	1.7534577	-0.001332446	0.48873346
##	[945,]	0.3379811	0.325116879	1.04074129
##	[946,]	0.3379811	-0.654231096	-0.61528219
##	[947,]	0.3379811	-0.327781771	-0.06327437
##	[948,]	-1.0774954	0.161892216	0.76473737
##	[949,]	0.3379811	0.325116879	-0.89128611
##	[950,]	0.3379811	0.161892216	0.76473737
##	[951,]	-1.0774954	0.488341541	1.04074129
##	[952,]	0.3379811	1.957363503	-0.61528219
##	[953,]	1.7534577	-0.654231096	-0.61528219
##	[954,]	1.7534577	-0.654231096	-0.61528219
##	[955,]	-1.0774954	2.120588166	1.04074129
##	[956,]	0.3379811	1.957363503	1.31674520
##	[957,]	0.3379811	-0.001332446	-0.33927828
##	[958,]	0.3379811	-0.491006434	-0.61528219
##	[959,]	-1.0774954	0.325116879	0.76473737
##	[960,]	0.3379811	0.325116879	1.04074129
##	[961,]	0.3379811	0.325116879	-0.33927828
##	[962,]	0.3379811	0.325116879	0.48873346
##	[963,]	0.3379811	4.242508778	1.31674520
##	[964,]	0.3379811	-0.001332446	0.76473737
##	[965,]	1.7534577	0.488341541	1.04074129
##	[966,]	-1.0774954	-0.654231096	-0.61528219
##	[967,]	-1.0774954	0.488341541	1.31674520
##	[968,]	0.3379811	-0.491006434	-0.61528219
##	[969,]	-1.0774954	1.304464853	0.76473737
##	[970,]	0.3379811	0.488341541	1.31674520
##	[971,]	0.3379811	-0.980680421	-1.16729002

##	[972,]	-1.0774954	-0.327781771	-0.61528219
##	[973,]	1.7534577	-1.143905083	-1.16729002
##	[974,]	0.3379811	0.325116879	0.76473737
##	[975,]	0.3379811	-0.164557109	-0.61528219
##	[976,]	-1.0774954	1.957363503	0.76473737
##	[977,]	0.3379811	1.957363503	3.24877259
##	[978,]	0.3379811	-0.327781771	-0.06327437
##	[979,]	0.3379811	0.814790866	1.86875303
##	[980,]	0.3379811	0.161892216	0.76473737
##	[981,]	1.7534577	-0.980680421	-1.16729002
##	[982,]	-1.0774954	-0.491006434	-0.61528219
##	[983,]	0.3379811	-0.491006434	-0.61528219
##	[984,]	1.7534577	1.141240191	1.86875303
##	[985,]	0.3379811	-0.327781771	-0.33927828
##	[986,]	-1.0774954	0.488341541	-0.61528219
##	[987,]	1.7534577	-0.327781771	-0.06327437
##	[988,]	0.3379811	-0.491006434	-0.61528219
##	[989,]	-1.0774954	-0.164557109	-0.61528219
##	[990,]	0.3379811	-0.164557109	-0.06327437
##	[991,]	1.7534577	-0.327781771	-0.06327437
##	[992,]	-1.0774954	-0.654231096	-0.61528219
##	[993,]	0.3379811	-0.164557109	-0.06327437
##	[994,]	-1.0774954	-0.654231096	-0.61528219
##	[995,]	-1.0774954	-0.327781771	-0.33927828
##	[996,]	-2.4929720	2.120588166	0.76473737
##	[997,]	0.3379811	-0.164557109	-0.61528219
##	[998,]	0.3379811	0.161892216	-0.61528219
##	[999,]	0.3379811	-0.491006434	-0.33927828
##	[1000,]	0.3379811	2.120588166	0.76473737
##	[1001,]	-2.4929720	-0.327781771	-0.06327437
##	[1002,]	0.3379811	-0.654231096	-0.61528219
##	[1003,]	0.3379811	-0.817455758	-0.61528219
##	[1004,]	-1.0774954	-0.654231096	-0.61528219
##	[1005,]	0.3379811	-0.001332446	0.76473737
##	[1006,]	-1.0774954	0.488341541	1.31674520
##	[1007,]	0.3379811	-0.491006434	-0.33927828
##	[1008,]	0.3379811	0.161892216	0.76473737
##	[1009,]	-1.0774954	2.120588166	0.76473737
##	[1010,]	0.3379811	0.325116879	1.04074129
##	[1011,]	1.7534577	-0.001332446	0.76473737
##	[1012,]	0.3379811	-0.327781771	-0.06327437
##	[1013,]	0.3379811	-0.980680421	-1.16729002
##	[1014,]	0.3379811	-0.654231096	-0.61528219
##	[1014,]	1.7534577	-0.654231096	-0.61528219
##	[1016,]	0.3379811	-0.491006434	-0.33927828
##	[1017,]	1.7534577	-0.980680421	-1.16729002
##	[1018,]	1.7534577	-0.327781771	-1.16729002
##	[1019,]	-1.0774954	0.488341541	-0.06327437
##	[1020,]	-1.0774954	-0.654231096	-0.61528219
##	[1020,]	-1.0774954	-0.164557109	0.21272955
##	[1021,]	0.3379811	-0.654231096	-0.61528219
##	[1022,]	-2.4929720	-0.164557109	0.21272955
##	[1023,]	1.7534577	-0.654231096	-0.61528219
##	[1024,]	1.7534577	2.120588166	3.52477651
##	[1020,]	1.1334311	2.12000100	3.32411031

##	[1026,]	0.3379811	-0.327781771	-0.06327437
##	[1027,]	-1.0774954	-0.491006434	-0.33927828
##	[1027,]	-1.0774954	-0.327781771	-0.06327437
	[1029,]	-1.0774954	-0.491006434	-0.61528219
##				
##	[1030,]	1.7534577	0.161892216	0.76473737
##	[1031,]	0.3379811	0.978015528	0.76473737
##	[1032,]	1.7534577	-0.001332446	0.76473737
##	[1033,]	1.7534577	-0.980680421	-1.16729002
##	[1034,]	0.3379811	0.488341541	1.04074129
##	[1035,]	0.3379811	-0.001332446	0.76473737
##	[1036,]	0.3379811	-0.654231096	-0.61528219
##	[1037,]	-2.4929720	-0.817455758	-0.61528219
##	[1038,]	1.7534577	-0.654231096	-0.89128611
##	[1039,]	0.3379811	-0.817455758	-0.61528219
##	[1040,]	0.3379811	-0.817455758	-0.61528219
##	[1041,]	0.3379811	0.325116879	1.04074129
##	[1042,]	0.3379811	-0.327781771	-0.06327437
##	[1043,]	0.3379811	-0.327781771	-0.61528219
##	[1044,]	-1.0774954	0.325116879	1.04074129
##	[1045,]	-1.0774954	-0.654231096	-0.61528219
##	[1046,]	1.7534577	-0.654231096	-0.89128611
##	[1047,]	-1.0774954	-0.327781771	-0.61528219
##	[1048,]	0.3379811	-0.491006434	-0.33927828
##	[1049,]	0.3379811	0.978015528	1.31674520
##	[1050,]	-1.0774954	-0.817455758	-0.89128611
##	[1051,]	0.3379811	0.814790866	1.31674520
##	[1052,]	-1.0774954	-0.980680421	-1.16729002
##	[1053,]	-1.0774954	-0.980680421	-1.16729002
##	[1054,]	-1.0774954	0.814790866	1.31674520
##	[1055,]	0.3379811	0.161892216	0.76473737
##	[1056,]	-1.0774954	1.141240191	1.04074129
##	[1057,]	1.7534577	-0.654231096	-0.61528219
##	[1058,]	-2.4929720	-0.327781771	-0.33927828
##	[1059,]	1.7534577	1.304464853	1.31674520
##	[1060,]	0.3379811	-0.980680421	-1.16729002
##	[1061,]	-1.0774954	-1.143905083	-1.16729002
##	[1062,]	0.3379811	-0.980680421	-1.16729002
##	[1063,]	-1.0774954	-0.817455758	-0.61528219
##	[1064,]	0.3379811	0.488341541	0.76473737
##	[1065,]	1.7534577	-0.327781771	-0.33927828
##	[1066,]	0.3379811	-0.654231096	-0.61528219
##	[1067,]	0.3379811	-0.327781771	-0.06327437
##	[1068,]	-1.0774954	-0.327781771	-0.06327437
##	[1069,]	-1.0774954	-1.143905083	-1.16729002
##	[1070,]	-2.4929720	-0.980680421	-1.16729002
##	[1071,]	0.3379811	-0.491006434	-0.61528219
##	[1072,]	0.3379811	-0.654231096	-0.61528219
##	[1073,]	0.3379811	-0.654231096	-0.61528219
##	[1074,]	-1.0774954	0.161892216	0.48873346
##	[1075,]	0.3379811	-1.143905083	-1.16729002
##	[1076,]	1.7534577	-0.327781771	-0.61528219
##	[1077,]	0.3379811	1.141240191	1.31674520
##	[1078,]	-2.4929720	0.325116879	0.76473737
##	[1079,]	1.7534577	2.120588166	0.48873346
	, , , ,	21.001011		5.155.5510

##	[1080,]	0.3379811	-0.817455758	-1.16729002
##	[1081,]	1.7534577	0.978015528	2.14475694
##	[1082,]	-2.4929720	0.651566204	1.04074129
##	[1083,]	0.3379811	-0.491006434	-0.33927828
##	[1084,]	-2.4929720	-0.327781771	-0.06327437
##	[1085,]	0.3379811	0.488341541	1.31674520
##	[1086,]	-2.4929720	-0.001332446	-0.61528219
##	[1087,]	0.3379811	4.079284115	0.48873346
##	[1087,]	0.3379811	0.651566204	1.59274911
				-1.16729002
##	[1089,]	0.3379811	-0.980680421	
##	[1090,]	0.3379811	0.488341541	1.04074129
##	[1091,]	0.3379811	-0.001332446	0.76473737
##	[1092,]	0.3379811	-0.327781771	-0.33927828
##	[1093,]	0.3379811	-0.327781771	-0.06327437
##	[1094,]	-2.4929720	2.120588166	1.04074129
##	[1095,]	1.7534577	0.161892216	-0.06327437
##	[1096,]	0.3379811	1.304464853	2.69676477
##	[1097,]	0.3379811	2.283812828	0.76473737
##	[1098,]	0.3379811	-0.980680421	-0.89128611
##	[1099,]	0.3379811	-0.817455758	-0.61528219
##	[1100,]	0.3379811	0.488341541	1.04074129
##	[1101,]	0.3379811	-0.327781771	-0.33927828
##	[1102,]	0.3379811	-0.001332446	-0.89128611
##	[1102,]	-1.0774954	-0.654231096	-0.61528219
##	[1104,]	0.3379811	0.161892216	0.76473737
	-			
##	[1105,]	-1.0774954	-0.980680421	-1.16729002
##	[1106,]	-2.4929720	-0.817455758	-0.61528219
##	[1107,]	0.3379811	0.488341541	1.04074129
##	[1108,]	0.3379811	-0.164557109	-0.33927828
##	[1109,]	0.3379811	-0.654231096	-1.16729002
##	[1110,]	0.3379811	-0.491006434	-0.61528219
##	[1111,]	0.3379811	-0.980680421	-1.16729002
##	[1112,]	0.3379811	4.242508778	0.76473737
##	[1113,]	0.3379811	-0.327781771	-0.61528219
##	[1114,]	-1.0774954	-0.164557109	0.21272955
##	[1115,]	-1.0774954	0.161892216	-0.61528219
##	[1116,]	-2.4929720	-0.980680421	-1.16729002
##	[1117,]	0.3379811	4.732182765	0.48873346
##	[1118,]	-1.0774954	-0.817455758	-0.61528219
##	[1119,]	0.3379811	-0.980680421	-1.16729002
##	[1120,]	0.3379811	0.325116879	1.04074129
##	[1121,]	1.7534577	-0.654231096	-0.61528219
##	[1122,]	0.3379811	-0.980680421	-1.16729002
##	[1123,]	0.3379811	0.488341541	1.31674520
##	[1124,]	0.3379811	-0.327781771	-0.61528219
##	[1125,]	0.3379811	-0.001332446	0.48873346
##	[1126,]	1.7534577	-0.164557109	-0.06327437
##	[1127,]	0.3379811	-0.980680421	-1.16729002
##	[1128,]	0.3379811	-0.817455758	-0.61528219
##	[1129,]	0.3379811	-0.654231096	-0.61528219
##	[1130,]	0.3379811	-0.980680421	-1.16729002
##	[1131,]	-1.0774954	0.488341541	1.31674520
##	[1132,]	-1.0774954	0.161892216	-0.61528219
##	[1133,]	0.3379811	-0.327781771	-0.06327437

##	[1134,]	0.3379811	-0.164557109	-0.06327437
##	[1135,]	-1.0774954	-0.980680421	-1.16729002
##	[1136,]	-2.4929720	3.099936140	-1.16729002
##	[1137,]	0.3379811	-0.980680421	-0.89128611
##	[1138,]	-1.0774954	-0.491006434	-0.61528219
##	[1139,]	0.3379811	3.752834790	1.04074129
##	[1140,]	0.3379811	-0.654231096	-0.61528219
##	[1141,]	-1.0774954	2.447037491	0.76473737
##	[1142,]	-1.0774954	-0.164557109	-0.06327437
##	[1143,]	0.3379811	0.488341541	0.76473737
##	[1144,]	0.3379811	0.488341541	0.76473737
##	[1145,]	0.3379811	-0.327781771	-0.61528219
	-			
##	[1146,]	0.3379811	-0.654231096	-0.61528219
##	[1147,]	0.3379811	0.325116879	0.76473737
##	[1148,]	-1.0774954	0.325116879	0.48873346
##	[1149,]	0.3379811	-0.001332446	0.76473737
##	[1150,]	0.3379811	-0.001332446	0.76473737
##	[1151,]	0.3379811	1.467689516	2.97276868
##	[1152,]	-1.0774954	-0.327781771	-0.33927828
##	[1153,]	0.3379811	-0.817455758	-0.61528219
##	[1154,]	1.7534577	-1.143905083	-1.16729002
##	[1155,]	0.3379811	-0.327781771	-0.61528219
##	[1156,]	0.3379811	0.488341541	1.04074129
##	[1157,]	0.3379811	1.794138841	2.97276868
##	[1158,]	0.3379811	1.141240191	1.86875303
##	[1159,]	-1.0774954	-0.491006434	-0.33927828
##	[1160,]	-2.4929720	0.325116879	-0.61528219
##	[1161,]	0.3379811	0.488341541	0.76473737
##	[1162,]	1.7534577	-0.327781771	-0.06327437
##	[1163,]	0.3379811	0.978015528	2.14475694
##	[1164,]	-2.4929720	0.161892216	-0.06327437
	-			
##	[1165,]	-1.0774954	-0.491006434	-0.61528219
##	[1166,]	0.3379811	0.488341541	0.76473737
##	[1167,]	0.3379811	-0.817455758	-0.61528219
##	[1168,]	-1.0774954	-0.817455758	-0.61528219
##	[1169,]	0.3379811	-0.164557109	-0.33927828
##	[1170,]	0.3379811	-0.654231096	-0.61528219
##	[1171,]	-1.0774954	-0.491006434	-0.61528219
##	[1172,]	-2.4929720	-0.491006434	-0.61528219
##	[1173,]	0.3379811	-0.327781771	-0.61528219
##	[1174,]	0.3379811	-0.654231096	-0.61528219
##	[1175,]	0.3379811	-0.001332446	0.76473737
##	[1176,]	0.3379811	-0.327781771	-0.06327437
##	[1177,]	0.3379811	-0.491006434	-0.61528219
##	[1178,]	0.3379811	1.141240191	1.86875303
##	[1179,]	0.3379811	-0.817455758	-0.61528219
##	[1180,]	0.3379811	0.651566204	1.04074129
##	[1181,]	0.3379811	-0.491006434	-0.33927828
##	[1182,]	0.3379811	1.304464853	1.86875303
##	[1183,]	0.3379811	-0.654231096	-0.61528219
##	[1184,]	0.3379811	-0.327781771	-0.06327437
##	[1185,]	0.3379811	0.488341541	1.04074129
##	[1186,]	0.3379811	1.141240191	1.59274911
##	[1187,]	1.7534577	0.651566204	1.31674520
##	[1101,]	1.1004011	0.001000204	1.31074320

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##	[1188,]	1.7534577	0.978015528	1.86875303
##	[1189,]	-1.0774954	0.488341541	-1.16729002
##	[1190,]	0.3379811	-0.164557109	-0.61528219
##	[1191,]	-1.0774954	0.325116879	0.21272955
##	[1192,]	0.3379811	0.488341541	-1.16729002
##	[1193,]	-1.0774954	-0.817455758	-0.61528219
##	[1194,]	0.3379811	-0.491006434	-0.33927828
##	[1195,]	0.3379811	-0.654231096	-0.61528219
##	[1196,]	0.3379811	0.161892216	0.76473737
##	[1197,]	0.3379811	-0.817455758	-1.16729002
##	[1198,]	0.3379811	-0.817455758	-0.61528219
	-			
##	[1199,]	0.3379811	-0.164557109	0.21272955
##	[1200,]	-1.0774954	-0.654231096	-0.61528219
##	[1201,]	0.3379811	-0.817455758	-0.61528219
##	[1202,]	0.3379811	-0.327781771	-0.06327437
##	[1203,]	-1.0774954	-1.143905083	-1.16729002
##	[1204,]	0.3379811	-0.491006434	-0.33927828
##	[1205,]	0.3379811	0.325116879	0.76473737
##	[1206,]	0.3379811	-0.980680421	-1.16729002
##	[1207,]	0.3379811	-0.001332446	0.76473737
##	[1208,]	0.3379811	-0.491006434	-0.61528219
##	[1209,]	1.7534577	1.304464853	1.59274911
##	[1210,]	1.7534577	-0.980680421	-1.16729002
##	[1211,]	0.3379811	1.141240191	1.86875303
##	[1212,]	-1.0774954	-0.164557109	-0.33927828
##	[1213,]	0.3379811	0.488341541	1.31674520
##	[1214,]	0.3379811	-0.654231096	-0.61528219
##	[1215,]	0.3379811	0.161892216	0.76473737
##	[1216,]	1.7534577	-0.327781771	-0.06327437
##	[1217,]	0.3379811	0.488341541	1.31674520
##	[1218,]	0.3379811	-0.327781771	-0.33927828
##	[1219,]	0.3379811	0.488341541	1.04074129
##	[1220,]	0.3379811	-0.327781771	-0.33927828
##	[1221,]	-1.0774954	0.978015528	0.76473737
##	[1222,]	-1.0774954	2.610262153	2.97276868
##	[1223,]	0.3379811	-0.980680421	-1.16729002
##	[1224,]	-2.4929720	2.610262153	0.21272955
##	[1225,]	1.7534577	-0.654231096	-0.61528219
##	[1226,]	0.3379811	2.283812828	0.48873346
##	[1227,]	-1.0774954	-0.327781771	-0.61528219
##	[1228,]	1.7534577	-0.327781771	-0.61528219
##	[1229,]	0.3379811	-0.654231096	-0.61528219
##	[1230,]	0.3379811	-0.980680421	-1.16729002
##	[1231,]	1.7534577	-0.164557109	-0.61528219
##	[1232,]	0.3379811	0.488341541	0.76473737
##	[1233,]	0.3379811	-0.001332446	0.76473737
##	[1234,]	-1.0774954	0.488341541	-1.16729002
##	[1235,]	-2.4929720	-0.980680421	-1.16729002
##	[1236,]	-1.0774954	0.488341541	0.48873346
##	[1237,]	0.3379811	-0.817455758	-0.61528219
##	[1238,]	0.3379811	-1.143905083	-1.16729002
##	[1239,]	-2.4929720	-0.654231096	-0.61528219
##	[1240,]	-1.0774954	-0.327781771	-0.06327437
##	[1241,]	0.3379811	0.325116879	1.04074129

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##	[1242,]	-2.4929720	-0.491006434	-0.33927828
##	[1243,]	-1.0774954	2.283812828	1.04074129
##	[1244,]	1.7534577	-0.327781771	-1.16729002
##	[1245,]	0.3379811	0.325116879	0.76473737
##	[1246,]	0.3379811	-0.817455758	-0.61528219
##	[1247,]	-1.0774954	-0.491006434	-0.61528219
##	[1248,]	0.3379811	-0.327781771	-0.61528219
##	[1249,]	-1.0774954	-0.164557109	-0.61528219
##	[1250,]	0.3379811	-0.817455758	-0.61528219
##	[1251,]	1.7534577	-0.654231096	-0.61528219
##	[1252,]	0.3379811	-0.001332446	0.76473737
##	[1253,]	0.3379811	-0.327781771	-1.16729002
##	[1254,]	-1.0774954	0.651566204	0.76473737
##	[1255,]	1.7534577	-0.327781771	-0.89128611
##	[1256,]	-1.0774954	-1.143905083	-1.16729002
##	[1257,]	-1.0774954	-0.164557109	-0.89128611
##	[1258,]	0.3379811	-0.980680421	-1.16729002
##	[1259,]	0.3379811	-0.980680421	-1.16729002
##	[1260,]	0.3379811	-0.001332446	-1.16729002
##	[1261,]	0.3379811	-0.001332446	0.76473737
##	[1262,]	0.3379811	-0.980680421	-1.16729002
##	[1263,]	0.3379811	-0.980680421	-1.16729002
##	[1264,]	-1.0774954	-0.327781771	-0.33927828
##	[1265,]	0.3379811	-0.980680421	-1.16729002
##	[1266,]	-1.0774954	0.325116879	1.04074129
##	[1267,]	0.3379811	-0.327781771	-0.33927828
##	[1268,]	0.3379811	1.304464853	2.69676477
##	[1269,]	-1.0774954	-0.654231096	-0.61528219
##	[1270,]	0.3379811	0.325116879	0.76473737
##	[1271,]	0.3379811	-0.817455758	-0.61528219
##	[1272,]	0.3379811	-0.980680421	-1.16729002
##	[1273,]	0.3379811	-0.327781771	-0.06327437
##	[1274,]	0.3379811	-0.980680421	-1.16729002
##	[1275,]	0.3379811	0.814790866	0.76473737
##	[1276,]	0.3379811	-0.817455758	-0.61528219
##	[1277,]	0.3379811	-0.327781771	-0.61528219
##	[1277,]	0.3379811	-0.817455758	-0.89128611
##	[1279,]	0.3379811	0.814790866	1.04074129
##	[1280,]	-1.0774954	-0.327781771	-0.33927828
##		-1.0774954	0.488341541	-1.16729002
	[1281,]			
##	[1282,]	0.3379811 0.3379811	0.488341541 0.488341541	0.76473737
##	[1283,]			1.04074129
##	[1284,]	1.7534577	-0.327781771	-0.33927828
##	[1285,]	0.3379811	-0.491006434	-0.33927828
##	[1286,]	0.3379811	-0.817455758	-0.61528219
##	[1287,]	-1.0774954	-0.491006434	-0.33927828
##	[1288,]	-1.0774954	-1.143905083	-1.16729002
##	[1289,]	0.3379811	-0.001332446	0.76473737
##	[1290,]	0.3379811	0.651566204	1.59274911
##	[1291,]	-1.0774954	-0.001332446	-0.89128611
##	[1292,]	-2.4929720	0.488341541	-0.33927828
##	[1293,]	0.3379811	-0.817455758	-0.89128611
##	[1294,]	-1.0774954	-0.654231096	-0.61528219
##	[1295,]	-2.4929720	-0.654231096	-0.61528219

##	[1296,]	1.7534577	2.447037491	2.69676477
##	[1297,]	0.3379811	-0.001332446	0.76473737
##	[1298,]	0.3379811	-0.327781771	-0.89128611
##	[1299,]	1.7534577	0.325116879	0.76473737
##	[1300,]	0.3379811	-0.327781771	-0.33927828
##	[1301,]	0.3379811	0.488341541	1.04074129
##	[1302,]	-1.0774954	1.467689516	1.31674520
	-			
##	[1303,]	1.7534577	-0.327781771	-0.06327437
##	[1304,]	0.3379811	2.447037491	1.86875303
##	[1305,]	0.3379811	-0.001332446	-0.06327437
##	[1306,]	-1.0774954	-0.001332446	-0.89128611
##	[1307,]	0.3379811	-0.654231096	-0.61528219
##	[1308,]	0.3379811	-0.654231096	-0.61528219
##	[1309,]	-1.0774954	-0.491006434	-0.61528219
##	[1310,]	0.3379811	-0.327781771	-0.33927828
##	[1311,]	0.3379811	-0.817455758	-0.61528219
##	[1312,]	-2.4929720	-1.143905083	-1.16729002
##	[1313,]	0.3379811	-0.980680421	-1.16729002
##	[1314,]	0.3379811	-0.817455758	-0.61528219
##	[1315,]	1.7534577	0.161892216	0.76473737
##	[1316,]	0.3379811	-0.980680421	-1.16729002
##	[1317,]	0.3379811	-0.001332446	0.76473737
##	[1318,]	-1.0774954	-0.327781771	-0.06327437
##	[1319,]	1.7534577	0.651566204	1.04074129
	-			
##	[1320,]	1.7534577	-1.143905083	-1.16729002
##	[1321,]	-1.0774954	-0.164557109	-0.33927828
##	[1322,]	0.3379811	-0.817455758	-0.61528219
##	[1323,]	-1.0774954	0.325116879	1.04074129
##	[1324,]	0.3379811	-0.654231096	-0.61528219
##	[1325,]	0.3379811	-0.001332446	-1.16729002
##	[1326,]	0.3379811	-1.143905083	-1.16729002
##	[1327,]	-1.0774954	-0.817455758	-0.61528219
##	[1328,]	0.3379811	1.957363503	3.52477651
##	[1329,]	0.3379811	0.325116879	1.04074129
##	[1330,]	0.3379811	-0.980680421	-1.16729002
##	[1331,]	0.3379811	1.467689516	2.14475694
##	[1332,]	0.3379811	2.447037491	1.59274911
##	[1333,]	-1.0774954	-0.980680421	-1.16729002
##	[1334,]	0.3379811	0.161892216	0.76473737
##	[1335,]	-1.0774954	-0.001332446	0.48873346
##	[1336,]	0.3379811	-0.817455758	-0.61528219
##	[1337,]	1.7534577	-0.327781771	-0.61528219
	[1338,]			
##		0.3379811	-0.980680421	-1.16729002
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##	[1340,]	0.3379811	-0.980680421	-1.16729002
##	[1341,]	0.3379811	0.488341541	1.31674520
##	[1342,]	0.3379811	0.488341541	1.04074129
##	[1343,]	0.3379811	-0.327781771	-0.33927828
##	[1344,]	0.3379811	-0.654231096	-0.61528219
##	[1345,]	0.3379811	-0.327781771	-0.33927828
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##	[1349,]	0.3379811	1.957363503	0.76473737

##	[1350,]	-1.0774954	-0.980680421	-1.16729002
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##	[1352,]	0.3379811	2.447037491	3.52477651
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##	[1354,]	0.3379811	-0.327781771	-0.61528219
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##	[1360,]	-1.0774954	-0.491006434	-0.61528219
##	[1361,]	-1.0774954	-0.817455758	-0.61528219
##	[1362,]	0.3379811	-0.001332446	0.76473737
##	[1363,]	0.3379811	-0.491006434	-0.61528219
##	[1364,]	-1.0774954	0.488341541	-0.06327437
##	[1365,]	0.3379811	-0.001332446	0.76473737
##	[1366,]	0.3379811	-0.980680421	-1.16729002
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##	[1368,]	-1.0774954	-0.327781771	-0.33927828
##	[1369,]	0.3379811	1.304464853	1.59274911
##	[1370,]	0.3379811	-0.817455758	-1.16729002
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##	[1372,]	0.3379811	-1.143905083	-1.16729002
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##	[1374,]	0.3379811	2.120588166	1.86875303
##	[1375,]	-1.0774954	-0.980680421	-1.16729002
##	[1376,]	0.3379811	-0.491006434	-0.89128611
##	[1377,]	1.7534577	-0.327781771	-0.61528219
##	[1378,]	0.3379811	-0.327781771	-0.06327437
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##	[1381,]	-2.4929720	-0.327781771	-0.33927828
##	-	-1.0774954	-0.327781771	-0.33927828
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##	[1386,]	-1.0774954	0.161892216	0.76473737
##	[1387,]	-1.0774954	-0.001332446	0.76473737
##	[1388,]	-1.0774954	-0.327781771	-0.33927828
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##	[1392,]	-1.0774954	-0.980680421	-1.16729002
##	[1393,]	0.3379811	0.488341541	1.04074129
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##	[1395,]	0.3379811	-0.980680421	-1.16729002
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##	[1397,]	-1.0774954	-0.817455758	-0.61528219
##	[1398,]	-1.0774954	-0.491006434	-0.33927828
##	[1399,]	0.3379811	0.325116879	0.76473737
##	[1400,]	0.3379811	0.488341541	1.31674520
##	[1401,]	0.3379811	-0.164557109	-0.61528219
##	[1402,]	0.3379811	0.488341541	1.31674520
##	[1403,]	0.3379811	-0.980680421	-1.16729002

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##	[1436,]	0.3379811	-0.491006434	-0.33927828
##	[1437,]	0.3379811	-0.817455758	-0.61528219
##	[1438,]	-1.0774954	-0.164557109	-1.16729002
##	[1439,]	-1.0774954	-0.980680421	-1.16729002
##	[1440,]	0.3379811	0.325116879	0.76473737
##	[1441,]	0.3379811	-0.491006434	-0.61528219
##	[1442,]	-1.0774954	0.978015528	2.14475694
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##	[1448,]	-1.0774954	1.304464853	2.14475694
##	[1449,]	0.3379811	-0.327781771	-0.06327437
##	[1450,]	0.3379811	-0.491006434	-0.61528219
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##	[1452,]	0.3379811	0.488341541	0.76473737
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##	[1456,]	0.3379811	-0.817455758	-0.61528219
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##
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##
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##	[59,]	-0.36858985	0.8062671
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##	[68,]	-0.67891464	-1.1555415
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	[93,]		
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##	[97,]	-0.67891464	-0.5950247
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##	[99,]	-0.36858985	1.0865255
##	[100,]	-0.36858985	-0.5950247
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##	[133,]	-0.05826506	-0.5950247
##	[134,]	-0.67891464	0.8062671
##	[135,]	0.87270931	0.8062671
##	[136,]	-0.67891464	-0.8752831
##	[137,]	-0.67891464	-0.3147664
##	[138,]	0.87270931	1.3667838
##	[139,]	-0.05826506	-0.5950247
##	[140,]	0.56238452	0.8062671
##	[141,]	-0.67891464	-0.0345080
##	[141,]	-0.67891464	-0.3147664
		-0.05826506	-0.5950247
##	[143,]		
##	[144,]	-0.67891464	-0.0345080
##	[145,]	-0.67891464	0.8062671
##	[146,]	-0.05826506	-0.5950247
##	[147,]	-0.36858985	-0.5950247
##	[148,]	1.49335889	0.8062671

##	[149,]	-0.36858985	-0.0345080
##	[150,]	-0.67891464	-1.1555415
##	[151,]	-0.05826506	2.4878173
##	[152,]	-0.67891464	0.5260087
##	[153,]	0.56238452	0.2457504
##	[154,]	-0.67891464	3.0483340
##	[155,]	0.25205973	0.8062671
##	[156,]	-0.67891464	1.3667838
##	[157,]	-0.67891464	-1.1555415
##	[158,]	-0.67891464	-1.1555415
##	[159,]	-0.05826506	1.9273006
##	[160,]	-0.36858985	-0.5950247
##	[161,]	-0.05826506	-0.5950247
##	[162,]	-0.05826506	-0.5950247
##	[163,]	-0.67891464	-0.5950247
##	[164,]	-0.36858985	-0.0345080
##	[165,]	-0.67891464	-0.8752831
##	[166,]	0.56238452	-0.0345080
##	[167,]	-0.36858985	1.0865255
##	[168,]	1.49335889	-0.0345080
##	[169,]	-0.67891464	0.8062671
##	[170,]	-0.36858985	-0.0345080
##	[171,]	-0.36858985	-0.8752831
##	[172,]	-0.67891464	-1.1555415
##	[173,]	1.49335889	-0.5950247
##	[174,]	1.18303410	1.6470422
##	[175,]	-0.67891464	-0.3147664
##	[176,]	-0.05826506	-0.5950247
##	[177,]	-0.67891464	-0.5950247
##	[178,]	-0.36858985	-1.1555415
##	[179,]	3.97595721	0.8062671
##	[180,]	-0.05826506	-0.8752831
##	[181,]	-0.67891464	-0.5950247
##	[182,]	-0.36858985	-0.5950247
##	[183,]	-0.67891464	-0.5950247
##	[184,]	-0.67891464	-0.5950247
##	[185,]	-0.36858985	-0.3147664
##	[186,]	-0.36858985	0.5260087
##	[187,]	2.11400847	1.3667838
##	[188,]	-0.05826506	3.0483340
##	[189,]	-0.36858985	1.3667838
##	[190,]	-0.36858985	-1.1555415
##	[191,]	2.73465805	1.3667838
##	[192,]	-0.67891464	-0.3147664
##	[193,]	-0.67891464	-0.8752831
##	[194,]	-0.05826506	-0.5950247
##	[195,]	2.73465805	1.0865255
##	[196,]	-0.36858985	0.8062671
##	[197,]	-0.36858985	-0.5950247
##	[198,]	-0.67891464	-0.5950247
##	[199,]	-0.67891464	-1.1555415
##	[200,]	-0.36858985	0.8062671
##	[201,]	-0.05826506	-1.1555415
##	[202,]	-0.36858985	0.8062671

##	[203,]	-0.05826506	-1.1555415
##	[204,]	0.25205973	0.8062671
##	[205,]	-0.67891464	-1.1555415
##	[206,]	-0.36858985	1.3667838
##	[207,]	-0.05826506	-0.5950247
##	[208,]	-0.36858985	0.8062671
##	[209,]	-0.67891464	-0.5950247
##	[210,]	-0.67891464	-0.3147664
##	[211,]	2.11400847	1.0865255
##	[212,]	0.87270931	1.0865255
##	[213,]	-0.67891464	0.8062671
##	[214,]	0.56238452	0.8062671
##	[215,]	-0.67891464	-0.0345080
##	[216,]	-0.67891464	-1.1555415
##	[217,]	-0.67891464	-0.8752831
##	[218,]	-0.36858985	0.2457504
##	[219,]	3.04498284	1.0865255
##	[220,]	-0.67891464	0.2457504
##	[221,]	0.25205973	0.8062671
##	[222,]	-0.36858985	-0.8752831
##	[223,]	-0.67891464	0.8062671
##	[224,]	0.87270931	2.4878173
##	[225,]	-0.36858985	-0.0345080
##	[226,]	-0.67891464	-1.1555415
##	[227,]	0.87270931	1.0865255
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##	[229,]	-0.67891464	1.0865255
##	[230,]	-0.67891464	-0.8752831
##	[231,]	-0.05826506	-0.5950247
##	[232,]	2.73465805	3.0483340
##	[233,]	-0.05826506	-0.5950247
##	[234,]	-0.67891464	0.5260087
##	[235,]	-0.67891464	-0.0345080
##	[236,]	-0.36858985	1.3667838
##	[237,]	-0.36858985	0.8062671
##	[238,]	3.97595721	2.2075589
##	[239,]	-0.36858985	-0.5950247
##	[240,]	-0.36858985	-0.5950247
##	[241,]	-0.36858985	-0.5950247
##	[242,]	-0.05826506	-0.5950247
##	[243,]	-0.67891464	-1.1555415
##	[244,]	0.56238452	0.8062671
##	[245,]	-0.36858985	0.8062671
##	[246,]	-0.05826506	-0.5950247
##	[247,]	-0.67891464	-0.5950247
##	[248,]	0.87270931	1.3667838
##	[249,]	-0.67891464 -0.67891464	-0.5950247
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##	[251,]		
##	[252,]	2.73465805	1.0865255
## ##	[253,] [254,]	-0.36858985 -0.67891464	0.2457504 -0.5950247
##	[255,]	-0.67891464	-0.5950247
##	[256,]	-0.36858985	-0.5950247
##	[200,]	0.0000300	0.0900247

##	[257,]	1.49335889	1.0865255
##	[258,]	0.25205973	1.3667838
##	[259,]	-0.67891464	-1.1555415
##	[260,]	-0.36858985	-0.0345080
##	[261,]	-0.67891464	-0.3147664
##	[262,]	1.49335889	0.2457504
##	[263,]	-0.67891464	-0.0345080
##	[264,]	1.49335889	0.8062671
##	[265,]	-0.67891464	-1.1555415
##	[266,]	-0.67891464	-1.1555415
##	[267,]	1.49335889	1.0865255
##	[268,]	-0.36858985	0.2457504
##	[269,]	0.56238452	1.6470422
##	[270,]	2.42433326	1.9273006
##	[271,]	0.56238452	2.4878173
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##	[274,]	-0.67891464	-0.8752831
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##	[276,]	-0.67891464	-0.5950247
##	[277,]	1.18303410	-0.5950247
##	[278,]	1.49335889	0.8062671
##	[279,]	-0.36858985	-0.0345080
## ##	[280,]	-0.36858985	0.5260087
##	[281,]	-0.36858985 2.73465805	-0.3147664 0.5260087
##	[282,] [283,]	-0.67891464	1.3667838
##	[284,]	-0.67891464	1.0865255
##	[285,]	0.25205973	-0.3147664
##	[286,]	0.87270931	0.8062671
##	[287,]	-0.67891464	-1.1555415
##	[288,]	-0.36858985	-0.5950247
##	[289,]	-0.67891464	-0.5950247
##	[290,]	-0.67891464	-0.5950247
##	[291,]	-0.36858985	-0.5950247
##	[292,]	1.49335889	0.8062671
##	[293,]	-0.05826506	-0.5950247
##	[294,]	1.49335889	-0.0345080
##	[295,]	-0.36858985	-0.5950247
##	[296,]	0.56238452	1.0865255
##	[297,]	-0.67891464	-1.1555415
##	[298,]	1.18303410	1.3667838
##	[299,]	-0.67891464	-1.1555415
##	[300,]	-0.36858985	-0.5950247
##	[301,]	-0.67891464	-0.0345080
##	[302,]	-0.67891464	-1.1555415
##	[303,]	-0.67891464	0.8062671
##	[304,]	1.49335889	0.8062671
##	[305,]	0.25205973	0.8062671
##	[306,]	-0.67891464	1.0865255
##	[307,]	0.56238452	1.0865255
##	[308,]	-0.67891464	-0.8752831
##	[309,]	-0.36858985	-0.5950247
##	[310,]	-0.67891464	-0.3147664

##	[311,]	-0.36858985	-1.1555415
##	[312,]	2.11400847	1.9273006
##	[313,]	-0.05826506	-0.5950247
##	[314,]	1.80368368	1.0865255
##	[315,]	2.73465805	1.6470422
##	[316,]	-0.36858985	0.8062671
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##	[318,]	1.49335889	0.8062671
##	[319,]	-0.36858985	-0.5950247
##	[320,]	2.73465805	1.3667838
##	[321,]	-0.67891464	-0.0345080
##	[322,]	-0.36858985	0.8062671
##	[323,]	-0.67891464	0.8062671
##	[324,]	-0.05826506	-0.5950247
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##	[326,]	1.80368368	1.3667838
##	[327,]	3.35530763	-0.3147664
##	[328,]	-0.67891464	-1.1555415
##	[329,]	-0.67891464	-0.8752831
##	[330,]	-0.36858985	-0.8752831
##	[331,]	-0.67891464	-1.1555415
##	[332,]	-0.36858985	-0.0345080
##	[333,]	-0.67891464	-0.3147664
##	[334,]	-0.67891464	-1.1555415
##	[335,]	2.11400847	1.0865255
##	[336,]	-0.67891464	-0.5950247
##	[337,]	-0.67891464	0.8062671
##	[338,]	-0.05826506	-0.5950247
##	[339,]	-0.36858985	-0.5950247
##	[340,]	-0.67891464	0.8062671
##	[341,]	-0.67891464	-0.0345080
##	[342,]	-0.05826506	1.3667838
##	[343,]	0.56238452	1.6470422
##	[344,]	-0.36858985	0.8062671
##	[345,]	-0.67891464	2.4878173
##	[346,]	-0.67891464	-0.5950247
##	[347,]	-0.36858985	-0.5950247
##	[348,]	-0.67891464	-1.1555415
##	[349,]	-0.67891464	-1.1555415
##	[350,]	-0.67891464	-0.5950247
##	[351,]	-0.36858985	-1.1555415
##	[352,]	-0.67891464	0.8062671
##	[353,]	-0.67891464	-1.1555415
##	[354,]	1.18303410	0.8062671
##	[355,]	-0.05826506	-0.5950247
##	[356,]	1.49335889	0.8062671
##	[357,]	-0.67891464	-1.1555415
##	[358,]	-0.36858985	-0.5950247
##	[359,]	-0.67891464	-1.1555415
##	[360,]	-0.36858985	2.2075589
##	[361,]	-0.36858985	-0.5950247
##	[362,]	-0.36858985	0.8062671
##	[363,]	-0.05826506	-0.5950247
##	[364,]	-0.67891464	-1.1555415
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##	[367,]	1.49335889	0.8062671
##	[368,]	-0.36858985	-0.3147664
##	[369,]	-0.36858985	-1.1555415
##	[370,]	-0.05826506	-0.5950247
##	[371,]	-0.67891464	-1.1555415
##	[372,]	-0.36858985	-0.5950247
	•		
##	[373,]	-0.67891464	-1.1555415
##	[374,]	-0.67891464	-0.0345080
##	[375,]	-0.67891464	0.8062671
##	[376,]	-0.67891464	-1.1555415
##	[377,]	-0.67891464	0.8062671
##	[378,]	-0.05826506	-0.5950247
##	[379,]	-0.67891464	-0.0345080
##	[380,]	-0.36858985	-0.5950247
##	[381,]	-0.67891464	-0.3147664
##	[382,]	-0.67891464	-1.1555415
##	[383,]	-0.67891464	-0.0345080
##	[384,]	-0.36858985	-0.5950247
##	[385,]	2.11400847	-1.1555415
		-0.67891464	-1.1555415
##	[386,]		
##	[387,]	3.04498284	3.6088508
##	[388,]	-0.36858985	-0.3147664
##	[389,]	-0.36858985	-0.5950247
##	[390,]	-0.67891464	-0.8752831
##	[391,]	0.25205973	1.3667838
##	[392,]	-0.67891464	-1.1555415
##	[393,]	-0.36858985	-0.5950247
##	[394,]	-0.36858985	-0.5950247
##	[395,]	0.25205973	2.2075589
##	[396,]	-0.36858985	-0.5950247
##	[397,]	-0.67891464	-0.5950247
##	[398,]	-0.36858985	-0.3147664
##	[399,]	2.42433326	0.8062671
##	[400,]	0.25205973	-0.5950247
##	[401,]	-0.36858985	0.5260087
##	[402,]	1.49335889	0.8062671
##	[403,]	0.56238452	-0.0345080
##	[404,]	-0.67891464	0.8062671
##	[405,]	-0.36858985	1.0865255
##	[406,]	-0.67891464	-0.5950247
##	[407,]	-0.67891464	-0.0345080
##	[408,]	-0.67891464	-0.5950247
##	[409,]	-0.36858985	-0.0345080
##	[410,]	-0.67891464	-0.5950247
##	[411,]	-0.67891464	-0.5950247
##	[412,]	2.73465805	1.6470422
##	[413,]	-0.67891464	1.0865255
##	[414,]	-0.67891464	-0.0345080
##	[415,]	-0.36858985	-0.0345080
		-0.36858985	-1.1555415
##	[416,]		
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##	[418,]	-0.36858985	2.2075589

##	[419,]	-0.67891464	-0.5950247
##	[420,]	-0.36858985	-0.0345080
##	[421,]	-0.67891464	0.8062671
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##	[424,]	1.49335889	1.0865255
##	[425,]	-0.67891464	-1.1555415
##	[426,]	3.97595721	0.8062671
##	[427,]	1.18303410	0.8062671
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##	[429,]	-0.67891464	-0.0345080
##	[430,]	-0.67891464	-0.8752831
##	[431,]	0.56238452	-0.3147664
##	[432,]	-0.67891464	-1.1555415
##	[433,]	0.87270931	0.8062671
##	[434,]	-0.36858985	-0.5950247
##	[435,]	-0.67891464	1.0865255
##	[436,]	1.49335889	0.8062671
##	[437,]	-0.36858985	-0.3147664
##	[438,]	-0.36858985	-0.5950247
##	[439,]	-0.67891464	-1.1555415
##	[440,]	-0.67891464	-1.1555415
##	[441,]	-0.67891464	-0.5950247
##	[442,]	-0.05826506	-1.1555415
##	[443,]	2.11400847	0.8062671
##	[444,]	-0.36858985	-0.5950247
##	[445,]	1.18303410	0.8062671
##	[446,]	1.49335889	0.8062671
##	[447,]	-0.36858985	1.6470422
##	[448,]	1.18303410	1.3667838
##	[449,]	0.87270931	2.4878173
##	[450,]	-0.67891464	0.8062671
##	[451,]	-0.67891464	0.2457504
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##	[460,]	-0.67891464	0.8062671
##	[460,]	-0.67891464	-1.1555415
##	[462,]	-0.67891464	-0.3147664
##	[463,]	0.87270931	0.8062671
##	[464,]	-0.67891464	-1.1555415
##	[465,]	-0.36858985	-0.5950247
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##	[467,]	2.73465805	1.0865255
##	[467,]	1.49335889	0.8062671
##	[469,]	1.18303410	1.3667838
##	[470,]	-0.36858985	-0.5950247
##	[470,]	-0.05826506	-0.8752831
##	[472,]	-0.67891464	-1.1555415
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##	[473,]	0.56238452	-0.3147664
##	[474,]	-0.67891464	1.3667838
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##	[477,]	-0.67891464	-1.1555415
##	[478,]	2.42433326	0.8062671
##	[479,]	-0.67891464	0.5260087
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##	[481,]	-0.67891464	-1.1555415
##	[482,]	-0.36858985	-0.3147664
##	[483,]	-0.36858985	-0.5950247
##	[484,]	-0.67891464	-0.5950247
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##	[486,]	-0.67891464	-0.3147664
##	[487,]	-0.36858985	-1.1555415
##	[488,]	-0.67891464	-1.1555415
##	[489,]	-0.05826506	-0.5950247
##	[490,]	-0.67891464	-1.1555415
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##	[492,]	0.56238452	0.8062671
##	[493,]	-0.67891464	-0.5950247
##	[494,]	-0.67891464	-0.5950247
##	[495,]	-0.67891464	0.5260087
##	[496,]	-0.67891464	-0.5950247
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##	[499,]	-0.05826506	-0.5950247
##	[500,]	-0.36858985	-0.5950247
##	[501,]	-0.67891464	0.2457504
##	[502,]	-0.67891464	-1.1555415
##	[503,]	1.80368368	1.6470422
##	[504,]	1.80368368	1.0865255
##	[505,]	-0.67891464	-1.1555415
##	[506,]	-0.67891464	-0.5950247
##	[507,]	1.49335889	1.0865255
##	[508,]	-0.36858985	-0.5950247
##	[509,]	2.73465805	1.0865255
##	[510,]	0.56238452	0.8062671
##	[511,]	1.49335889	-0.8752831
##	[512,]	-0.67891464	-0.5950247
##	[513,]	-0.36858985	-0.8752831
##	[514,]	-0.36858985	-0.8752831
##	[515,]	2.11400847	0.8062671
##	[516,]	-0.67891464	-1.1555415
##	[517,]	-0.67891464	-0.5950247
##	[518,]	-0.36858985	-0.5950247
##		-0.67891464	0.2457504
## ##	[519,] [520,]	-0.67891464 -0.05826506	1.0865255
		-0.05826506	-0.5950247
##	[521,]		
##	[522,]	-0.67891464	-0.0345080
##	[523,]	-0.67891464	-1.1555415
##	[524,]	0.25205973	1.0865255
##	[525,]	1.49335889	0.8062671 -1.1555415
##	[526,]	-0.05826506	-1.1555415

##	[527,]	2.73465805	1.6470422
##	[528,]	-0.67891464	1.0865255
##	[529,]	-0.36858985	-0.3147664
##	[530,]	-0.36858985	1.0865255
##	[531,]	-0.67891464	0.8062671
##	[532,]	1.49335889	0.8062671
##	[533,]	-0.36858985	0.8062671
##	[534,]	-0.36858985	2.2075589
##	[535,]	-0.36858985	-0.3147664
##	[536,]	3.04498284	0.5260087
##	[537,]	-0.05826506	-0.5950247
##	[538,]	-0.36858985	0.8062671
##	[539,]	-0.05826506	1.6470422
##	[540,]	-0.05826506	-0.5950247
##	[541,]	0.25205973	0.8062671
##	[542,]	-0.67891464	0.2457504
##	[543,]	-0.67891464	-1.1555415
##	[544,]	-0.36858985	-0.0345080
##	[545,]	2.73465805	2.4878173
##	[546,]	1.49335889	0.8062671
##	[547,]	-0.67891464	-1.1555415
##	[548,]	-0.05826506	-0.5950247
##	[549,]	-0.05826506	-0.5950247
##	[550,]	0.56238452	-0.3147664
##	[551,]	-0.67891464	-0.5950247
##	[552,]	0.25205973	0.5260087
##	[553,]	-0.36858985	-0.8752831
##	[554,]	-0.05826506	-0.3147664
##	[555,]	-0.67891464	0.8062671
##	[556,]	-0.05826506	-0.5950247
##	[557,]	-0.05826506	-0.5950247
##	[558,]	-0.67891464	-1.1555415
##	[559,]	0.56238452	0.8062671
##	[560,]	-0.67891464	-0.8752831
##	[561,]	-0.67891464	-1.1555415
##	[562,]	-0.36858985	3.3285924
##	[563,]	1.49335889	1.0865255
##	[564,]	-0.36858985	-0.0345080
##	[565,]	0.25205973	-0.8752831
##	[566,]	-0.67891464	-0.5950247
##	[567,]	-0.36858985	-0.3147664
##	[568,]	-0.36858985	-0.0345080
##	[569,]	-0.36858985	-0.0345080
##	[570,]	-0.67891464	1.3667838
##	[571,]	-0.36858985	-0.5950247
##	[572,]	-0.05826506	-1.1555415
##	[573,]	-0.36858985	-0.8752831
##	[574,]	-0.36858985	-0.5950247
##	[575,]	-0.36858985	-0.3147664
##	[576,]	-0.36858985	-0.0345080
##	[577,]	-0.36858985	-0.8752831
##	[578,]	0.56238452	-0.3147664
##	[579,]	0.56238452	2.2075589
##	[580,]	-0.36858985	-0.3147664

##	[581,]	-0.67891464	-0.5950247
##	[582,]	-0.67891464	-0.5950247
##	[583,]	0.25205973	0.8062671
##	[584,]	-0.36858985	-0.5950247
##	[585,]	3.66563242	1.3667838
##	[586,]	-0.67891464	-1.1555415
##	[587,]	-0.67891464	-1.1555415
##	[588,]	-0.36858985	-0.0345080
##	[589,]	-0.67891464	-0.3147664
##	[590,]	-0.67891464	-1.1555415
##	[591,]	0.25205973	0.8062671
##	[592,]	-0.67891464	-0.5950247
##	[593,]	0.25205973	-1.1555415
##	[594,]	-0.67891464	0.2457504
##	[595,]	-0.67891464	0.8062671
##	[596,]	3.35530763	1.0865255
##	[597,]	-0.05826506	-0.5950247
##	[598,]	-0.67891464	-0.5950247
##	[599,]	-0.05826506	-0.8752831
##	[600,]	-0.67891464	-0.0345080
##	[601,]	1.18303410	1.0865255
##	[602,]	-0.67891464	-1.1555415
##	[603,]	-0.67891464	-1.1555415
##	[604,]	-0.67891464	-1.1555415
##	[605,]	1.49335889	1.0865255
##	[606,]	-0.36858985	-0.5950247
##	[607,]	-0.36858985	-0.3147664
##	[608,]	1.49335889	0.8062671
##	[609,]	1.49335889	-0.3147664
##	[610,]	-0.36858985	-1.1555415
##	[611,]	-0.67891464	1.0865255
##	[612,]	-0.36858985	0.5260087
##	[613,]	1.49335889	0.2457504
##	[614,]	-0.67891464	-0.5950247
##	[615,]	-0.36858985	0.8062671
##	[616,]	-0.67891464	-1.1555415
##	[617,]	0.56238452	3.6088508
##	[618,]	-0.05826506	-0.3147664
##	[619,]	-0.67891464	-0.8752831
##	[620,]	-0.67891464	1.0865255
		-0.36858985	
##	[621,]		-0.8752831
##	[622,]	0.56238452	1.9273006
##	[623,]	-0.67891464	-0.3147664
##	[624,]	-0.67891464	-0.3147664
##	[625,]	-0.67891464	-0.0345080
##	[626,]	-0.67891464	-0.5950247
##	[627,]	-0.36858985	-0.3147664
##	[628,]	-0.67891464	-1.1555415
##	[629,]	-0.67891464	-1.1555415
##	[630,]	-0.67891464	-0.0345080
##	[631,]	-0.05826506	-0.5950247
##	[632,]	-0.67891464	-0.5950247
##	[633,]	-0.05826506	-0.5950247
##	[634,]	-0.67891464	-0.3147664
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##	[635,]	-0.67891464	-0.3147664
##	[636,]	0.87270931	3.0483340
##	[637,]	1.49335889	1.0865255
##	[638,]	-0.67891464	-0.5950247
##	[639,]	-0.67891464	-0.3147664
##	[640,]	-0.67891464	-0.5950247
##	[641,]	0.25205973	-0.0345080
##	[642,]	0.87270931	-0.3147664
##	[643,]	-0.36858985	-0.5950247
##	[644,]	-0.36858985	-0.3147664
##	[645,]	-0.67891464	-0.5950247
##	[646,]	-0.67891464	-0.5950247
##	[647,]	-0.05826506	-0.5950247
##	[648,]	0.56238452	1.0865255
##	[649,]	-0.67891464	-1.1555415
##	[650,]	0.25205973	1.0865255
##	[651,]	-0.05826506	-0.5950247
##	[652,]	1.49335889	0.8062671
##	[653,]	-0.67891464	1.3667838
##	[654,]	3.66563242	0.8062671
##	[655,]	-0.67891464	-0.0345080
##	[656,]	-0.67891464	-0.3147664
##	[657,]	-0.67891464	-0.8752831
##	[658,]	-0.67891464	-0.3147664
##	[659,]	1.49335889	-0.8752831
##	[660,]	-0.67891464	-0.5950247
##	[661,]	-0.67891464	-1.1555415
##	[662,]	-0.67891464	-1.1555415
##	[663,]	-0.67891464	-0.5950247
##	[664,]	-0.67891464	-1.1555415
##	[665,]	0.56238452	1.9273006
##	[666,]	-0.36858985	-0.5950247
##	[667,]	-0.67891464	-0.5950247
##	[668,]	-0.36858985	-1.1555415
##	[669,]	-0.05826506	-0.5950247
##	[670,]	-0.05826506	-0.5950247
##	[671,]	-0.67891464	-1.1555415
##	[672,]	-0.36858985	-1.1555415
##	[673,]	-0.67891464	-0.3147664
##	[674,]	-0.67891464	-0.5950247
##	[675,]	-0.67891464	-0.0345080
##	[676,]	0.87270931	-0.5950247
##	[677,]	-0.67891464	0.8062671
##	[678,]	-0.36858985	0.8062671
##	[679,]	-0.67891464	-1.1555415
##	[680,]	-0.67891464	-1.1555415
##	[681,]	-0.67891464	-0.8752831
##	[682,]	0.87270931	1.9273006
##	[683,]	-0.67891464	-0.5950247
##	[684,]	-0.67891464	-1.1555415
##	[685,]	-0.67891464	-1.1555415
##	[686,]	-0.67891464	0.8062671
##	[687,]	-0.05826506	3.6088508
##	[688,]	0.25205973	1.3667838
	• -		

##	[689,]	-0.67891464	-1.1555415
##	[690,]	-0.67891464	-1.1555415
##	[691,]	1.80368368	0.2457504
##	[692,]	-0.67891464	-1.1555415
##	[693,]	1.18303410	-0.3147664
##	[694,]	0.25205973	0.8062671
##	[695,]	-0.36858985	-0.0345080
##	[696,]	2.73465805	0.8062671
##	[697,]	-0.67891464	1.0865255
##	[698,]	-0.67891464	-0.5950247
##	[699,]	-0.36858985	-1.1555415
##	[700,]	1.49335889	1.0865255
##	[701,]	-0.67891464	-1.1555415
##	[702,]	3.97595721	-0.5950247
##	[703,]	1.49335889	0.8062671
##	[704,]	-0.36858985	-0.3147664
##	[705,]	-0.67891464	1.0865255
##	[706,]	-0.67891464	0.8062671
##	[707,]	-0.67891464	-1.1555415
##	[708,]	-0.05826506	0.8062671
##	[709,]	-0.67891464	0.8062671
##	[710,]	-0.36858985	-0.5950247
##			
	[711,]	1.18303410	-1.1555415
##	[712,]	-0.67891464	-1.1555415
##	[713,]	-0.67891464	-0.5950247
##	[714,]	-0.67891464	-0.5950247
##	[715,]	-0.36858985	-0.3147664
##	[716,]	-0.36858985	-0.5950247
##	[717,]	-0.67891464	1.9273006
##	[718,]	-0.05826506	-0.5950247
##	[719,]	-0.67891464	1.0865255
##	[720,]	-0.67891464	0.8062671
##	[721,]	-0.67891464	-0.8752831
##	[722,]	-0.36858985	0.2457504
##	[723,]	-0.67891464	-0.5950247
##	[724,]	-0.67891464	0.8062671
##	[725,]	0.25205973	-0.5950247
##	[726,]	-0.67891464	-0.5950247
##	[727,]	-0.67891464	-0.3147664
		-0.67891464	
##	[728,]		-1.1555415
##	[729,]	-0.67891464	1.0865255
##	[730,]	2.42433326	-0.8752831
##	[731,]	-0.36858985	0.8062671
##	[732,]	-0.67891464	-1.1555415
##	[733,]	-0.36858985	-0.5950247
##	[734,]	-0.36858985	-0.3147664
##	[735,]	-0.36858985	-0.8752831
##	[736,]	-0.05826506	-0.5950247
##	[737,]	0.56238452	1.0865255
##	[738,]	-0.05826506	-0.8752831
##	[739,]	2.73465805	1.0865255
##	[740,]	-0.05826506	-0.5950247
##	[741,]	-0.36858985	-0.5950247
##	[742,]	-0.67891464	-1.1555415
π	L. 12, J	3.01001104	1.1000410

##	[743,]	-0.67891464	-1.1555415
##	[744,]	0.56238452	-0.3147664
##	[745,]	-0.67891464	-1.1555415
##	[746,]	1.18303410	0.8062671
##	[747,]	0.87270931	1.6470422
##	[748,]	-0.67891464	-1.1555415
##	[749,]	-0.05826506	-0.5950247
##	[750,]	1.18303410	1.3667838
##	[751,]	2.73465805	1.9273006
##	[752,]	-0.67891464	2.4878173
##	[753,]	3.97595721	2.7680757
##	[754,]	-0.05826506	1.0865255
##	[755,]	-0.05826506	-0.5950247
##	[756,]	-0.36858985	-0.8752831
##	[757,]	1.49335889	0.8062671
##	[758,]	-0.67891464	1.3667838
##	[759,]	-0.67891464	-0.0345080
##	[760,]	-0.67891464	-0.0345080
##	[761,]	1.18303410	2.2075589
##	[762,]	-0.67891464	-1.1555415
##	[763,]	-0.36858985	-0.5950247
##	[764,]	-0.67891464	-1.1555415
##	[765,]	-0.67891464	-1.1555415
##	[766,]	-0.05826506	-0.5950247
##	[767,]	1.49335889	0.8062671
##	[768,]	-0.67891464	-0.8752831
##	[769,]	1.49335889	0.2457504
##	[770,]	-0.36858985	-0.3147664
##	[771,]	-0.05826506	-0.5950247
##	[772,]	1.49335889	-1.1555415
##	[773,]	-0.67891464	-0.3147664
##	[774,]	1.49335889	1.0865255
##	[775,]	1.18303410	-0.5950247
##	[776,]	-0.67891464	-1.1555415
##	[777,]	-0.67891464	-0.5950247
##	[778,]	-0.36858985	-1.1555415
##	[779,]	-0.36858985	0.8062671
##	[780,]	-0.05826506	0.8062671
##	[781,]	-0.36858985	1.3667838
##	[782,]	-0.36858985	-0.3147664
##	[783,]	-0.67891464	-0.5950247
##	[784,]	-0.67891464	1.0865255
##	[785,]	-0.36858985	1.3667838
##	[786,]	2.73465805	-0.8752831
##	[787,]	-0.36858985	-0.5950247
##	[788,]	-0.36858985	-0.5950247
##	[789,]	-0.36858985	0.8062671
##	[790,]	0.25205973	0.5260087
##	[791,]	-0.36858985	-0.5950247
##	[792,]	0.56238452	0.8062671
## ##	[793,] [794,]	0.25205973 -0.05826506	1.0865255 -0.5950247
##	[794,] [795,]	-0.67891464	-0.5950247
##	[796,]	-0.67891464	-1.1555415
πĦ	[130,]	0.07001404	1.1000410

##	[797,]	0.87270931	0.5260087
##	[798,]	-0.67891464	-1.1555415
##	[799,]	-0.05826506	-0.5950247
##	[800,]	3.35530763	0.8062671
##	[801,]	-0.67891464	-1.1555415
##	[802,]	-0.67891464	-1.1555415
##	[803,]	-0.67891464	-0.5950247
##	[804,]	-0.67891464	-1.1555415
##	[805,]	-0.05826506	-0.8752831
##	[806,]	0.56238452	2.2075589
##	[807,]	0.56238452	-1.1555415
##	[808,]	-0.05826506	0.8062671
##	[809,]	-0.36858985	0.8062671
##	[810,]	-0.36858985	0.8062671
##	[811,]	0.56238452	1.3667838
##	[812,]	-0.67891464	-1.1555415
##	[813,]	-0.67891464	-0.8752831
##	[814,]	2.73465805	0.2457504
##	[815,]	0.56238452	1.3667838
##	[816,]	-0.05826506	-0.5950247
##	[817,]	-0.67891464	-0.3147664
##	[818,]	-0.67891464	1.3667838
##	[819,]	-0.05826506	-0.5950247
##	[820,]	-0.67891464	-0.0345080
##	[821,]	-0.67891464	-0.5950247
##	[822,]	-0.05826506	-0.3147664
##	[823,]	-0.67891464	-0.5950247
##	[824,]	-0.36858985	-0.8752831
##	[825,]	-0.67891464	-1.1555415
##	[826,]	-0.36858985	-0.5950247
##	[827,]	0.87270931	-1.1555415
##	[828,]	-0.67891464	-0.5950247
##	[829,]	-0.67891464	-1.1555415
##	[830,]	-0.67891464	-0.3147664
##	[831,]	-0.67891464	-1.1555415
##	[832,]	-0.05826506	-0.5950247
##	[833,]	-0.36858985	-0.3147664
##	[834,]	-0.05826506	-0.5950247
##	[835,]	-0.36858985	-0.3147664
##	[836,]	-0.36858985	-0.0345080
##	[837,]	0.25205973	1.6470422
##	[838,]	-0.05826506	2.4878173
##	[839,]	3.35530763	2.7680757
##	[840,]	-0.36858985	0.2457504
##	[841,]	-0.36858985	0.8062671
##	[842,]	-0.36858985	-0.5950247
##	[843,]	-0.67891464	-1.1555415
##	[844,]	-0.67891464	0.8062671
##	[845,]	-0.36858985	-0.0345080
##	[846,]	-0.67891464	-1.1555415
##	[847,]	1.18303410	-0.0345080
##	[848,]	0.56238452	1.3667838
##	[849,]	-0.05826506	-0.5950247
##	[850,]	-0.36858985	-0.3147664

##	[851,]	-0.67891464	-1.1555415
##	[852,]	0.56238452	-0.5950247
##	[853,]	-0.67891464	1.0865255
##	[854,]	-0.67891464	-1.1555415
##	[855,]	-0.67891464	-0.5950247
##	[856,]	0.25205973	1.9273006
##	[857,]	-0.36858985	-0.5950247
##	[858,]	-0.67891464	-0.5950247
##	[859,]	0.56238452	0.8062671
##	[860,]	-0.36858985	-0.3147664
##	[861,]	-0.67891464	-1.1555415
##	[862,]	3.97595721	1.3667838
##	[863,]	-0.67891464	-1.1555415
##	[864,]	-0.36858985	-0.0345080
##	[865,]	-0.67891464	-1.1555415
##	[866,]	-0.67891464	-0.3147664
##	[867,]	-0.67891464	-1.1555415
##	[868,]	-0.05826506	-0.5950247
##	[869,]	0.25205973	-0.3147664
##	[870,]	-0.67891464	-0.3147664
##	[871,]	-0.36858985	0.8062671
##	[872,]	-0.67891464	-1.1555415
##	[873,]	-0.67891464	-0.8752831
##	[874,]	-0.36858985	0.8062671
##	[875,]	1.80368368	1.3667838
##	[876,]	3.35530763	3.6088508
##	[877,]	-0.05826506	-0.5950247
##	[878,]	-0.36858985	-0.0345080
##	[879,]	-0.67891464	-0.3147664
##	[880,]	-0.36858985	1.3667838
##	[881,]	-0.05826506	-0.5950247
##	[882,]	-0.67891464	0.8062671
##	[883,]	1.49335889	0.8062671
##	[884,]	0.56238452	1.6470422
##	[885,]	-0.36858985	-0.3147664
##	[886,]	-0.36858985	-0.8752831
##	[887,]	0.87270931	0.8062671
##	[888,]	-0.67891464	-1.1555415
##	[889,]	0.56238452	2.2075589
##	[890,]	1.18303410	1.0865255
##	[891,]	-0.36858985	-0.0345080
##	[892,]	1.49335889	0.8062671
##	[893,]	-0.67891464	-1.1555415
##		-0.36858985	-0.5950247
	[894,]		
##	[895,]	-0.67891464	1.3667838
##	[896,]	-0.67891464	-0.8752831
##	[897,]	-0.36858985	1.0865255
##	[898,]	-0.67891464	0.2457504
##	[899,]	-0.67891464	0.8062671
##	[900,]	-0.67891464	-1.1555415
##	[901,]	-0.67891464	0.8062671
##	[902,]	-0.67891464	-1.1555415
##	[903,]	-0.67891464	-0.3147664
##	[904,]	-0.36858985	-1.1555415

##	[905,]	-0.67891464	-1.1555415
##	[906,]	-0.36858985	0.8062671
##	[907,]	-0.67891464	-1.1555415
##	[908,]	0.25205973	1.6470422
##	[909,]	-0.67891464	1.0865255
##	[910,]	-0.67891464	-0.8752831
##	[911,]	-0.67891464	-0.8752831
##	[912,]	-0.36858985	-1.1555415
##	[913,]	-0.05826506	-0.5950247
##	[914,]	-0.36858985	1.9273006
##	[915,]	3.97595721	-1.1555415
##	[916,]	-0.05826506	-0.5950247
##	[917,]	-0.67891464	1.0865255
##	[918,]	-0.67891464	-0.5950247
##	[919,]	2.73465805	1.6470422
##	[920,]	0.87270931	-0.0345080
##	[921,]	0.87270931	1.6470422
## ##	[922,] [923,]	-0.67891464 3.66563242	-0.5950247 2.4878173
##	[924,]	-0.36858985	1.0865255
##	[925,]	-0.05826506	-0.5950247
##	[926,]	-0.67891464	-1.1555415
##	[927,]	3.97595721	3.6088508
##	[928,]	0.87270931	2.2075589
##	[929,]	-0.67891464	0.2457504
##	[930,]	-0.05826506	-0.5950247
##	[931,]	1.49335889	0.8062671
##	[932,]	-0.36858985	0.8062671
##	[933,]	1.49335889	0.8062671
##	[934,]	-0.36858985	-0.5950247
##	[935,]	-0.05826506	-0.8752831
##	[936,]	-0.67891464	1.0865255
##	[937,]	-0.67891464	-1.1555415
##	[938,]	3.97595721	-0.5950247
##	[939,]	-0.05826506	-0.5950247
##	[940,]	-0.36858985	-0.8752831
##	[941,]	-0.67891464	-0.3147664
##	[942,]	1.18303410	0.8062671
##	[943,]	-0.36858985	0.8062671
##	[944,]	0.87270931	0.8062671
##	[945,]	1.49335889	0.2457504
##	[946,]	-0.36858985	-0.5950247
##	[947,]	-0.36858985	-1.1555415
##	[948,]	1.49335889	0.8062671
##	[949,]	-0.67891464	1.0865255
##	[950,]	-0.36858985	0.8062671
##	[951,]	2.11400847	0.5260087
##	[952,]	2.73465805	1.3667838
##	[953,]	-0.05826506	-0.5950247
##	[954,]	-0.36858985	-0.5950247
##	[955,]	-0.05826506	1.6470422
##	[956,]	2.11400847	1.9273006
##	[957,]	1.49335889	0.8062671
##	[958,]	-0.67891464	-1.1555415

##	[959,]	-0.36858985	0.5260087
##	[960,]	1.80368368	1.0865255
##	[961,]	-0.36858985	0.8062671
##	[962,]	-0.36858985	-0.8752831
##	[963,]	-0.67891464	1.6470422
##	[964,]	-0.36858985	0.8062671
##	[965,]	2.11400847	0.5260087
##	[966,]	-0.36858985	-0.5950247
##	[967,]	0.87270931	1.3667838
##	[968,]	-0.67891464	-0.3147664
##	[969,]	1.18303410	2.4878173
##	[970,]	-0.67891464	1.0865255
##	[971,]	-0.67891464	-1.1555415
##	[972,]	-0.67891464	-0.3147664
##	[973,]	-0.67891464	-1.1555415
##	[974,]	-0.67891464	-1.1555415
##	[975,]	-0.67891464	-1.1555415
##	[976,]	0.25205973	1.0865255
##	[977,]	3.97595721	1.3667838
##	[978,]	-0.67891464	-1.1555415
##	[979,]	2.73465805	1.0865255
##	[980,]	1.49335889	0.8062671
## ##	[981,]	-0.67891464 0.25205973	-1.1555415 -0.5950247
##	[982,] [983,]	-0.67891464	-0.3147664
##	[984,]	0.56238452	1.9273006
##	[985,]	-0.67891464	-0.0345080
##	[986,]	1.18303410	0.8062671
##	[987,]	-0.36858985	-0.0345080
##	[988,]	0.25205973	-0.5950247
##	[989,]	0.25205973	-0.3147664
##	[990,]	-0.36858985	-0.3147664
##	[991,]	-0.36858985	-0.5950247
##	[992,]	-0.36858985	-0.5950247
##	[993,]	-0.67891464	0.2457504
##	[994,]	-0.36858985	-0.5950247
##	[995,]	-0.67891464	-0.5950247
##	[996,]	-0.36858985	1.0865255
##	[997,]	0.56238452	-0.0345080
##	[998,]	1.49335889	0.8062671
##	[999,]	-0.36858985	-0.8752831
##	[1000,]	-0.67891464	1.3667838
##	[1001,]	-0.67891464	-0.0345080
##	[1002,]	-0.67891464	-0.5950247
##	[1003,]	-0.05826506	-0.5950247
##	[1004,]	-0.67891464	-0.5950247
##	[1005,]	-0.67891464	0.8062671
##	[1006,]	-0.67891464	1.3667838
##	[1007,]	-0.36858985	-0.3147664
##	[1008,]	1.49335889	0.8062671
##	[1009,]	3.04498284	0.8062671
##	[1010,]	-0.36858985	0.2457504
## ##	[1011,] [1012,]	-0.67891464 -0.67891464	-1.1555415 -0.8752831
##	[1012,]	-0.07031464	-0.0152831

	F		
##	[1013,]	-0.67891464	-1.1555415
##	[1014,]	-0.67891464	-0.5950247
##	[1015,]	-0.36858985	-1.1555415
##	[1016,]	-0.36858985	-0.3147664
##	[1017,]	-0.67891464	-1.1555415
##	[1018,]	-0.36858985	-0.0345080
##	[1019,]	-0.36858985	1.0865255
##	[1020,]	-0.67891464	-0.5950247
##	[1021,]	-0.36858985	-0.5950247
##	[1022,]	-0.05826506	-0.5950247
##	[1023,]	-0.36858985	-0.3147664
##	[1024,]	-0.36858985	-1.1555415
##	[1025,]	0.87270931	0.5260087
##	[1026,]	-0.67891464	-0.3147664
##	[1027,]	-0.67891464	-0.3147664
##	[1028,]	-0.67891464	-0.5950247
##	[1029,]	-0.67891464	-0.3147664
##	[1030,]	-0.67891464	0.8062671
##	[1031,]	2.11400847	1.3667838
##	[1032,]	0.56238452	-0.3147664
##	[1033,]	-0.67891464	-1.1555415
##	[1034,]	0.56238452	0.8062671
##	[1035,]	-0.67891464	0.8062671
##	[1036,]	-0.67891464	-0.5950247
##	[1037,]	-0.05826506	-0.5950247
##	[1038,]	-0.36858985	-0.5950247
##	[1039,]	-0.05826506	-0.5950247
##	[1040,]	-0.05826506	-0.5950247
##	[1041,]	0.56238452	1.0865255
##	[1042,]	-0.36858985	-0.3147664
##	[1043,]	-0.67891464	-0.3147664
##	[1044,]	1.80368368	1.0865255
##	[1045,]	-0.36858985	-0.5950247
##	[1046,]	-0.36858985	-0.5950247
##	[1047,]	-0.36858985	-0.3147664
##	[1048,]	-0.67891464	-0.3147664
##	[1049,]	0.25205973	2.2075589
##	[1050,]	-0.05826506	-0.5950247
##	[1051,]	0.87270931	1.0865255
##	[1052,]	-0.67891464	-1.1555415
##	[1053,]	-0.67891464	-1.1555415
##	[1054,]	-0.05826506	1.0865255
##	[1055,]	-0.67891464	0.8062671
##	[1056,]	1.18303410	1.3667838
##	[1057,]	-0.36858985	-0.5950247
##	[1058,]	-0.67891464	-1.1555415
##	[1059,]	2.42433326	1.6470422
##	[1060,]	-0.67891464	-1.1555415
##	[1061,]	-0.67891464	-1.1555415
##	[1062,]	-0.67891464	-1.1555415
##	[1063,]	-0.05826506	-0.5950247
##	[1064,]	-0.67891464	-0.0345080
##	[1065,]	-0.36858985	-0.3147664
##	[1066,]	-0.36858985	-0.5950247
	- <del>, -</del>	-	'

## [1067,]	-0.67891464	-0.5950247
## [1068,]	-0.36858985	-0.5950247
## [1069,] -	-0.67891464	-1.1555415
## [1070,]	-0.67891464	-1.1555415
## [1071,]	-0.36858985	-0.3147664
## [1072,]	-0.36858985	-0.5950247
## [1073,]	-0.67891464	-0.5950247
## [1074,]	-0.36858985	0.8062671
## [1075,]	-0.67891464	-1.1555415
## [1076,] ## [1077.]	-0.67891464 -0.36858985	-1.1555415 2.2075589
	-0.67891464	0.8062671
## [1078,] ## [1079,]	3.66563242	3.6088508
## [1079,] ## [1080,]	-0.05826506	-0.5950247
## [1080,] ## [1081,]	0.87270931	-0.8752831
## [1082,]	0.25205973	-0.3147664
## [1083,]	-0.36858985	-0.5950247
## [1084,]	-0.36858985	-1.1555415
## [1085,]	1.80368368	0.5260087
## [1086,]	1.49335889	0.8062671
## [1087,]	3.35530763	1.3667838
## [1088,]	0.87270931	0.8062671
## [1089,]	-0.67891464	-1.1555415
## [1090,]	0.25205973	0.8062671
## [1091,]	-0.67891464	0.8062671
## [1092,]	-0.67891464	-0.5950247
## [1093,]	-0.67891464	-0.3147664
## [1094,]	3.35530763	1.3667838
## [1095,]	1.49335889	-0.8752831
## [1096,]	0.87270931	0.8062671
## [1097,]	1.49335889	0.8062671
## [1098,]	-0.67891464	-1.1555415
## [1099,]	-0.05826506	-0.5950247
## [1100,]	1.49335889	0.8062671
## [1101,]	0.56238452	-0.5950247
## [1102,]	-0.05826506	0.2457504
## [1103,]	-0.36858985	-0.5950247
## [1104,]	1.49335889	0.8062671
## [1105,]	-0.67891464	-1.1555415
## [1106,]	-0.05826506	-0.5950247
## [1107,]	1.18303410	0.8062671
## [1108,]	-0.36858985	-0.5950247
## [1109,]	-0.36858985	-0.5950247
## [1110,]	-0.36858985	-0.3147664
## [1111,]	-0.67891464	-1.1555415 1.3667838
## [1112,] ## [1113,]	-0.36858985 -0.36858985	-0.0345080
## [1113,] ## [1114,]	-0.36858985 -0.36858985	-0.0345080
## [1114,] ## [1115,]	1.49335889	0.5260087
## [1115,] ## [1116,]	-0.67891464	-1.1555415
## [1110,] ## [1117,]	-0.05826506	2.4878173
## [1117,] ## [1118,]	-0.05826506	-0.8752831
## [1119,]	-0.67891464	-1.1555415
## [1113,]	1.49335889	0.8062671
[1120,]	1.1500000	J.0002011

##	[1121,]	-0.36858985	-0.5950247
##	[1122,]	-0.67891464	-1.1555415
##	[1123,]	-0.36858985	0.2457504
##	[1124,]	-0.67891464	-0.0345080
##	[1125,]	1.49335889	0.5260087
##	[1126,]	-0.36858985	-0.3147664
##	[1127,]	-0.67891464	-1.1555415
##	[1128,]	-0.05826506	-0.5950247
##	[1129,]	-0.67891464	-0.5950247
##	[1130,]	-0.67891464	-0.8752831
##	[1131,]	1.18303410	1.0865255
##	[1132,]	1.49335889	0.8062671
##	[1133,]	-0.36858985	-0.5950247
##	[1134,]	-0.67891464	-0.5950247
##	[1135,]	-0.67891464	-0.8752831
##	[1136,]	-0.67891464	2.2075589
##	[1137,]	-0.67891464	-1.1555415
##	[1138,]	-0.36858985	-0.3147664
##		3.04498284	2.4878173
	[1139,]	-0.67891464	
##	[1140,]		-0.5950247
##	[1141,]	-0.36858985	1.6470422
##	[1142,]	-0.36858985	-0.8752831
##	[1143,]	-0.36858985	-0.0345080
##	[1144,]	0.56238452	0.2457504
##	[1145,]	-0.67891464	-0.3147664
##	[1146,]	-0.36858985	-0.8752831
##	[1147,]	1.49335889	-0.5950247
##	[1148,]	-0.36858985	-0.0345080
##	[1149,]	1.49335889	0.8062671
##	[1150,]	-0.67891464	0.8062671
##	[1151,]	-0.36858985	1.6470422
##	[1152,]	-0.67891464	-1.1555415
##	[1153,]	-0.05826506	-0.5950247
##	[1154,]	-0.67891464	-1.1555415
##	[1155,]	-0.36858985	-1.1555415
##	[1156,]	-0.67891464	0.8062671
##	[1157,]	3.66563242	2.2075589
##	[1158,]	-0.05826506	1.3667838
##	[1159,]	-0.67891464	-0.5950247
##	[1160,]	0.25205973	1.0865255
##	[1161,]	0.25205973	1.3667838
##	[1162,]	-0.67891464	-0.5950247
##	[1163,]	1.18303410	-1.1555415
##	[1164,]	1.49335889	0.8062671
##	[1165,]	0.25205973	-0.3147664
##	[1166,]	-0.67891464	-0.5950247
##	[1167,]	-0.05826506	-0.5950247
##	[1168,]	-0.05826506	-0.5950247
##	[1169,]	-0.36858985	-0.3147664
##	[1170,]	-0.67891464	-0.5950247
##	[1170,]	-0.36858985	-0.5950247
##	[1172,]	-0.67891464	-0.3147664
##		-0.36858985	-0.0345080
	[1173,]		
##	[1174,]	-0.67891464	-0.5950247

##	[1175,]	-0.67891464	0.8062671
##	[1176,]	-0.36858985	-1.1555415
##	[1177,]	-0.36858985	-0.5950247
##	[1178,]	-0.36858985	1.9273006
##	[1179,]	-0.05826506	-0.5950247
##	[1180,]	1.49335889	1.3667838
##	[1181,]	-0.36858985	-0.3147664
##	[1182,]	-0.05826506	2.2075589
##	[1183,]	-0.36858985	-0.5950247
##	[1184,]	-0.67891464	-0.0345080
##	[1185,]	0.56238452	0.8062671
	-		
##	[1186,]	1.18303410	1.9273006
##	[1187,]	1.18303410	0.8062671
##	[1188,]	-0.05826506	1.3667838
##	[1189,]	-0.67891464	1.3667838
##	[1190,]	-0.67891464	-0.0345080
##	[1191,]	-0.36858985	0.5260087
##	[1192,]	-0.67891464	-0.5950247
##	[1193,]	-0.05826506	-0.5950247
##	[1194,]	0.25205973	-0.3147664
##	[1195,]	-0.36858985	-0.5950247
##	[1196,]	-0.67891464	-1.1555415
##	[1197,]	-0.67891464	-0.5950247
##	[1198,]	-0.67891464	-0.5950247
##	[1199,]	-0.36858985	-0.5950247
##	[1200,]	-0.67891464	-0.5950247
##	[1201,]	-0.05826506	-0.5950247
##	[1202,]	-0.36858985	-0.5950247
##	[1203,]	-0.67891464	-1.1555415
##	[1204,]	-0.36858985	-0.5950247
##	[1205,]	1.49335889	0.8062671
##	[1206,]	-0.67891464	-1.1555415
##	[1207,]	0.87270931	0.8062671
##	[1208,]	-0.36858985	-0.5950247
##	[1209,]	0.56238452	2.4878173
##	[1210,]	-0.67891464	-1.1555415
##	[1211,]	-0.05826506	2.4878173
##	[1212,]	-0.36858985	-0.3147664
##	[1213,]	1.80368368	0.8062671
##	[1214,]	-0.67891464	-0.5950247
##	[1215,]	1.18303410	0.8062671
##	[1216,]	-0.36858985	-0.0345080
##	[1217,]	1.80368368	1.0865255
##	[1218,]	-0.67891464	-0.0345080
##	[1219,]	1.80368368	0.8062671
##	[1220,]	-0.36858985	-0.5950247
##		1.18303410	0.8062671
	[1221,]		
##	[1222,]	3.66563242	-0.0345080
##	[1223,]	-0.67891464	-1.1555415
##	[1224,]	3.66563242	1.6470422
##	[1225,]	-0.67891464	-0.5950247
##	[1226,]	1.80368368	0.5260087
##	[1227,]	-0.36858985	-0.3147664
##	[1228,]	-0.67891464	-0.3147664

	[4000 ]	0.0000000	0 5050047
##	[1229,]	-0.36858985	-0.5950247
##	[1230,]	-0.67891464	-1.1555415
##	[1231,]	-0.36858985	-0.5950247
##	[1232,]	-0.67891464	1.3667838
##	[1233,]	-0.67891464	0.8062671
##	[1234,]	-0.67891464	1.0865255
##	[1235,]	-0.67891464	-1.1555415
##	[1236,]	-0.67891464	-0.3147664
##	[1237,]	-0.05826506	-0.5950247
##	[1238,]	-0.67891464	-1.1555415
##	[1239,]	-0.36858985	-0.5950247
##	[1240,]	-0.36858985	-0.0345080
##	[1241,]	0.87270931	1.0865255
##		-0.67891464	-0.5950247
	[1242,]		
##	[1243,]	3.04498284	1.0865255
##	[1244,]	-0.67891464	-0.3147664
##	[1245,]	-0.67891464	0.8062671
##	[1246,]	-0.05826506	-0.8752831
##	[1247,]	-0.36858985	-0.5950247
##	[1248,]	-0.67891464	-0.5950247
##	[1249,]	-0.36858985	-0.0345080
##	[1250,]	-0.05826506	-0.5950247
##	[1251,]	-0.67891464	-0.5950247
##	[1252,]	-0.36858985	0.8062671
##	[1253,]	-0.36858985	-0.5950247
##	[1254,]	-0.36858985	0.8062671
##	[1255,]	-0.67891464	-0.0345080
##	[1256,]	-0.67891464	-1.1555415
##	[1257,]	-0.67891464	0.2457504
##	[1258,]	-0.67891464	-1.1555415
##	[1259,]	-0.67891464	-1.1555415
		-0.36858985	0.8062671
##	[1260,]		
##	[1261,]	-0.67891464	0.8062671
##	[1262,]	-0.36858985	-1.1555415
##	[1263,]	-0.67891464	-1.1555415
##	[1264,]	-0.67891464	-0.0345080
##	[1265,]	-0.67891464	-1.1555415
##	[1266,]	-0.36858985	0.8062671
##	[1267,]	-0.67891464	-0.0345080
##	[1268,]	-0.67891464	0.8062671
##	[1269,]	-0.67891464	-0.5950247
##	[1270,]	-0.36858985	1.0865255
##	[1271,]	-0.05826506	-0.5950247
##	[1272,]	-0.36858985	-1.1555415
##	[1273,]	-0.67891464	-0.0345080
##	[1274,]	-0.67891464	-1.1555415
##	[1275,]	0.87270931	0.8062671
##	[1276,]	-0.05826506	-0.5950247
##	[1277,]	-0.67891464	-0.3147664
##	[1278,]	-0.05826506	-0.5950247
##	[1279,]	0.87270931	0.8062671
##	[1280,]	-0.05826506	-0.3147664
##	[1281,]	0.56238452	0.8062671
##	[1282,]	1.49335889	0.8062671

##	[1283,]	1.49335889	0.5260087
##	[1284,]	-0.67891464	-0.3147664
##	[1285,]	-0.05826506	-0.5950247
##	[1286,]	-0.05826506	-0.5950247
##	[1287,]	-0.67891464	-0.5950247
##	[1288,]	-0.67891464	-1.1555415
##	[1289,]	-0.36858985	0.8062671
##	[1290,]	0.25205973	1.0865255
##	[1291,]	-0.67891464	0.8062671
##	[1292,]	-0.67891464	1.0865255
##	[1293,]	-0.05826506	-0.5950247
##	[1294,]	-0.36858985	-0.5950247
##	[1295,]	-0.36858985	-0.5950247
##	[1296,]	3.35530763	0.2457504
##	[1297,]	-0.67891464	-0.5950247
##	[1298,]	-0.36858985	-0.0345080
##	[1299,]	0.25205973	0.8062671
##	[1300,]	-0.67891464	-0.3147664
##	[1301,]	0.56238452	1.0865255
##	[1302,]	3.66563242	2.7680757
##	[1303,]	-0.67891464	-0.3147664
##	[1304,]	3.66563242	1.6470422
##	[1305,]	1.49335889	0.8062671
##	[1306,]	-0.36858985	0.8062671
##	[1307,]	-0.05826506	-0.5950247
##	[1308,]	-0.36858985	-0.5950247
##	[1309,]	-0.67891464	-0.3147664
##	[1310,]	-0.36858985	-0.5950247
##	[1311,]	-0.05826506	-0.5950247
##	[1312,]	-0.67891464	-1.1555415
##	[1313,]	-0.67891464	-1.1555415
##	[1314,]	-0.05826506	-1.1555415
##	[1315,]	0.87270931	0.8062671
##	[1316,]	-0.67891464	-1.1555415
##	[1317,]	1.49335889	0.8062671
##	[1318,]	-0.67891464	-0.5950247
##	[1319,]	0.25205973	1.6470422
##	[1320,]	-0.67891464	-1.1555415
##	[1321,]	0.25205973	-0.3147664
##	[1322,]	-0.05826506	-1.1555415
##	[1323,]	0.56238452	0.8062671
##	[1324,]	-0.05826506	-0.5950247
##	[1325,]	-0.36858985	0.5260087
##	[1326,]	-0.67891464	-1.1555415
##	[1327,]	-0.05826506	-0.5950247
##	[1328,]	-0.05826506	1.0865255
##	[1329,]	0.87270931	1.0865255
##	[1330,]	-0.67891464	-1.1555415
##	[1331,]	1.18303410	2.7680757
##	[1332,]	3.04498284	1.3667838
##	[1333,]	-0.36858985	-1.1555415
##	[1334,]	-0.67891464	0.8062671
##	[1335,]	1.49335889	-0.3147664
##	[1336,]	-0.05826506	-0.5950247

##	[1337,]	-0.67891464	-0.0345080
##	[1338,]	-0.67891464	-1.1555415
##	[1339,]	-0.67891464	-1.1555415
##	[1340,]	-0.67891464	-1.1555415
##	[1341,]	-0.36858985	0.8062671
##	[1342,]	-0.67891464	-0.5950247
##	[1343,]	-0.36858985	-1.1555415
##	[1344,]	-0.36858985	-0.5950247
##	[1345,]	-0.67891464	-0.0345080
##	[1346,]	-0.67891464	-0.5950247
##	[1347,]	0.25205973	1.0865255
##	[1348,]	-0.67891464	1.0865255
##	[1349,]	2.73465805	3.3285924
##	[1350,]	-0.36858985	-1.1555415
##	[1351,]	-0.67891464	0.8062671
##	[1352,]	0.56238452	0.8062671
##	[1353,]	-0.05826506	-0.5950247
##	[1354,]	0.25205973	-1.1555415
##	[1355,]	-0.36858985	-1.1555415
##	[1356,]	-0.36858985	-0.3147664
##	[1357,]	-0.36858985	-0.0345080
##	[1358,]	0.87270931	0.8062671
##	[1359,]	-0.36858985	-0.0345080
##	[1360,]	-0.67891464	-0.8752831
##	[1361,]	-0.05826506	-0.5950247
##	[1362,]	1.49335889	0.8062671
##	[1363,]	-0.67891464	-0.3147664
##	[1364,]	-0.67891464	1.3667838
##	[1365,]	-0.67891464	0.8062671
##	[1366,]	-0.67891464	-1.1555415
##	[1367,]	-0.36858985	-0.5950247
##	[1368,]	-0.36858985	-0.5950247
##	[1369,]	1.18303410	1.9273006
##	[1370,]	-0.05826506	-0.5950247
##	[1371,]	-0.36858985	0.8062671
##	[1372,]	-0.67891464	-1.1555415
##	[1373,]	1.49335889	1.3667838
##	[1374,]	-0.67891464	0.8062671
##	[1375,]	-0.67891464	-1.1555415
##	[1376,]	-0.67891464	-0.3147664
##	[1377,]	-0.67891464	-0.3147664
##	[1378,]	0.56238452	-0.3147664
##	[1379,]	-0.67891464	-1.1555415
##	[1380,]	-0.67891464	-1.1555415
##	[1381,]	-0.67891464	-0.0345080
##	[1382,]	-0.36858985	-0.0345080
##	[1383,]	-0.05826506	-0.3147664
##	[1384,]	-0.67891464	-0.5950247
##	[1385,]	-0.05826506	-0.8752831
##	[1386,]	-0.36858985	-0.8752831
##	[1387,]	1.49335889	0.5260087
##	[1388,]	-0.67891464	-0.5950247
##	[1389,]	-0.36858985	-0.5950247
##	[1390,]	1.80368368	0.8062671

##	[1391,]	-0.67891464	-0.3147664
##	[1392,]	-0.67891464	-1.1555415
##	[1393,]	-0.67891464	1.3667838
##	[1394,]	-0.67891464	0.8062671
##	[1395,]	-0.67891464	-1.1555415
##	[1396,]	-0.67891464	1.0865255
##	[1397,]	-0.05826506	-0.5950247
##	[1398,]	-0.05826506	-0.3147664
##	[1399,]	-0.05826506	1.0865255
##	[1400,]	-0.67891464	1.3667838
##	[1401,]	-0.36858985	-0.5950247
##	[1402,]	-0.36858985	-0.0345080
##	[1403,]	-0.67891464	-1.1555415
##	[1404,]	2.73465805	1.6470422
##	[1404,]	0.25205973	0.8062671
##	[1406,]	0.56238452	1.0865255
##	[1407,]	-0.36858985	-0.0345080
##	[1408,]	-0.36858985	-0.5950247
##	[1409,]	-0.36858985	-0.0345080
##	[1410,]	2.11400847	-0.0345080
##	[1411,]	0.87270931	1.6470422
##	[1412,]	-0.36858985	-0.5950247
##	[1413,]	-0.36858985	0.8062671
##	[1414,]	-0.67891464	-0.5950247
##	[1415,]	3.04498284	1.9273006
##	[1416,]	-0.67891464	-1.1555415
##	[1417,]	0.87270931	1.0865255
##	[1418,]	-0.36858985	-0.5950247
##	[1419,]	1.49335889	0.8062671
##	[1420,]	-0.36858985	-0.5950247
##	[1421,]	-0.36858985	-1.1555415
##	[1422,]	0.87270931	2.2075589
##	[1423,]	-0.05826506	-0.5950247
##	[1424,]	-0.36858985	-0.5950247
##	[1425,]	-0.67891464	1.0865255
##	[1426,]	1.80368368	-0.8752831
##	[1427,]	0.56238452	-0.8752831
##	[1428,]	-0.67891464	-1.1555415
##	[1429,]	-0.05826506	-0.5950247
##	[1430,]	-0.36858985	0.8062671
##	[1431,]	-0.36858985	1.9273006
##	[1432,]	0.87270931	0.8062671
##	[1433,]	1.18303410	1.0865255
##	[1434,]	-0.67891464	-0.0345080
##	[1435,]	-0.67891464	-1.1555415
##	[1436,]	-0.36858985	-0.5950247
##	[1437,]	-0.36858985	-0.5950247
##	[1438,]	-0.36858985	-0.3147664
##	[1439,]	-0.36858985	-1.1555415
##	[1440,]	0.25205973	-0.0345080
##	[1441,]	-0.67891464	-0.5950247
##	[1442,]	-0.36858985	1.3667838
##	[1443,]	-0.05826506	-0.5950247
##	[1444,]	0.56238452	2.7680757
	,,	3.00200102	2000.01

```
## [1445,]
                         2.11400847
                                                 1.0865255
  [1446,]
                                                 1.6470422
                        -0.67891464
## [1447,]
                        -0.36858985
                                                 0.8062671
## [1448,]
                         2.73465805
                                                 1.9273006
   [1449,]
                        -0.67891464
                                                -0.0345080
  [1450,]
                        -0.36858985
                                                -0.5950247
## [1451,]
                                                 0.8062671
                        -0.36858985
## [1452,]
                        -0.36858985
                                                 1.3667838
   [1453,]
                        -0.67891464
                                                -0.8752831
  [1454,]
                        -0.67891464
                                                -1.1555415
  [1455,]
                        -0.67891464
                                                -0.8752831
   [1456,]
                        -0.05826506
                                                -0.5950247
   [1457,]
                        -0.67891464
                                                -0.5950247
  [1458,]
                        -0.67891464
                                                -0.5950247
## [1459,]
                        -0.36858985
                                                -0.8752831
   [1460,]
                        -0.67891464
                                                -0.3147664
   [1461,]
                        -0.67891464
                                                -0.0345080
   [1462,]
                        -0.05826506
                                                -1.1555415
                         2.11400847
  [1463,]
                                                 0.5260087
## [1464,]
                        -0.36858985
                                                 0.8062671
## [1465,]
                        -0.67891464
                                                -1.1555415
## [1466,]
                        -0.67891464
                                                -0.3147664
## [1467,]
                        -0.36858985
                                                 0.8062671
   Г1468.]
                                                -0.3147664
                        -0.67891464
  [1469,]
##
                        -0.67891464
                                                 1.0865255
   [1470,]
                        -0.36858985
                                                -0.5950247
##
   attr(, "scaled:center")
                                                                   BusinessTravel
                      ï..Age
                                              Attrition
##
                                                                      2.607483e+00
                3.692381e+01
                                           1.161224e+00
##
                   DailyRate
                                             Department
                                                                 DistanceFromHome
##
                8.024857e+02
                                           2.260544e+00
                                                                      9.192517e+00
##
                   Education
                                        EducationField
                                                                    EmployeeCount
                                                                      1.000000e+00
##
                2.912925e+00
                                           3.247619e+00
##
                                                                            Gender
             EmployeeNumber
                               EnvironmentSatisfaction
##
                1.024865e+03
                                           2.721769e+00
                                                                      1.600000e+00
##
                  HourlyRate
                                        JobInvolvement
                                                                          JobLevel
##
                6.589116e+01
                                           2.729932e+00
                                                                     2.063946e+00
##
                     JobRole
                                       JobSatisfaction
                                                                    MaritalStatus
##
                5.458503e+00
                                           2.728571e+00
                                                                      2.097279e+00
##
              MonthlyIncome
                                                               NumCompaniesWorked
                                           MonthlyRate
##
                6.502931e+03
                                           1.431310e+04
                                                                      2.693197e+00
##
                      Over18
                                               OverTime
                                                                PercentSalaryHike
                1.000000e+00
                                                                      1.520952e+01
##
                                           1.282993e+00
##
          PerformanceRating RelationshipSatisfaction
                                                                    StandardHours
##
                                           2.712245e+00
                                                                      8.000000e+01
                3.153741e+00
##
           StockOptionLevel
                                     TotalWorkingYears
                                                            TrainingTimesLastYear
##
                7.938776e-01
                                           1.127959e+01
                                                                      2.799320e+00
##
            WorkLifeBalance
                                        YearsAtCompany
                                                               YearsInCurrentRole
##
                2.761224e+00
                                           7.008163e+00
                                                                      4.229252e+00
##
    YearsSinceLastPromotion
                                  YearsWithCurrManager
##
                2.187755e+00
                                          4.123129e+00
##
   attr(, "scaled:scale")
##
                      ï..Age
                                              Attrition
                                                                   BusinessTravel
                   9.1353735
##
                                              0.3678630
                                                                         0.6654549
```

##	DailyRate	Department	DistanceFromHome
##	403.5090999	0.5277923	8.1068644
##	Education	EducationField	EmployeeCount
##	1.0241649	1.3313691	0.0000000
##	EmployeeNumber	${\tt EnvironmentSatisfaction}$	Gender
##	602.0243348	1.0930822	0.4900647
##	${ t HourlyRate}$	${\tt JobInvolvement}$	JobLevel
##	20.3294276	0.7115611	1.1069399
##	JobRole	${\tt JobSatisfaction}$	MaritalStatus
##	2.4618213	1.1028461	0.7301208
##	${\tt MonthlyIncome}$	${ t MonthlyRate}$	${\tt NumCompaniesWorked}$
##	4707.9567831	7117.7860441	2.4980090
##	Over18	OverTime	${\tt PercentSalaryHike}$
##	0.0000000	0.4506065	3.6599377
##	PerformanceRating	${\tt RelationshipSatisfaction}$	StandardHours
##	0.3608235	1.0812089	0.0000000
##	${\tt StockOptionLevel}$	${ t TotalWorking Years}$	${\tt Training Times Last Year}$
##	0.8520767	7.7807817	1.2892706
##	WorkLifeBalance	${\tt YearsAtCompany}$	YearsInCurrentRole
##	0.7064758	6.1265252	3.6231370
##	${\tt YearsSinceLastPromotion}$	${\tt YearsWithCurrManager}$	
##	3.2224303	3.5681361	

## as.matrix(scale.data)

```
##
                i..Age Attrition BusinessTravel
                                                   DailyRate Department
##
      [1,]
           0.44619856 2.2801299
                                      0.5898476  0.742273931  1.4010356
      [2,]
##
           1.32191535 -0.4382732
                                      -0.9128837 -1.297333107 -0.4936491
##
      [3,]
           0.00834016 2.2801299
                                      0.5898476 1.413882080 -0.4936491
##
      [4,] -0.42951824 -0.4382732
                                      -0.9128837
                                                1.460968999 -0.4936491
##
      [5,] -1.08630583 -0.4382732
                                      0.5898476 -0.524116344 -0.4936491
##
      [6,] -0.53898284 -0.4382732
                                      -0.9128837 0.501882822 -0.4936491
##
      [7,] 2.41656135 -0.4382732
                                      0.5898476 1.292447397 -0.4936491
##
      [8,] -0.75791204 -0.4382732
                                      0.5898476 1.376708198 -0.4936491
                                      -0.9128837 -1.453463415 -0.4936491
##
      [9,] 0.11780476 -0.4382732
##
     [10,] -0.10112444 -0.4382732
                                      0.5898476 1.230490925 -0.4936491
     [11,] -0.21058904 -0.4382732
                                      ##
     [12,] -0.86737664 -0.4382732
                                      0.5898476 -1.609593723 -0.4936491
##
     [13,] -0.64844744 -0.4382732
                                      0.5898476 -0.328333895 -0.4936491
##
##
     [14,] -0.32005364 -0.4382732
                                      0.5898476 1.346969091 -0.4936491
##
     [15,] -0.97684124 2.2801299
                                      0.5898476 -1.733506665 -0.4936491
##
     [16,] -0.86737664 -0.4382732
                                      0.5898476 1.453534222 -0.4936491
     [17,] -0.53898284 -0.4382732
                                      0.5898476 -1.161028870 -0.4936491
##
##
     [18,] -1.63362883 -0.4382732
                                      -2.4156151 0.794317367 -0.4936491
##
     [19,] 1.75977375 -0.4382732
                                      0.5898476 1.032230217 1.4010356
##
     [20,] 0.11780476 -0.4382732
                                      0.5898476 -1.069333292 -0.4936491
##
     [21,] -1.41469963 -0.4382732
                                      -2.4156151 -0.320899118 -0.4936491
                                      0.5898476 1.029751958 1.4010356
##
     [22,] -0.10112444 2.2801299
##
     [23,] -0.32005364 -0.4382732
                                      0.5898476 -0.950376867 -0.4936491
     [24,] -1.74309343 -0.4382732
                                      0.5898476 -1.019768115 -0.4936491
##
##
     [25,] -0.32005364 2.2801299
                                      0.5898476 -0.256464388 -0.4936491
##
     [26,] 1.75977375 -0.4382732
                                      0.5898476 1.188360525 -0.4936491
##
     [27,] -0.53898284 2.2801299
                                     -0.9128837 0.799273884 -0.4936491
##
     [28,] 0.55566316 -0.4382732
                                      0.5898476 -0.276290459 1.4010356
```

```
##
    [29,] 0.77459236 -0.4382732
                                   0.5898476 -0.806637854 -0.4936491
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          0.11780476 -0.4382732
                                     0.5898476 -1.133768022 1.4010356
## [1453,]
          1.43137995 2.2801299
                                     -0.9128837 0.187143947
                                                            1.4010356
                                     0.5898476 0.786882590
## [1454,] -0.10112444 -0.4382732
                                                            1.4010356
                                     0.5898476 -1.061898516 1.4010356
## [1455,]
           0.88405696 -0.4382732
## [1456.]
           0.33673396 -0.4382732
                                     0.5898476 1.287490879 -0.4936491
## [1457,] -0.21058904 -0.4382732
                                     ## [1458,] 0.33673396 -0.4382732
                                     0.5898476 0.970273745 -0.4936491
## [1459,] -0.21058904 -0.4382732
                                     0.5898476 -1.277507036 -0.4936491
## [1460,] -0.86737664 -0.4382732
                                     0.5898476 1.426273375 -0.4936491
## [1461,] -0.86737664 -0.4382732
                                     0.5898476 -0.828942183 -0.4936491
## [1462,] 1.43137995 2.2801299
                                     0.5898476 -0.972681197 1.4010356
## [1463,]
           0.22726936 -0.4382732
                                     0.5898476 -0.199464434 1.4010356
## [1464,] -0.64844744 -0.4382732
                                     -2.4156151 -1.183333200 -0.4936491
## [1465,] -1.19577043 -0.4382732
                                     0.5898476 0.903360756 1.4010356
  [1466,] -0.10112444 -0.4382732
                                     [1467,] 0.22726936 -0.4382732
                                     0.5898476 -0.469594649 -0.4936491
  [1468,] -1.08630583 -0.4382732
                                     0.5898476 -1.604637205 -0.4936491
  [1469,] 1.32191535 -0.4382732
                                     -0.9128837 0.546491481 1.4010356
  [1470,] -0.32005364 -0.4382732
                                     0.5898476 -0.432420766 -0.4936491
##
                             Education EducationField EmployeeCount
          DistanceFromHome
##
      [1,]
               -1.01056544 -0.89138490
                                          -0.9370948
                                                               NaN
      [2,]
               -0.14709966 -1.86779013
                                                               NaN
##
                                          -0.9370948
##
      [3,]
               -0.88721318 -0.89138490
                                                               NaN
                                           1.3162247
##
      [4,]
               -0.76386093 1.06142554
                                          -0.9370948
                                                               NaN
##
      [5,]
                                                               NaN
               -0.88721318 -1.86779013
                                           0.5651182
##
      [6,]
               -0.88721318 -0.89138490
                                          -0.9370948
                                                               NaN
      [7,]
##
               -0.76386093 0.08502032
                                           0.5651182
                                                               NaN
##
      [8,]
                1.82653640 -1.86779013
                                          -0.9370948
                                                               NaN
##
      [9,]
                1.70318415 0.08502032
                                          -0.9370948
                                                               NaN
##
     [10,]
                2.19659316
                           0.08502032
                                           0.5651182
                                                               NaN
##
     [11,]
                0.83971837
                            0.08502032
                                           0.5651182
                                                               NaN
                0.71636612 -0.89138490
##
     [12,]
                                          -0.9370948
                                                               NaN
##
     [13,]
                2.07324091 -1.86779013
                                          -0.9370948
                                                               NaN
##
     [14,]
                1.20977513 -0.89138490
                                           0.5651182
                                                               NaN
##
     [15,]
                1.82653640 0.08502032
                                          -0.9370948
                                                               NaN
```

0.5898476 -1.589767652 -0.4936491

## [1433,] 0.00834016 -0.4382732

##	[16,]	1.45647964	1.06142554	-0.9370948	NaN
##	[17,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[18,]	0.83971837	-0.89138490	0.5651182	NaN
##	[19,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[20,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[21,]	0.22295710	-0.89138490	1.3162247	NaN
##	[22,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[23,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[24,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[25,]	-0.39380417		0.5651182	NaN
##	[26,]	-0.51715642	0.08502032	1.3162247	NaN
##	[27,]		-1.86779013	-0.9370948	NaN
##	[28,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[29,]	-0.27045191	1.06142554	0.5651182	NaN
##	[30,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[31,]	-0.88721318	0.08502032	0.5651182	NaN
##	[32,]	0.09960485	1.06142554	1.3162247	NaN
##	[33,]	-0.02374741		0.5651182	NaN
##	[34,]	-0.51715642	0.08502032	2.0673313	NaN
##	[35,]	-1.01056544	0.08502032	0.5651182	NaN
##	[36,]	-0.88721318		0.5651182	NaN
##	[37,]	-0.76386093		-0.1859883	NaN
##	[38,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[39,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[40,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[40,]	-0.64050868		1.3162247	NaN
##	[41,]	-0.88721318	1.06142554	-0.9370948	NaN
	[43,]	1.94988866	0.08502032	-0.9370948	NaN
##					
##	[44,]	-0.14709966	0.08502032	-0.9370948	NaN NaN
##	[45,]		-0.89138490	0.5651182	NaN
##	[46,]	0.34630935	0.08502032	2.0673313	NaN
##	[47,]	1.70318415	1.06142554	-0.1859883	NaN
##	[48,]		-0.89138490	-0.9370948	NaN
##	[49,]	-0.51715642	1.06142554	-0.1859883	NaN
##	[50,]	-0.14709966		-0.9370948	NaN
##	[51,]	-1.01056544		-0.9370948	NaN
##	[52,]	-0.51715642	1.06142554	2.0673313	NaN
##	[53,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[54,]		-0.89138490	0.5651182	NaN
##	[55,]	1.70318415	0.08502032	-0.1859883	NaN
##	[56,]		-0.89138490	-0.9370948	NaN
##	[57,]	1.08642288	2.03783076	-0.9370948	NaN
##	[58,]	1.70318415	1.06142554	0.5651182	NaN
##	[59,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[60,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[61,]	-1.01056544	0.08502032	0.5651182	NaN
##	[62,]	2.44329767	2.03783076	-0.9370948	NaN
##	[63,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[64,]	1.94988866	0.08502032	-0.9370948	NaN
##	[65,]	-0.14709966	0.08502032	2.0673313	NaN
##	[66,]	-0.14709966	0.08502032	0.5651182	NaN
##	[67,]	0.22295710	0.08502032	-0.9370948	NaN
##	[68,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[69,]	-1.01056544	0.08502032	0.5651182	NaN

##	[70,]	-0.02374741	0.08502032	0.5651182	NaN
##	[71,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[72,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[73,]	-1.01056544	1.06142554	0.5651182	NaN
##	[74,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[75,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[76,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[77,]	-1.01056544	1.06142554	-0.1859883	NaN
##	[78,]	-0.39380417	1.06142554	1.3162247	NaN
##	[79,]	-0.27045191	1.06142554	0.5651182	NaN
##	[80,]	-0.51715642		0.5651182	NaN
					NaN
##	[81,]	-1.01056544		-0.9370948	
##	[82,]	-1.01056544	0.08502032	0.5651182	NaN
##	[83,]	-1.01056544		-0.9370948	NaN
##	[84,]	-0.39380417	0.08502032	0.5651182	NaN
##	[85,]	-1.01056544		0.5651182	NaN
##	[86,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[87,]	-0.88721318	-1.86779013	2.0673313	NaN
##	[88,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[89,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[90,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[91,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[92,]	1.45647964	1.06142554	-0.1859883	NaN
##	[93,]	-0.64050868	-0.89138490	0.5651182	NaN
##	[94,]	-1.01056544	0.08502032	0.5651182	NaN
##	[95,]	-0.39380417	1.06142554	0.5651182	NaN
##	[96,]	-0.88721318	1.06142554	2.0673313	NaN
##	[97,]	-0.76386093	-0.89138490	1.3162247	NaN
##	[98,]	-0.64050868	0.08502032	0.5651182	NaN
##	[99,]	0.09960485	1.06142554	0.5651182	NaN
##	[100,]	1.70318415	0.08502032	0.5651182	NaN
##	[101,]	-0.39380417	1.06142554	-1.6882013	NaN
##	[102,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[103,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[104,]	-0.39380417	1.06142554	1.3162247	NaN
##	[105,]	-0.88721318		-0.9370948	NaN
##	[106,]	-0.88721318	1.06142554	-1.6882013	NaN
##	[107,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[108,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[109,]	-0.27045191	-1.86779013	0.5651182	NaN
##	[110,]	0.71636612	0.08502032	0.5651182	NaN
##	[111,]	-1.01056544	1.06142554	0.5651182	NaN
##	[112,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[113,]	2.07324091	0.08502032	-1.6882013	NaN
##	[114,]	1.08642288	-1.86779013	-0.9370948	NaN
##	[115,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[116,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[117,]	-0.51715642	0.08502032	0.5651182	NaN
##	[118,]		-0.89138490	2.0673313	NaN
##	[119,]	-0.76386093		-0.9370948	NaN
##	[120,]		-0.89138490	-0.9370948	NaN
##	[121,]	1.70318415	0.08502032	-0.9370948	NaN
##	[122,]		-0.89138490	-0.1859883	NaN
##	[123,]	0.59301386	1.06142554	-0.9370948	NaN
πĦ	[140,]	0.05001000	1.00142004	0.3010340	IValV

##	[124,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[125,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[126,]	-0.39380417	0.08502032	1.3162247	NaN
##	[127,]	1.70318415	1.06142554	0.5651182	NaN
##	[128,]	1.57983189	-1.86779013	-0.1859883	NaN
##	[129,]	-0.88721318	-1.86779013	2.0673313	NaN
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##	[131,]	2.31994542	0.08502032	0.5651182	NaN
##	[132,]	0.34630935	0.08502032	-0.1859883	NaN
##	[133,]	1.33312739	0.08502032	-0.9370948	NaN
##	[134,]		-1.86779013	-0.9370948	NaN
##	[135,]		-1.86779013	-0.9370948	NaN
##	[136,]	-0.39380417	-0.89138490	0.5651182	NaN
##	[137,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[138,]	-0.64050868	1.06142554	-0.9370948	NaN
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##	[140,]	-0.02374741	0.08502032	-1.6882013	NaN
##	[141,]	-0.02374741	0.08502032	0.5651182	NaN
##	[142,]	2.44329767	0.08502032	0.5651182	NaN
##	[143,]	-0.76386093	2.03783076	2.0673313	NaN
##	[144,]	1.08642288	0.08502032	-0.9370948	NaN
##	[145,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[146,]	-0.51715642	0.08502032	2.0673313	NaN
##	[147,]	-0.88721318		0.5651182	NaN
##	[148,]	0.09960485	0.08502032	-0.9370948	NaN
##	[149,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[150,]		-1.86779013	0.5651182	NaN
##	[151,]	2.07324091	0.08502032	0.5651182	NaN
##	[151,]	-1.01056544	2.03783076	-0.1859883	NaN
	[152,]	-0.39380417	-0.89138490	-0.1859883	NaN
##		-0.02374741	0.08502032	-0.1659665	
##	[154,] [155,]				NaN
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##	[156,]		-1.86779013	2.0673313	NaN
##	[157,]	-0.27045191	1.06142554	0.5651182	NaN
##	[158,]	-0.02374741	0.08502032	0.5651182	NaN
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##	[160,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[161,]		-1.86779013	0.5651182	NaN
##	[162,]	-0.02374741	0.08502032	0.5651182	NaN
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##	[164,]	1.82653640	-0.89138490	-0.9370948	NaN
##	[165,]	-0.76386093	0.08502032	0.5651182	NaN
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##	[167,]	0.59301386	0.08502032	-0.9370948	NaN
##	[168,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[169,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[170,]	-0.39380417	2.03783076	-0.9370948	NaN
##	[171,]	0.96307062	0.08502032	2.0673313	NaN
##	[172,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[173,]		-0.89138490	0.5651182	NaN
##	[174,]	-0.02374741	0.08502032	0.5651182	NaN
##	[175,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[176,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[177,]	-0.88721318	0.08502032	-0.9370948	NaN

##	[178,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[179,]	-1.01056544	-0.89138490	-0.1859883	NaN
##	[180,]	-0.02374741	-0.89138490	-0.9370948	NaN
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##	[182,]	2.19659316	-0.89138490	0.5651182	NaN
##	[183,]	1.33312739	-0.89138490	-0.1859883	NaN
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##	[185,]		-0.89138490	0.5651182	NaN
##	[186,]	0.59301386	0.08502032	0.5651182	NaN
##	[187,]	-0.64050868		0.5651182	NaN
##	[188,]	0.59301386	1.06142554	0.5651182	NaN
##	[189,]	-0.88721318		-0.9370948	NaN
##	[190,]	-0.76386093	0.08502032	0.5651182	NaN
##	[190,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[192,]	-0.02374741	0.08502032	0.5651182	NaN
##	[193,]		-0.89138490	-0.9370948	NaN
##	[194,]	-0.27045191	0.08502032	0.5651182	NaN
##	[195,]	-0.88721318		0.5651182	NaN
##	[196,]	1.45647964	0.08502032	-0.9370948	NaN
##	[197,]	-0.88721318	0.08502032	0.5651182	NaN
##	[198,]		-0.89138490	0.5651182	NaN
##	[199,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[200,]	2.44329767	0.08502032	2.0673313	NaN
##	[201,]	-1.01056544		2.0673313	NaN
##	[202,]	1.08642288	1.06142554	-0.9370948	NaN
##	[203,]	0.09960485	1.06142554	0.5651182	NaN
##	[204,]	1.20977513	-0.89138490	0.5651182	NaN
##	[205,]		-1.86779013	0.5651182	NaN
##	[206,]	2.19659316	0.08502032	-0.1859883	NaN
##	[207,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[208,]	1.08642288	-1.86779013	0.5651182	NaN
##	[209,]	-0.02374741	2.03783076	-0.9370948	NaN
##	[210,]	-1.01056544	1.06142554	0.5651182	NaN
##	[211,]	-0.64050868	1.06142554	0.5651182	NaN
##	[212,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[213,]	1.33312739	0.08502032	-0.9370948	NaN
##	[214,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[215,]	-0.76386093	0.08502032	2.0673313	NaN
##	[216,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[217,]	2.07324091	1.06142554	-0.1859883	NaN
##	[218,]	-1.01056544	0.08502032	2.0673313	NaN
##	[219,]	-0.39380417	0.08502032	0.5651182	NaN
##	[220,]	-0.76386093	0.08502032	-0.1859883	NaN
##	[221,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[222,]	-0.64050868	1.06142554	0.5651182	NaN
##	[223,]	0.22295710	0.08502032	1.3162247	NaN
##	[224,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[225,]	-1.01056544	1.06142554	0.5651182	NaN
##	[226,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[227,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[228,]		-1.86779013	0.5651182	NaN
##	[229,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[230,]		-1.86779013	0.5651182	NaN
##	[231,]	-0.88721318	0.08502032	-0.9370948	NaN
ππ	[201,]	0.00721010	0.00002002	0.9010940	ivalv

	<b>5 3</b>				
##	[232,]		-0.89138490	2.0673313	NaN
##	[233,]	-0.39380417	-0.89138490	0.5651182	NaN
##	[234,]	-1.01056544	1.06142554	0.5651182	NaN
##	[235,]	0.59301386	0.08502032	0.5651182	NaN
##	[236,]	0.83971837	0.08502032	-0.1859883	NaN
##	[237,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[238,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[239,]	-0.64050868		-0.9370948	NaN
##	[240,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[241,]	-1.01056544	1.06142554	0.5651182	NaN
##	[242,]	2.07324091	1.06142554	-0.1859883	NaN
##	[243,]		-0.89138490	-0.9370948	NaN
##	[244,]		-0.89138490	2.0673313	NaN
##	[244,]	-1.01056544	0.08502032	1.3162247	NaN
	•				
##	[246,]	-0.76386093	1.06142554	0.5651182	NaN
##	[247,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[248,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[249,]	-1.01056544		0.5651182	NaN
##	[250,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[251,]	0.09960485	0.08502032	0.5651182	NaN
##	[252,]	-0.88721318	1.06142554	2.0673313	NaN
##	[253,]	0.71636612	0.08502032	-0.9370948	NaN
##	[254,]		-0.89138490	-0.9370948	NaN
##	[255,]	1.33312739	-0.89138490	-0.1859883	NaN
##	[256,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[257,]	-0.88721318	0.08502032	0.5651182	NaN
##	[258,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[259,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[260,]	2.44329767	-0.89138490	0.5651182	NaN
##	[261,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[262,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[263,]	-0.88721318	-1.86779013	2.0673313	NaN
##	[264,]	-0.88721318	0.08502032	2.0673313	NaN
##	[265,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[266,]	-0.88721318	0.08502032	0.5651182	NaN
##	[267,]	1.70318415	0.08502032	0.5651182	NaN
##	[268,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[269,]	1.33312739	-0.89138490	0.5651182	NaN
##	[270,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[271,]	-1.01056544	0.08502032	0.5651182	NaN
##	[272,]	2.44329767	1.06142554	-0.9370948	NaN
##	[273,]	-0.02374741	0.08502032	0.5651182	NaN
##	[274,]	-0.39380417	1.06142554	0.5651182	NaN
##	[275,]		-0.89138490	0.5651182	NaN
##	[276,]	-1.01056544	1.06142554	0.5651182	NaN
##	[277,]	1.57983189	0.08502032	-0.9370948	NaN
##	[278,]	-0.27045191		0.5651182	NaN
##	[279,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[280,]		-1.86779013	-0.9370948	NaN
##	[281,]	-0.76386093	1.06142554	0.5651182	NaN
##	[282,]		-1.86779013	-0.9370948	NaN
##	[283,]		-0.89138490	-0.9370948	NaN NaN
##	[284,]		-0.89138490	2.0673313	NaN
## ##	[285,]		-0.89138490	0.5651182	NaN NaN
##	[200,]	0.22293110	0.03130490	0.0001182	IValV

##	[286,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[287,]	1.82653640	0.08502032	-0.9370948	NaN
##	[288,]	1.70318415	1.06142554	-0.9370948	NaN
##	[289,]	0.83971837	1.06142554	0.5651182	NaN
##	[290,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[291,]	0.09960485	1.06142554	-0.9370948	NaN
##	[292,]	-0.76386093	0.08502032	2.0673313	NaN
##	[293,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[294,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[295,]	-0.02374741	0.08502032	0.5651182	NaN
##	[296,]	2.07324091	0.08502032	-0.1859883	NaN
##	[297,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[298,]	0.83971837	0.08502032	-0.1859883	NaN
##	[299,]	1.08642288	1.06142554	-0.9370948	NaN
##	[300,]	-0.88721318	0.08502032	0.5651182	NaN
##	[301,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[302,]	0.09960485	0.08502032	0.5651182	NaN
##	[303,]	0.83971837	-0.89138490	0.5651182	NaN
##	[304,]	-0.27045191	0.08502032	2.0673313	NaN
##	[305,]	-1.01056544	0.08502032	0.5651182	NaN
##	[306,]	1.82653640	1.06142554	-0.9370948	NaN
##	[307,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[308,]	1.94988866	-0.89138490	-0.9370948	NaN
##	[309,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[310,]	-0.51715642	1.06142554	2.0673313	NaN
##	[311,]	-0.88721318	0.08502032	-1.6882013	NaN
##	[312,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[313,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[314,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[315,]	0.09960485	-1.86779013	0.5651182	NaN
##	[316,]	0.09960485	1.06142554	-0.9370948	NaN
##	[317,]	-1.01056544	-0.89138490	2.0673313	NaN
##	[318,]	-0.14709966	1.06142554	0.5651182	NaN
##	[319,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[320,]	-0.14709966	-0.89138490	2.0673313	NaN
##	[321,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[322,]	-0.27045191	0.08502032	-0.1859883	NaN
##	[323,]	-0.88721318	1.06142554	0.5651182	NaN
##	[324,]	-0.88721318	1.06142554	0.5651182	NaN
##	[325,]	2.31994542	-0.89138490	0.5651182	NaN
##	[326,]	-0.27045191	-0.89138490	-0.9370948	NaN
##	[327,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[328,]	-0.76386093		0.5651182	NaN
##	[329,]	0.09960485	0.08502032	-0.1859883	NaN
##	[330,]	-0.51715642	2.03783076	-0.9370948	NaN
##	[331,]	0.09960485	1.06142554	-0.9370948	NaN
##	[332,]		-1.86779013	-0.1859883	NaN
##	[333,]	1.33312739	1.06142554	-0.9370948	NaN
##	[334,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[335,]	-0.14709966	1.06142554	1.3162247	NaN
##	[336,]		-0.89138490	0.5651182	NaN
##	[337,]	-0.14709966	1.06142554	1.3162247	NaN
##	[338,]	-0.02374741	2.03783076	1.3162247	NaN
##	[339,]	-0.51715642	0.08502032	-0.1859883	NaN

##	[340,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[341,]	-0.51715642	-0.89138490	0.5651182	NaN
##	[342,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[343,]	-0.27045191	1.06142554	0.5651182	NaN
##	[344,]	0.09960485	-1.86779013	-0.1859883	NaN
##	[345,]	-0.51715642	1.06142554	2.0673313	NaN
##	[346,]	2.07324091	-1.86779013	-0.9370948	NaN
##	[347,]	-0.39380417	0.08502032	0.5651182	NaN
##	[348,]	-0.64050868		0.5651182	NaN
##	[349,]	1.70318415	2.03783076	-0.9370948	NaN
##	[350,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[351,]	-0.88721318		2.0673313	NaN
##	[352,]	-0.88721318	0.08502032	0.5651182	NaN NaN
##	[353,]		-1.86779013	0.5651182	NaN
##	[354,]	-0.39380417	0.08502032	0.5651182	NaN
##	[355,]		-0.89138490	2.0673313	NaN
##	[356,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[357,]	-0.88721318	1.06142554	1.3162247	NaN
##	[358,]	-1.01056544		2.0673313	NaN
##	[359,]	-1.01056544	2.03783076	0.5651182	NaN
##	[360,]	-0.76386093	1.06142554	0.5651182	NaN
##	[361,]	-1.01056544	1.06142554	0.5651182	NaN
##	[362,]	0.09960485	1.06142554	-0.9370948	NaN
##	[363,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[364,]	-0.51715642	0.08502032	-0.1859883	NaN
##	[365,]	0.09960485	0.08502032	0.5651182	NaN
##	[366,]	-0.27045191	1.06142554	0.5651182	NaN
##	[367,]	-0.64050868	0.08502032	-0.1859883	NaN
##	[368,]	0.09960485	0.08502032	2.0673313	NaN
##	[369,]	1.57983189	-0.89138490	-0.1859883	NaN
##	[370,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[371,]	0.34630935	0.08502032	-0.9370948	NaN
##	[372,]	1.70318415	0.08502032	-0.9370948	NaN
##	[373,]	-0.02374741	1.06142554	-0.9370948	NaN
			-0.89138490		
##	[374,]			0.5651182	NaN NaN
##	[375,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[376,]	-0.27045191	0.08502032	1.3162247	NaN
##	[377,]		-0.89138490	-0.9370948	NaN
##	[378,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[379,]	1.20977513	0.08502032	-0.1859883	NaN
##	[380,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[381,]	0.09960485	1.06142554	-0.1859883	NaN
##	[382,]	-0.88721318		2.0673313	NaN
##	[383,]	-0.76386093	-1.86779013	2.0673313	NaN
##	[384,]	0.22295710	0.08502032	0.5651182	NaN
##	[385,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[386,]	-0.64050868	0.08502032	2.0673313	NaN
##	[387,]	0.59301386	0.08502032	-0.9370948	NaN
##	[388,]	-0.88721318	-0.89138490	-0.1859883	NaN
##	[389,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[390,]	0.09960485	1.06142554	-0.9370948	NaN
##	[391,]	0.34630935	0.08502032	-0.9370948	NaN
##	[392,]	-0.88721318	0.08502032	0.5651182	NaN
##	[393,]	-0.51715642		0.5651182	NaN
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	5 <b>3</b>				
##	[394,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[395,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[396,]	1.45647964	0.08502032	0.5651182	NaN
##	[397,]	-0.14709966	1.06142554	1.3162247	NaN
##	[398,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[399,]	1.94988866	2.03783076	0.5651182	NaN
##	[400,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[401,]	-1.01056544		-0.9370948	NaN
##	[402,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[403,]	0.34630935	0.08502032	2.0673313	NaN
##	[404,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[404,]		-0.89138490	0.5651182	NaN
				0.5651182	
##	[406,]	-0.76386093	0.08502032		NaN
##	[407,]	-0.76386093	0.08502032	0.5651182	NaN
##	[408,]		-0.89138490	-0.9370948	NaN
##	[409,]	-0.64050868		-0.9370948	NaN
##	[410,]		-0.89138490	-0.9370948	NaN
##	[411,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[412,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[413,]	1.08642288	0.08502032	0.5651182	NaN
##	[414,]	2.31994542	1.06142554	2.0673313	NaN
##	[415,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[416,]	-0.39380417	-0.89138490	-0.1859883	NaN
##	[417,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[418,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[419,]	1.70318415	0.08502032	-0.9370948	NaN
##	[420,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[421,]	-0.76386093	1.06142554	0.5651182	NaN
##	[422,]	1.94988866	2.03783076	2.0673313	NaN
##	[423,]	-0.88721318	-0.89138490	2.0673313	NaN
##	[424,]	1.57983189	1.06142554	1.3162247	NaN
	[424,]	2.44329767	0.08502032	-0.1859883	
##					NaN
##	[426,]	2.44329767	1.06142554	-0.9370948	NaN
##	[427,]	-0.88721318	0.08502032	0.5651182	NaN
##	[428,]	2.31994542	0.08502032	-0.1859883	NaN
##	[429,]	-0.88721318		0.5651182	NaN
##	[430,]	-0.88721318	0.08502032	-0.9370948	NaN
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##	[433,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[434,]	0.09960485	0.08502032	-0.1859883	NaN
##	[435,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[436,]	0.71636612	-1.86779013	0.5651182	NaN
##	[437,]	0.09960485	-1.86779013	0.5651182	NaN
##	[438,]	-0.27045191	-1.86779013	-0.1859883	NaN
##	[439,]	0.83971837	0.08502032	-0.9370948	NaN
##	[440,]	1.33312739		-0.9370948	NaN
##	[441,]	1.70318415	0.08502032	-1.6882013	NaN
##	[442,]	-0.51715642		1.3162247	NaN
##	[443,]	0.09960485	1.06142554	0.5651182	NaN
##	[444,]	-0.64050868		2.0673313	NaN
##	[445,]	-0.88721318	2.03783076	-0.1859883	NaN
##	[446,]	1.08642288	2.03783076	-0.1839883	
			-0.89138490	-0.9370948	NaN NaN
##	[447,]	0.09900485	0.09138490	-0.9310948	NaN

##	[448,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[449,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[450,]	-0.14709966	-1.86779013	-0.9370948	NaN
##	[451,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[452,]	1.82653640	0.08502032	0.5651182	NaN
##	[453,]	-0.88721318	0.08502032	1.3162247	NaN
##	[454,]	0.96307062	1.06142554	-0.9370948	NaN
##	[455,]	1.20977513	0.08502032	2.0673313	NaN
##	[456,]	-1.01056544	2.03783076	0.5651182	NaN
##	[457,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[458,]		0.08502032		NaN
		-0.51715642		-0.1859883	
##	[459,]	2.31994542	0.08502032	1.3162247	NaN
##	[460,]	-0.88721318	1.06142554	1.3162247	NaN
##	[461,]		-0.89138490	0.5651182	NaN
##	[462,]	-1.01056544	0.08502032	0.5651182	NaN
##	[463,]	1.45647964	1.06142554	-0.9370948	NaN
##	[464,]	1.82653640	0.08502032	2.0673313	NaN
##	[465,]	-1.01056544	0.08502032	2.0673313	NaN
##	[466,]	1.08642288	-1.86779013	0.5651182	NaN
##	[467,]	-0.88721318	2.03783076	-0.9370948	NaN
##	[468,]	-0.02374741	1.06142554	0.5651182	NaN
##	[469,]	-0.39380417	-0.89138490	2.0673313	NaN
##	[470,]	0.22295710	1.06142554	1.3162247	NaN
##	[471,]	1.82653640	0.08502032	0.5651182	NaN
##	[472,]	0.09960485	0.08502032	0.5651182	NaN
##	[473,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[474,]	1.08642288	1.06142554	-0.9370948	NaN
		1.70318415	0.08502032	0.5651182	
##	[475,]				NaN
##	[476,]		-0.89138490	-0.1859883	NaN
##	[477,]		-0.89138490	1.3162247	NaN
##	[478,]	-0.76386093	0.08502032	0.5651182	NaN
##	[479,]		-1.86779013	0.5651182	NaN
##	[480,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[481,]	0.34630935	1.06142554	-0.9370948	NaN
##	[482,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[483,]	0.46966161	1.06142554	0.5651182	NaN
##	[484,]	1.94988866	-0.89138490	1.3162247	NaN
##	[485,]	-0.39380417	1.06142554	0.5651182	NaN
##	[486,]	-0.39380417	1.06142554	0.5651182	NaN
##	[487,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[488,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[489,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[490,]	-0.39380417	1.06142554	1.3162247	NaN
##	[491,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[492,]	-0.02374741	2.03783076	0.5651182	NaN
##	[493,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[494,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[494,]	0.59301386	0.08502032	2.0673313	NaN
##	[496,]		-1.86779013	-0.1859883	
					NaN
##	[497,]		-1.86779013	2.0673313	NaN
##	[498,]	-0.76386093	1.06142554	1.3162247	NaN
##	[499,]	-0.39380417		0.5651182	NaN
##	[500,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[501,]	-0.02374741	1.06142554	-0.9370948	NaN

	T			0 -0-1100	
##	[502,]	-0.76386093	0.08502032	0.5651182	NaN
##	[503,]	-1.01056544		0.5651182	NaN
##	[504,]	-1.01056544	2.03783076	-0.9370948	NaN
##	[505,]	2.07324091	1.06142554	-0.9370948	NaN
##	[506,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[507,]	-0.76386093	0.08502032	1.3162247	NaN
##	[508,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[509,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[510,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[511,]	1.20977513	1.06142554	0.5651182	NaN
##	[512,]	-0.02374741		0.5651182	NaN
##	[513,]		1.06142554	0.5651182	NaN
		-0.76386093			
##	[514,]		-1.86779013	0.5651182	NaN
##	[515,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[516,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[517,]	-0.64050868	0.08502032	0.5651182	NaN
##	[518,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[519,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[520,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[521,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[522,]	-0.76386093	-1.86779013	0.5651182	NaN
##	[523,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[524,]	2.31994542	-1.86779013	0.5651182	NaN
##	[525,]	-0.02374741	0.08502032	0.5651182	NaN
##	[526,]	-0.76386093		-0.9370948	NaN
##	[527,]	-0.88721318	1.06142554	2.0673313	NaN
##	[528,]	0.09960485	0.08502032	-0.1859883	NaN
##	[529,]	-0.14709966		2.0673313	NaN
	[530,]	-1.01056544	1.06142554	-0.9370948	NaN
##					
##	[531,]	-1.01056544		-0.9370948	NaN
##	[532,]	-0.76386093		-0.9370948	NaN
##	[533,]	0.59301386	1.06142554	-0.1859883	NaN
##	[534,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[535,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[536,]	0.09960485	1.06142554	-1.6882013	NaN
##	[537,]	0.83971837	1.06142554	-0.1859883	NaN
##	[538,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[539,]	-1.01056544	0.08502032	-1.6882013	NaN
##	[540,]	-0.14709966	1.06142554	-0.1859883	NaN
##	[541,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[542,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[543,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[544,]	1.82653640	0.08502032	0.5651182	NaN
##	[545,]	-0.76386093	0.08502032	0.5651182	NaN
##	[546,]	2.19659316	2.03783076	-0.1859883	NaN
##	[547,]	0.09960485	0.08502032	-0.9370948	NaN
##	[548,]	1.20977513	0.08502032	0.5651182	NaN
##	[549,]	0.71636612	0.08502032	-0.9370948	NaN
##	[550,]	-0.14709966	-0.89138490	0.5651182	NaN
	[551,]				
##		-0.02374741	-1.86779013	0.5651182	NaN
##	[552,]	-0.76386093	0.08502032	-1.6882013	NaN
##	[553,]	-0.02374741	0.08502032	0.5651182	NaN
##	[554,]	-0.88721318		0.5651182	NaN
##	[555,]	-0.27045191	0.08502032	0.5651182	NaN

##	[556,]	0.09960485	0.08502032	-0.1859883	NaN
##	[557,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[558,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[559,]	1.82653640	1.06142554	-0.9370948	NaN
##	[560,]	-0.88721318	2.03783076	0.5651182	NaN
##	[561,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[562,]	-0.76386093	1.06142554	-0.1859883	NaN
##	[563,]	-1.01056544	1.06142554	1.3162247	NaN
##	[564,]		-1.86779013	0.5651182	NaN
##	[565,]	-0.88721318		2.0673313	NaN
##	[566,]		-1.86779013	0.5651182	NaN
##	[567,]		-0.89138490	-0.9370948	NaN
##	[568,]	-0.88721318	0.08502032	1.3162247	NaN
##	[569,]	-0.88721318	0.08502032	0.5651182	NaN
##	[570,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[571,]	1.20977513	1.06142554	0.5651182	NaN
##	[572,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[573,]	2.19659316	0.08502032	0.5651182	NaN
##	[574,]	-0.14709966	0.08502032	2.0673313	NaN
##	[575,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[576,]	1.20977513	1.06142554	0.5651182	NaN
##	[577,]	-0.14709966	-1.86779013	-0.1859883	NaN
##	[578,]		-1.86779013	-0.9370948	NaN
##	[579,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[580,]	-0.88721318	1.06142554	0.5651182	NaN
##	[581,]	-0.14709966	1.06142554	-0.9370948	NaN
	[582,]	-1.01056544	0.08502032	-0.9370948	NaN
##					
##	[583,]		-0.89138490	0.5651182	NaN
##	[584,]		-0.89138490	-0.9370948	NaN
##	[585,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[586,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[587,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[588,]	0.22295710	1.06142554	-0.9370948	NaN
##	[589,]	-0.88721318	0.08502032	0.5651182	NaN
##	[590,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[591,]	-0.27045191	0.08502032	0.5651182	NaN
##	[592,]	0.83971837	0.08502032	-0.1859883	NaN
##	[593,]	-0.88721318	-0.89138490	1.3162247	NaN
##	[594,]	-1.01056544	0.08502032	1.3162247	NaN
##	[595,]		-0.89138490	-0.9370948	NaN
##	[596,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[597,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[598,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[599,]	-0.88721318	1.06142554	0.5651182	
		0.46966161		-1.6882013	NaN
##	[600,]		0.08502032		NaN
##	[601,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[602,]	0.83971837	1.06142554	0.5651182	NaN
##	[603,]	-0.88721318	0.08502032	0.5651182	NaN
##	[604,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[605,]	2.44329767	0.08502032	-0.9370948	NaN
##	[606,]	0.34630935	0.08502032	-0.9370948	NaN
##	[607,]	0.83971837	1.06142554	-0.9370948	NaN
##	[608,]	0.22295710	0.08502032	-0.1859883	NaN
##	[609,]	-0.88721318	-1.86779013	0.5651182	NaN

##	[610,]		-0.89138490	-0.9370948	NaN
##	[611,]	-0.51715642	-1.86779013	2.0673313	NaN
##	[612,]	-0.27045191	0.08502032	1.3162247	NaN
##	[613,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[614,]	-0.76386093	-0.89138490	-1.6882013	NaN
##	[615,]	-0.51715642	-0.89138490	0.5651182	NaN
##	[616,]	-0.76386093	0.08502032	0.5651182	NaN
##	[617,]	2.07324091	1.06142554	-0.1859883	NaN
##	[618,]	-0.64050868	0.08502032	0.5651182	NaN
##	[619,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[620,]	-1.01056544	0.08502032	0.5651182	NaN
##	[621,]	2.19659316	-1.86779013	0.5651182	NaN
##	[622,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[623,]	0.46966161	1.06142554	-0.9370948	NaN
##	[624,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[625,]	-0.27045191		-0.1859883	NaN
##	[626,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[627,]	-0.14709966		0.5651182	NaN
##	[628,]	1.94988866	1.06142554	0.5651182	NaN
##	[629,]	0.83971837	1.06142554	-0.1859883	NaN
##	[630,]	-0.14709966		0.5651182	NaN
##	[631,]	-1.01056544		-0.9370948	NaN
##	[632,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[633,]	-0.88721318		0.5651182	NaN
##	[634,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[635,]	-0.76386093		1.3162247	NaN
##	[636,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[637,]	1.94988866	1.06142554	-0.9370948	NaN
		-1.01056544	0.08502032	-0.9370948	NaN
##	[638,]				
##	[639,]		-1.86779013	-0.1859883	NaN NaN
##	[640,]	-1.01056544	0.08502032	2.0673313	NaN
##	[641,]		-1.86779013	-0.9370948	NaN
##	[642,]	-0.51715642		-0.9370948	NaN
##	[643,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[644,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[645,]	0.22295710	1.06142554	-0.9370948	NaN
##	[646,]	-1.01056544	0.08502032	0.5651182	NaN
##	[647,]	-0.14709966	0.08502032	-0.1859883	NaN
##	[648,]	1.94988866	0.08502032	2.0673313	NaN
##	[649,]		-0.89138490	0.5651182	NaN
##	[650,]	1.70318415	1.06142554	-0.9370948	NaN
##	[651,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[652,]	-0.88721318		-0.1859883	NaN
##	[653,]		-0.89138490	0.5651182	NaN
##	[654,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[655,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[656,]	-0.76386093		-1.6882013	NaN
##	[657,]	1.94988866	1.06142554	-0.9370948	NaN
##	[658,]		-1.86779013	0.5651182	NaN
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##	[660,]	-0.51715642	1.06142554	0.5651182	NaN
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##	[662,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[663,]	-0.88721318	0.08502032	0.5651182	NaN

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##	[666,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[667,]	-0.76386093		-0.9370948	NaN
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##	[669,]	-0.02374741	0.08502032	0.5651182	NaN
##	[670,]	-0.39380417	0.08502032	0.5651182	NaN
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##	[672,]	0.09960485	0.08502032	-0.9370948	NaN
##	[673,]	0.59301386	-0.89138490	0.5651182	NaN
##	[674,]	-1.01056544	1.06142554	1.3162247	NaN
##	[675,]	-0.51715642	0.08502032	2.0673313	NaN
##	[676,]	-0.27045191	1.06142554	-0.9370948	NaN
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##	[681,]	-0.27045191	1.06142554	1.3162247	NaN
##	[682,]	-1.01056544	0.08502032	2.0673313	NaN
##	[683,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[684,]	1.20977513	-0.89138490	-0.1859883	NaN
##	[685,]	0.09960485	1.06142554	-0.1859883	NaN
##	[686,]	-1.01056544	0.08502032	0.5651182	NaN
##	[687,]	-0.39380417	0.08502032	0.5651182	NaN
##	[688,]	-0.88721318	1.06142554	0.5651182	NaN
##	[689,]	1.45647964	0.08502032	1.3162247	NaN
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##	[691,]	0.34630935	0.08502032	0.5651182	NaN
##	[692,]	-0.02374741	1.06142554	0.5651182	NaN
##	[693,]	-0.76386093	1.06142554	0.5651182	NaN
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##	[695,]	-1.01056544	0.08502032	-0.9370948	NaN
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##	[699,]	1.08642288	0.08502032	0.5651182	NaN
##	[700,]	-1.01056544		-0.9370948	NaN
	[700,]			1 111111	NaN NaN
## ##	[701,]	-0.88721318 -0.88721318	0.08502032	2.0673313 0.5651182	NaN
##	[702,]	-0.14709966		1.3162247	NaN
	[704,]	0.09960485		2.0673313	
##	-		0.08502032		NaN
##	[705,]	-0.76386093	1.06142554	-0.9370948	NaN NaN
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##	[707,]	1.82653640	0.08502032	-0.9370948	NaN NaN
##	[708,]	0.83971837	1.06142554	0.5651182	NaN NaN
##	[709,]	-0.14709966	1.06142554	2.0673313	NaN
##	[710,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[711,]	0.96307062	0.08502032	-0.9370948	NaN
##	[712,]	0.09960485	0.08502032	-0.9370948	NaN NaN
##	[713,]	0.46966161	-1.86779013	-0.9370948	NaN NaN
##	[714,]	-1.01056544	1.06142554	0.5651182	NaN
##	[715,]	-1.01056544		0.5651182	NaN NaN
##	[716,]	-1.01056544	1.06142554	1.3162247	NaN
##	[717,]	-0.02374741	0.08502032	0.5651182	NaN

##	[718,]	0.83971837		2.0673313	NaN
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##	[720,]	-0.64050868		-0.9370948	NaN
##	[721,]	1.57983189	0.08502032	-0.9370948	NaN
##	[722,]	1.82653640	0.08502032	-0.9370948	NaN
##	[723,]		-1.86779013	0.5651182	NaN
##	[724,]	-0.27045191		0.5651182	NaN
##	[725,]	0.96307062	-1.86779013	0.5651182	NaN
##	[726,]	0.59301386	1.06142554	1.3162247	NaN
##	[727,]	-1.01056544		-0.9370948	NaN
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##	[729,]	0.96307062		2.0673313	NaN
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##	[733,]	-0.51715642	0.08502032	0.5651182	NaN
##	[734,]	-0.88721318	-0.89138490	0.5651182	NaN
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##	[737,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[738,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[739,]	-1.01056544	-1.86779013	-0.9370948	NaN
##	[740,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[741,]	0.09960485	0.08502032	1.3162247	NaN
##	[742,]	-0.51715642	-0.89138490	-0.1859883	NaN
##	[743,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[744,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[745,]	0.22295710	-0.89138490	0.5651182	NaN
##	[746,]	1.08642288	1.06142554	0.5651182	NaN
##	[747,]	-0.27045191	-1.86779013	-0.9370948	NaN
##	[748,]	-0.76386093	1.06142554	-0.9370948	NaN
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##	[752,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[753,]	0.83971837	1.06142554	-0.9370948	NaN
##	[754,]	1.57983189	0.08502032	0.5651182	NaN
##	[755,]	-0.14709966	-1.86779013	-0.9370948	NaN
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##	[757,]	2.44329767	1.06142554	0.5651182	NaN
##	[758,]	-1.01056544	1.06142554	-0.1859883	NaN
##	[759,]	-1.01056544	-0.89138490	2.0673313	NaN
##	[760,]	1.82653640	1.06142554	0.5651182	NaN
##	[761,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[762,]	0.71636612	0.08502032	1.3162247	NaN
##	[763,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[764,]	0.09960485	1.06142554	-0.9370948	NaN
##	[765,]	0.09960485	-1.86779013	0.5651182	NaN
##	[766,]	-0.76386093	1.06142554	1.3162247	NaN
##	[767,]	-0.88721318	1.06142554	0.5651182	NaN
##	[768,]	-0.76386093	0.08502032	1.3162247	NaN
##	[769,]	2.07324091	0.08502032	-0.1859883	NaN
##	[770,]	-1.01056544	-1.86779013	0.5651182	NaN
##	[771,]	-1.01056544	1.06142554	0.5651182	NaN

	5				
##	[772,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[773,]	-0.02374741	0.08502032	0.5651182	NaN
##	[774,]	0.34630935	2.03783076	0.5651182	NaN
##	[775,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[776,]	1.94988866	0.08502032	0.5651182	NaN
##	[777,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[778,]	0.09960485	0.08502032	-0.9370948	NaN
##	[779,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[780,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[781,]	1.82653640	-0.89138490	2.0673313	NaN
##	[782,]	-1.01056544	-0.89138490	0.5651182	NaN
##	[783,]	1.33312739	0.08502032	1.3162247	NaN
##	[784,]	-0.27045191		2.0673313	NaN
##	[785,]		-1.86779013	-0.9370948	NaN
##	[786,]	1.33312739	1.06142554	2.0673313	NaN
##	[787,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[788,]	-0.88721318		-0.9370948	NaN
##	[789,]	0.09960485	0.08502032	1.3162247	NaN
		-1.01056544		0.5651182	NaN
##	[790,]		0.08502032		
##	[791,]	-0.51715642		-0.9370948	NaN
##	[792,]	-0.64050868	0.08502032	2.0673313	NaN
##	[793,]	2.44329767	1.06142554	0.5651182	NaN
##	[794,]		-0.89138490	-0.9370948	NaN
##	[795,]	-0.76386093		-0.9370948	NaN
##	[796,]	0.09960485	1.06142554	-0.9370948	NaN
##	[797,]	-0.64050868		2.0673313	NaN
##	[798,]	1.45647964	0.08502032	0.5651182	NaN
##	[799,]	1.94988866	0.08502032	0.5651182	NaN
##	[800,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[801,]	-1.01056544	0.08502032	0.5651182	NaN
##	[802,]	-1.01056544	1.06142554	1.3162247	NaN
##	[803,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[804,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[805,]	-1.01056544	1.06142554	0.5651182	NaN
##	[806,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[807,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[808,]	0.09960485	1.06142554	-0.1859883	NaN
##	[809,]	2.31994542	1.06142554	-0.9370948	NaN
##	[810,]	-0.76386093	0.08502032	0.5651182	NaN
##	[811,]	-0.76386093	-1.86779013	-0.1859883	NaN
##	[812,]	-0.88721318	-0.89138490	-0.1859883	NaN
##	[813,]	2.19659316	0.08502032	-0.9370948	NaN
##	[814,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[815,]	0.59301386	0.08502032	0.5651182	NaN
##	[816,]	-1.01056544	-1.86779013	2.0673313	NaN
##	[817,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[818,]	1.08642288	1.06142554	-0.9370948	NaN
##	[819,]	1.33312739	0.08502032	-0.9370948	NaN
##	[820,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[821,]		-0.89138490	-0.1859883	NaN
##	[822,]	-0.14709966	1.06142554	2.0673313	NaN
##	[823,]		-0.89138490	-0.9370948	NaN
##	[824,]	0.09960485	0.08502032	-0.9370948	NaN
##	[825,]	2.44329767	0.08502032	0.5651182	NaN
##	[020,]	2.44329101	0.00002032	0.3031182	IValv

##	[826,]	-0.14709966		0.5651182	NaN
##	[827,]	-1.01056544	0.08502032	-1.6882013	NaN
##	[828,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[829,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[830,]	-0.02374741	1.06142554	-0.1859883	NaN
##	[831,]	0.34630935	1.06142554	-0.9370948	NaN
##	[832,]	0.71636612	0.08502032	0.5651182	NaN
##	[833,]		-0.89138490	0.5651182	NaN
##	[834,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[835,]	-0.02374741		-0.9370948	NaN
##	[836,]	-0.14709966	1.06142554	2.0673313	NaN
##	[837,]		-1.86779013	-0.9370948	NaN
##	[838,]	-0.02374741	1.06142554	0.5651182	NaN
##	[839,]	0.34630935	0.08502032	-0.9370948	NaN
##	[840,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[841,]	-1.01056544	1.06142554	0.5651182	NaN
##	[842,]	1.82653640	0.08502032	0.5651182	NaN
##	[843,]		-1.86779013	-0.9370948	NaN
##	[844,]	-0.76386093	1.06142554	0.5651182	NaN
##	[845,]	0.09960485	0.08502032	-0.1859883	NaN
##	[846,]	2.07324091	-0.89138490	0.5651182	NaN
##	[847,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[848,]	-1.01056544	0.08502032	0.5651182	NaN
##	[849,]	-0.64050868	1.06142554	1.3162247	NaN
##	[850,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[851,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[852,]	-0.64050868	1.06142554	2.0673313	NaN
##	[853,]	-0.39380417	-1.86779013	0.5651182	NaN
##	[854,]	-0.02374741	-0.89138490	-0.9370948	NaN
##	[855,]	-0.27045191	0.08502032	0.5651182	NaN
##	[856,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[857,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[858,]	0.09960485	1.06142554	-0.9370948	NaN
##	[859,]	-0.27045191	-0.89138490	0.5651182	NaN
##	[860,]	0.71636612	-1.86779013	-0.9370948	NaN
##	[861,]	-0.76386093	1.06142554	-0.9370948	NaN
##	[862,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[863,]	0.96307062	0.08502032	-0.9370948	NaN
##	[864,]	-0.88721318	0.08502032	-1.6882013	NaN
##	[865,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[866,]	2.44329767	1.06142554	-0.9370948	NaN
##	[867,]	-0.88721318	1.06142554	0.5651182	NaN
##	[868,]	-0.88721318	0.08502032	0.5651182	NaN
##	[869,]	1.20977513	1.06142554	0.5651182	NaN
##	[870,]	0.71636612	-0.89138490	-0.9370948	NaN
			1.06142554	-0.9370948	
## ##	[871,]	0.96307062	-0.89138490	-0.9370948	NaN NaN
##	[872,]	0.96307062 1.94988866			NaN
##	[873,]		0.08502032	0.5651182	NaN
##	[874,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[875,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[876,]	2.44329767	1.06142554	1.3162247	NaN
##	[877,]	1.45647964	0.08502032	-0.1859883	NaN
##	[878,]	-0.88721318	1.06142554	2.0673313	NaN
##	[879,]	-0.88721318	2.03783076	0.5651182	NaN

	[000 ]	0.07045404	4 00440554	0 4050000	
##	[880,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[881,]	0.46966161	0.08502032	1.3162247	NaN
##	[882,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[883,]	-1.01056544	0.08502032	2.0673313	NaN
##	[884,]	-0.02374741	0.08502032	0.5651182	NaN
##	[885,]	0.09960485	0.08502032	2.0673313	NaN
##	[886,]	0.09960485	1.06142554	-0.9370948	NaN
##	[887,]	-1.01056544	0.08502032	0.5651182	NaN
##	[888,]	2.07324091	2.03783076	0.5651182	NaN
##	[889,]	-0.14709966	-0.89138490	-0.1859883	NaN
##	[890,]	0.59301386	0.08502032	-0.9370948	NaN
##	[891,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[892,]		-1.86779013	-0.9370948	NaN
##	[893,]	0.09960485	0.08502032	0.5651182	NaN
##	[894,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[895,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[896,]	0.22295710	-0.89138490	0.5651182	NaN
##	[897,]	1.82653640	0.08502032	0.5651182	NaN
##	[898,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[899,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[900,]	-0.64050868	-0.89138490	0.5651182	NaN
##	[901,]	-0.76386093	0.08502032	2.0673313	NaN
##	[902,]	-0.88721318	-0.89138490	2.0673313	NaN
##	[903,]	-0.64050868		-0.9370948	NaN
##	[904,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[905,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[906,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[907,]	1.33312739	0.08502032	2.0673313	NaN
##	[908,]	-0.51715642	0.08502032	-0.1859883	NaN
		0.09960485	2.03783076	-0.1859883	NaN
##	[909,]				
##	[910,]	1.94988866	0.08502032	-0.9370948	NaN
##	[911,]		-0.89138490	-0.9370948	NaN
##	[912,]		-1.86779013	-0.9370948	NaN
##	[913,]	-0.64050868		-0.9370948	NaN
##	[914,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[915,]	-0.14709966		0.5651182	NaN
##	[916,]	0.09960485	-0.89138490	-0.9370948	NaN
##	[917,]	-0.64050868	-0.89138490	-0.1859883	NaN
##	[918,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[919,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[920,]	1.08642288	1.06142554	0.5651182	NaN
##	[921,]	1.20977513	0.08502032	0.5651182	NaN
##	[922,]	-1.01056544	1.06142554	0.5651182	NaN
##	[923,]	-0.64050868	-0.89138490	-0.9370948	NaN
##	[924,]	0.22295710	0.08502032	-0.9370948	NaN
##	[925,]	-0.39380417	-1.86779013	-0.9370948	NaN
##	[926,]	-0.27045191	1.06142554	0.5651182	NaN
##	[927,]	-0.64050868	1.06142554	-0.1859883	NaN
##	[928,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[929,]	0.71636612	0.08502032	0.5651182	NaN
	[930,]				
##		-0.88721318	0.08502032	-0.9370948	NaN NaN
##	[931,]		-0.89138490	0.5651182	NaN
##	[932,]		-0.89138490	0.5651182	NaN
##	[933,]	-0.27045191	0.08502032	2.0673313	NaN

шш	[004]	1 01056544	0 0050000	0.0672212	N - N
##	[934,]	-1.01056544	0.08502032	2.0673313	NaN
##	[935,]	-1.01056544	0.08502032	0.5651182	NaN
##	[936,]	-0.14709966	0.08502032	0.5651182	NaN
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##	[940,]	-0.27045191	-0.89138490	-0.9370948	NaN
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##	[942,]	-0.39380417	0.08502032	2.0673313	NaN
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##	[946,]	2.31994542	0.08502032	-0.9370948	NaN
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##	[947,]	1.94988866	1.06142554	-0.1859883	NaN
##	[948,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[949,]	0.96307062	1.06142554	0.5651182	NaN
##	[950,]	1.08642288	-0.89138490	-0.9370948	NaN
##	[951,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[952,]	0.09960485	-0.89138490	0.5651182	NaN
##	[953,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[954,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[955,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[956,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[957,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[958,]		-0.89138490	-0.9370948	NaN
##	[959,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[960,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[961,]	-1.01056544	0.08502032	-0.1859883	NaN
##	[962,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[963,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[964,]	-0.88721318	-0.89138490	-0.9370948	NaN
##	[965,]		-0.89138490	0.5651182	NaN
##	[966,]	1.20977513	-1.86779013	0.5651182	NaN
##	[967,]	-0.27045191	1.06142554	0.5651182	NaN
##	[968,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[969,]	-0.27045191	0.08502032	-0.1859883	NaN
##	[970,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[971,]	0.22295710	0.08502032	0.5651182	NaN
##	[972,]		-0.89138490	2.0673313	NaN
##	[973,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[974,]	-1.01056544	0.08502032	0.5651182	NaN
##	[975,]		-1.86779013	-0.9370948	NaN
		0.46966161			
##	[976,]		1.06142554	-0.1859883	NaN
##	[977,]	1.70318415	0.08502032	-0.9370948	NaN
##	[978,]	2.07324091	-1.86779013	2.0673313	NaN
##	[979,]	-0.88721318	-1.86779013	0.5651182	NaN
##	[980,]	2.44329767	0.08502032	0.5651182	NaN
##	[981,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[982,]	1.08642288	1.06142554	-0.1859883	NaN
##	[983,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[984,]	-0.88721318	1.06142554	2.0673313	NaN
##	[985,]	2.07324091	0.08502032	-0.9370948	NaN
##	[986,]	1.57983189	1.06142554	0.5651182	NaN
##	[987,]	1.45647964	1.06142554	-0.9370948	NaN
	, _			2.22.0010	1,01

##	[988,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[989,]	1.57983189	0.08502032	-0.9370948	NaN
##	[990,]	-0.64050868	-1.86779013	-0.9370948	NaN
##	[991,]	-0.51715642	-1.86779013	-0.9370948	NaN
##	[992,]	-0.88721318	-1.86779013	-0.1859883	NaN
##	[993,]	1.94988866	-0.89138490	-0.9370948	NaN
##	[994,]		-1.86779013	-0.9370948	NaN
##	[995,]		-0.89138490	0.5651182	NaN
	-				
##	[996,]	-0.39380417	0.08502032	0.5651182	NaN
##	[997,]	0.09960485	0.08502032	-0.1859883	NaN
##	[998,]	0.96307062	1.06142554	-0.9370948	NaN
##	[999,]	-0.88721318		0.5651182	NaN
##	[1000,]	0.09960485	0.08502032	-1.6882013	NaN
##	[1001,]	-0.14709966	1.06142554	1.3162247	NaN
##	[1002,]	0.22295710	0.08502032	0.5651182	NaN
##	[1003,]	1.08642288	-0.89138490	-0.9370948	NaN
##	[1004,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1005,]	-0.27045191	0.08502032	1.3162247	NaN
##	[1006,]	0.96307062	0.08502032	1.3162247	NaN
##	[1007,]		-0.89138490	-0.9370948	NaN
##	[1008,]		-1.86779013	1.3162247	NaN
##	[1000,]	-1.01056544	0.08502032	0.5651182	NaN
	-		0.08502032		
##	[1010,]	-1.01056544		0.5651182	NaN
##	[1011,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1012,]	-0.76386093	1.06142554	-0.1859883	NaN
##	[1013,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1014,]	-0.27045191	1.06142554	-0.1859883	NaN
##	[1015,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[1016,]	-1.01056544	1.06142554	1.3162247	NaN
##	[1017,]	-0.14709966	0.08502032	-0.9370948	NaN
##	[1018,]	0.22295710	-1.86779013	-0.9370948	NaN
##	[1019,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[1020,]	0.83971837	1.06142554	-0.1859883	NaN
##	[1021,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1022,]	-0.02374741		-0.9370948	NaN
##	[1023,]	-0.51715642		2.0673313	NaN
	[1023,]	-1.01056544		-0.9370948	
##					NaN
##	[1025,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1026,]	-0.64050868	-1.86779013	0.5651182	NaN
##	[1027,]	-0.27045191	2.03783076	-0.1859883	NaN
##	[1028,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1029,]	-0.51715642	2.03783076	0.5651182	NaN
##	[1030,]	-0.02374741	1.06142554	1.3162247	NaN
##	[1031,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1032,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1033,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1034,]	-1.01056544	2.03783076	-0.9370948	NaN
##	[1035,]	1.33312739	0.08502032	0.5651182	NaN
##	[1036,]	-0.14709966	-0.89138490	0.5651182	NaN
##	[1037,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1037,]	2.44329767	0.08502032	2.0673313	NaN
				-0.1859883	
##	[1039,]	-0.27045191	0.08502032		NaN
##	[1040,]	-0.02374741	1.06142554	2.0673313	NaN
##	[1041,]	-0.14709966	-1.86779013	0.5651182	NaN

##	[1042,]	-0.51715642	0.08502032	0.5651182	NaN
##	[1043,]	-0.51715642	0.08502032	-0.9370948	NaN
##	[1044,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1045,]	-0.51715642	1.06142554	2.0673313	NaN
##	[1046,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1047,]	1.33312739	0.08502032	-0.9370948	NaN
##	[1048,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1049,]	-0.76386093	0.08502032	1.3162247	NaN
##	[1050,]		-1.86779013	-0.9370948	NaN
##	[1051,]	-0.02374741	-0.89138490	0.5651182	NaN
##	[1052,]	-1.01056544	2.03783076	-0.1859883	NaN
##	[1053,]	-0.27045191	0.08502032	2.0673313	NaN
##	[1054,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[1055,]	-0.27045191	1.06142554	-0.9370948	NaN
##	[1056,]	0.71636612	0.08502032	0.5651182	NaN
##	[1057,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1058,]	0.46966161	0.08502032	2.0673313	NaN
##	[1059,]	1.82653640	1.06142554	0.5651182	NaN
	•		-1.86779013	-0.9370948	NaN
##	[1060,]	-0.27045191		0.5651182	
##	[1061,]	-0.02374741	0.08502032		NaN NaN
##	[1062,]			-0.9370948	NaN
##	[1063,]	-0.88721318		0.5651182	NaN
##	[1064,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1065,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1066,]	-0.64050868	1.06142554	-0.9370948	NaN
##	[1067,]	-0.64050868	1.06142554	0.5651182	NaN
##	[1068,]	0.59301386	0.08502032	0.5651182	NaN
##	[1069,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[1070,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1071,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1072,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[1073,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[1074,]	2.44329767	-1.86779013	-0.9370948	NaN
##	[1075,]	-0.14709966	2.03783076	-0.9370948	NaN
##	[1076,]	0.09960485	0.08502032	0.5651182	NaN
##	[1077,]	0.22295710	1.06142554	0.5651182	NaN
##	[1078,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1079,]	2.31994542	0.08502032	-0.9370948	NaN
##	[1080,]	-0.39380417	0.08502032	-0.9370948	NaN
##	[1081,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1082,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1083,]	1.33312739	-1.86779013	-0.9370948	NaN
##	[1084,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[1085,]	-1.01056544	0.08502032	2.0673313	NaN
##	[1086,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1087,]	1.57983189	2.03783076	0.5651182	NaN
##	[1088,]	-0.27045191	-0.89138490	2.0673313	NaN
##	[1089,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1090,]	0.46966161	0.08502032	0.5651182	NaN
##	[1091,]	-0.14709966	-1.86779013	1.3162247	NaN
##	[1091,]	1.94988866	0.08502032	-0.9370948	NaN
##	[1092,]	2.31994542	0.08502032	2.0673313	NaN
##	[1093,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1095,]	-0.02374741	-0.89138490	0.5651182	NaN

##	[1096,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1097,]	-0.39380417	-0.89138490	0.5651182	NaN
##	[1098,]	1.45647964	-0.89138490	2.0673313	NaN
##	[1099,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1100,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1101,]	2.31994542	1.06142554	-0.9370948	NaN
##	[1102,]	-0.51715642	-0.89138490	-0.9370948	NaN
##	[1103,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1104,]	0.83971837	1.06142554	-0.9370948	NaN
##	[1105,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1106,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[1107,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1108,]	0.09960485	1.06142554	-1.6882013	NaN
##	[1109,]	-1.01056544	0.08502032	0.5651182	NaN
##	[1110,]	2.44329767	1.06142554	2.0673313	NaN
##	[1111,]	-0.88721318	0.08502032	-0.9370948	NaN
				2.0673313	
##	[1112,]	-0.88721318	2.03783076		NaN
##	[1113,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1114,]	-1.01056544	1.06142554	2.0673313	NaN
##	[1115,]	0.71636612	1.06142554	1.3162247	NaN
##	[1116,]	-0.27045191	1.06142554	0.5651182	NaN
##	[1117,]	2.07324091	2.03783076	-0.1859883	NaN
##	[1118,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1119,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1120,]	0.59301386	0.08502032	-0.9370948	NaN
##	[1121,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1122,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1123,]	-0.76386093	-1.86779013	0.5651182	NaN
##	[1124,]	0.09960485	1.06142554	0.5651182	NaN
##	[1125,]	-0.39380417	0.08502032	0.5651182	NaN
##	[1126,]	-0.88721318	-1.86779013	-0.9370948	NaN
##	[1127,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1128,]	0.09960485	0.08502032	2.0673313	NaN
##	[1129,]	-0.39380417	1.06142554	-0.9370948	NaN
##	[1130,]	-0.02374741	-0.89138490	1.3162247	NaN
##	[1131,]	2.31994542	0.08502032	-0.9370948	NaN
##	[1132,]	0.09960485	1.06142554	2.0673313	NaN
##	[1133,]	0.59301386	-0.89138490	-0.9370948	NaN
##	[1134,]	2.19659316	0.08502032	2.0673313	NaN
##	[1135,]	-0.27045191		-0.9370948	NaN
##	[1136,]	-1.01056544	1.06142554	-0.9370948	NaN
##	[1137,]	1.82653640	0.08502032	0.5651182	NaN
##	[1138,]		-0.89138490	1.3162247	NaN
##	[1139,]	1.33312739	2.03783076	0.5651182	NaN
##	[1140,]	-0.51715642	1.06142554	1.3162247	NaN
##	[1141,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1142,]	-0.27045191	0.08502032	0.5651182	NaN
##	[1143,]	-0.51715642	2.03783076	0.5651182	NaN
##	[1144,]	2.07324091	0.08502032	-0.1859883	NaN
		-0.88721318	1.06142554		
##	[1145,]	0.34630935	1.06142554	1.3162247 -0.9370948	NaN
##	[1146,]				NaN NaN
##	[1147,]	0.09960485	1.06142554	-0.9370948	NaN
##	[1148,]	1.94988866	1.06142554	-0.9370948	NaN
##	[1149,]	0.09960485	2.03783076	0.5651182	NaN

##	[1150,]	1.20977513	0.08502032	1.3162247	NaN
##	[1151,]	1.08642288	2.03783076	-0.9370948	NaN
##	[1152,]	2.19659316	0.08502032	0.5651182	NaN
##	[1153,]	-0.51715642	-1.86779013	0.5651182	NaN
##	[1154,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[1155,]	2.07324091	1.06142554	-0.9370948	NaN
##	[1156,]	-0.76386093	-0.89138490	0.5651182	NaN
##	[1157,]	0.71636612	0.08502032	-0.9370948	NaN
##	[1158,]	-0.14709966	1.06142554	-0.9370948	NaN
##	[1159,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1160,]	-0.64050868	0.08502032	0.5651182	NaN
##	[1161,]	-0.88721318	-0.89138490	1.3162247	NaN
##	[1162,]	-0.88721318	-0.89138490	0.5651182	NaN
##	[1163,]	0.09960485	0.08502032	0.5651182	NaN
##	[1164,]	0.09960485	0.08502032	0.5651182	NaN
##	[1165,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1166,]	-1.01056544	2.03783076	-1.6882013	NaN
##	[1167,]	-0.64050868	2.03783076	0.5651182	NaN
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##	[1169,]	-0.88721318		2.0673313	NaN
##	[1170,]	-0.14709966	0.08502032	0.5651182	NaN
##	[1171,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1172,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1173,]	0.09960485	0.08502032	0.5651182	NaN
##	[1174,]	-0.51715642	1.06142554	-0.9370948	NaN NaN
##	[1175,]	-0.88721318	-1.86779013	-0.9370948	NaN NaN
##	[1176,]	0.34630935	0.08502032	0.5651182	NaN Nan
##	[1177,]	1.57983189	1.06142554	1.3162247	NaN
##	[1178,]	0.96307062	2.03783076	-0.9370948	NaN
##	[1179,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1180,]	-0.76386093	0.08502032	-0.9370948	NaN
##	[1181,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1182,]	-0.39380417	-1.86779013	-0.9370948	NaN
##	[1183,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1184,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[1185,]	1.57983189	2.03783076	0.5651182	NaN
##	[1186,]	0.71636612	-0.89138490	-0.9370948	NaN
##	[1187,]	0.34630935	1.06142554	1.3162247	NaN
##	[1188,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1189,]	-0.51715642	0.08502032	0.5651182	NaN
##	[1190,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1191,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1192,]	-0.51715642	1.06142554	-0.9370948	NaN
##	[1193,]	0.83971837	0.08502032	0.5651182	NaN
##	[1194,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1195,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1196,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1197,]	1.70318415	-0.89138490	-0.9370948	NaN
##	[1198,]	-0.02374741	-1.86779013	-0.9370948	NaN
##	[1199,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1200,]	2.07324091	1.06142554	-0.9370948	NaN
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##	[1202,]	-0.14709966		0.5651182	NaN
##	[1203,]	-0.64050868		0.5651182	NaN
	- · /-			: : : <del>-</del>	

##	[1204,]	1.82653640	1.06142554	0.5651182	NaN
##	[1205,]	-0.27045191		0.5651182	NaN
##	[1206,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1207,]	-0.27045191	0.08502032	0.5651182	NaN
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##	[1209,]	-0.51715642	-0.89138490	0.5651182	NaN
##	[1210,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1211,]	1.45647964	0.08502032	0.5651182	NaN
##	[1212,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1213,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1214,]	-0.27045191	0.08502032	-0.9370948	NaN
##	[1215,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1216,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1217,]	-0.88721318	0.08502032	0.5651182	NaN
##	[1218,]	-0.02374741	0.08502032	0.5651182	NaN
##	[1219,]	-0.39380417	0.08502032	-0.1859883	NaN
##	[1220,]	-0.02374741	1.06142554	0.5651182	NaN
##	[1221,]	-0.88721318	1.06142554	-0.9370948	NaN
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##	[1223,]	1.57983189	-1.86779013	-1.6882013	NaN
##	[1224,]	-0.02374741	0.08502032	-0.9370948	NaN
##	[1225,]	0.96307062	1.06142554	0.5651182	NaN
##	[1226,]	2.31994542	-0.89138490	2.0673313	NaN
##	[1227,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1228,]	-0.88721318	1.06142554	-0.9370948	NaN
##	[1229,]	-0.64050868	0.08502032	-1.6882013	NaN
##	[1230,]	-0.14709966	-0.89138490	-0.9370948	NaN
##	[1231,]	2.44329767	-1.86779013	0.5651182	NaN
##	[1232,]	0.46966161	1.06142554	-0.9370948	NaN
##	[1233,]	2.19659316	1.06142554	-0.9370948	NaN
##	[1234,]	0.83971837	-1.86779013	-0.9370948	NaN
##	[1235,]	-0.88721318	1.06142554	-0.1859883	NaN
##	[1236,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1237,]	0.46966161	2.03783076	-0.1859883	NaN
##	[1238,]	-1.01056544	-0.89138490	-0.9370948	NaN
##	[1239,]	-0.64050868		0.5651182	NaN
##	[1240,]		-1.86779013	2.0673313	NaN
##	[1241,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1242,]	1.20977513	0.08502032	-0.9370948	NaN
##	[1243,]	-0.27045191	1.06142554	0.5651182	NaN
##	[1244,]	-0.64050868	0.08502032	-0.9370948	NaN
##	[1245,]	-0.88721318	1.06142554	2.0673313	NaN
##	[1246,]	0.09960485	0.08502032	0.5651182	NaN
##	[1247,]	-0.14709966	0.08502032	-1.6882013	NaN
##	[1248,]	-0.51715642	0.08502032	2.0673313	NaN
##	[1249,]	-0.14709966	0.08502032	0.5651182	NaN
##	[1250,]	-0.02374741	0.08502032	-0.1859883	NaN
##	[1251,]	-1.01056544	0.08502032	-0.9370948	NaN
##	[1252,]	0.71636612	-0.89138490	-0.1859883	NaN
##	[1253,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1254,]	-0.88721318	0.08502032	-0.1859883	NaN
##	[1255,]	0.22295710	1.06142554	-0.1859883	NaN
##	[1256,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1257,]	-0.88721318	-0.89138490	0.5651182	NaN

##	[1258,]	0.83971837	1.06142554	-0.1859883	NaN
##	[1259,]	-0.64050868	0.08502032	2.0673313	NaN
##	[1260,]	0.83971837	0.08502032	-0.9370948	NaN
##	[1261,]	-0.51715642	1.06142554	2.0673313	NaN
##	[1262,]	1.08642288	0.08502032	0.5651182	NaN
##	[1263,]	0.96307062	0.08502032	2.0673313	NaN
##	[1264,]	0.34630935	0.08502032	0.5651182	NaN
	[1265,]	-0.88721318	0.08502032	0.5651182	NaN
##		-0.64050868			
##	[1266,]		0.08502032	2.0673313	NaN
##	[1267,]	-0.02374741	1.06142554	-0.9370948	NaN
##	[1268,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1269,]	-1.01056544	1.06142554	0.5651182	NaN
##	[1270,]	-0.88721318	0.08502032	-0.9370948	NaN
##	[1271,]	-0.76386093	-0.89138490	-0.9370948	NaN
##	[1272,]	-0.27045191	-1.86779013	-0.1859883	NaN
##	[1273,]	-0.39380417	-0.89138490	1.3162247	NaN
##	[1274,]	-0.14709966	-1.86779013	0.5651182	NaN
##	[1275,]	2.44329767	1.06142554	-0.1859883	NaN
##	[1276,]	-0.76386093	0.08502032	2.0673313	NaN
##	[1277,]	-0.02374741	-0.89138490	-0.1859883	NaN
##	[1278,]	-0.88721318	1.06142554	0.5651182	NaN
##	[1279,]	0.09960485	0.08502032	-0.9370948	NaN
##	[1280,]		-0.89138490	0.5651182	NaN
##	[1281,]	-0.14709966		1.3162247	NaN
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## [1404,]
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##
           JobInvolvement
                              JobLevel
                                          JobRole JobSatisfaction MaritalStatus
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##
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                                                        -0.6606284
                                                                      -0.1332367
##
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                                                                      -0.1332367
##
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##
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                                                                      -0.1332367
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                                                                       1.2363997
##
     ſ13.]
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##
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[44,]
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##
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##
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                                        1.0323644
                                                        -0.6606284
                                                                       -1.5028732
##
                -1.025818 0.84562353 -1.8110589
                                                        -1.5673732
                                                                      -0.1332367
     [94,]
##
     [95,]
                 0.379543 -0.05776789
                                       1.0323644
                                                         0.2461164
                                                                       1.2363997
##
     [96,]
                 0.379543 0.84562353
                                        0.2199577
                                                         0.2461164
                                                                       -0.1332367
##
     [97,]
                 0.379543 -0.05776789
                                       1.0323644
                                                         0.2461164
                                                                      -0.1332367
```

```
##
     [98,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
                 0.379543 1.74901494
##
     [99,]
                                                         0.2461164
                                        1.0323644
                                                                        1.2363997
    [100,]
##
                 0.379543 -0.05776789 -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
##
    [101,]
                 0.379543 -0.96115930 -1.4048556
                                                        -1.5673732
                                                                       -1.5028732
##
    [102,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                        1.2363997
##
    [103,]
                -1.025818 -0.96115930 -0.9986523
                                                         1.1528613
                                                                        1.2363997
##
    Γ104.]
                 0.379543 -0.05776789
                                       0.6261610
                                                         0.2461164
                                                                        1.2363997
                                                                       -1.5028732
##
    [105,]
                -1.025818 -0.05776789 -1.8110589
                                                         1.1528613
##
    [106,]
                -1.025818
                            2.65240635 -0.5924489
                                                         1.1528613
                                                                       -0.1332367
##
    [107,]
                 0.379543
                           2.65240635
                                        0.2199577
                                                        -0.6606284
                                                                       -0.1332367
    [108,]
                -1.025818 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                        1.2363997
##
    [109,]
                -1.025818 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
##
    [110,]
                 0.379543 -0.96115930 -0.9986523
                                                         1.1528613
                                                                        1.2363997
##
                                                        -1.5673732
    [111,]
                -1.025818 0.84562353 -1.8110589
                                                                        1.2363997
##
    [112,]
                -2.431178 -0.05776789 -0.9986523
                                                         0.2461164
                                                                        1.2363997
##
    [113,]
                 1.784904
                           1.74901494 -0.5924489
                                                         1.1528613
                                                                        1.2363997
##
                 0.379543 -0.96115930 -0.9986523
                                                                       -0.1332367
    [114,]
                                                         0.2461164
##
    [115,]
                -1.025818 -0.05776789
                                        0.6261610
                                                        -0.6606284
                                                                       -1.5028732
    [116,]
                           0.84562353
                                                                        1.2363997
##
                 0.379543
                                        1.0323644
                                                         1.1528613
##
    [117,]
                -1.025818
                            0.84562353 -0.5924489
                                                        -1.5673732
                                                                        1.2363997
                                                                       -0.1332367
##
    [118,]
                 0.379543
                            0.84562353
                                        1.0323644
                                                         1.1528613
##
    [119,]
                 0.379543 -0.96115930 -0.9986523
                                                         1.1528613
                                                                       -1.5028732
##
    [120,]
                          1.74901494 -0.5924489
                 0.379543
                                                         1.1528613
                                                                       -0.1332367
    [121.]
                -2.431178 -0.96115930
                                                         0.2461164
##
                                        0.6261610
                                                                       -1.5028732
##
    [122,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
    [123,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                       -0.1332367
##
    [124,]
                 0.379543 2.65240635
                                        0.2199577
                                                         0.2461164
                                                                        1.2363997
##
    [125,]
                -2.431178 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    [126,]
                -1.025818 -0.96115930
                                                        -0.6606284
                                                                       -0.1332367
                                        0.6261610
##
    [127,]
                 1.1528613
                                                                       -0.1332367
##
    [128,]
                 0.379543 -0.96115930
                                        1.4385677
                                                         0.2461164
                                                                        1.2363997
##
    [129,]
                 0.379543 -0.96115930 -0.9986523
                                                         1.1528613
                                                                       -0.1332367
##
    [130,]
                 0.379543 -0.05776789 -0.1862456
                                                        -1.5673732
                                                                       -0.1332367
    [131,]
                                                                        1.2363997
##
                 1.784904 -0.96115930
                                        0.6261610
                                                         0.2461164
##
    [132,]
                 0.379543 0.84562353
                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
                -2.431178 -0.05776789
                                                                       -0.1332367
    [133,]
                                        1.0323644
                                                         0.2461164
##
    [134,]
                 0.379543 0.84562353
                                        1.0323644
                                                         0.2461164
                                                                       -1.5028732
##
    [135,]
                 0.379543 -0.96115930 -1.4048556
                                                         0.2461164
                                                                       -0.1332367
##
    [136,]
                 0.379543 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                       -1.5028732
##
                1.1528613
    [137,]
                                                                        1.2363997
    [138,]
                -1.025818 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    [139,]
                -1.025818 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    Γ140.]
                 0.379543 -0.05776789 -1.4048556
                                                         1.1528613
                                                                       -0.1332367
##
                 0.379543 -0.96115930 -0.9986523
    [141,]
                                                        -1.5673732
                                                                        1.2363997
##
    [142,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                        1.2363997
##
    [143,]
                 0.379543 -0.05776789
                                        0.6261610
                                                         0.2461164
                                                                        1.2363997
##
    [144,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         0.2461164
                                                                        1.2363997
##
    [145,]
                -2.431178 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                       -1.5028732
##
    [146,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
##
    [147,]
                -1.025818 -0.96115930 -0.9986523
                                                         1.1528613
                                                                        1.2363997
##
                -1.025818 1.74901494 -0.5924489
                                                                       -1.5028732
    [148,]
                                                        -1.5673732
##
    [149,]
                 0.379543 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                       -0.1332367
##
    [150,]
                 0.379543 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                        1.2363997
##
    [151,]
                 0.379543 -0.05776789 0.6261610
                                                        -0.6606284
                                                                       -1.5028732
```

```
##
    [152,]
                  0.379543 0.84562353
                                         1.0323644
                                                         -0.6606284
                                                                        -0.1332367
##
    [153,]
                  0.379543 -0.05776789
                                         1.4385677
                                                          0.2461164
                                                                        -0.1332367
##
    [154,]
                  0.379543 -0.05776789 -0.9986523
                                                         -0.6606284
                                                                        -1.5028732
    [155,]
                  0.379543 0.84562353
                                                          1.1528613
                                                                         1.2363997
##
                                         1.0323644
##
    [156,]
                  0.379543 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -0.1332367
##
                 -1.025818 -0.05776789 -0.1862456
    [157,]
                                                          0.2461164
                                                                        -0.1332367
##
    ſ158.]
                 -1.025818 -0.96115930
                                         0.6261610
                                                         -0.6606284
                                                                        -0.1332367
##
    [159,]
                 -1.025818 0.84562353
                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    ſ160.]
                  0.379543 -0.96115930
                                         1.4385677
                                                          0.2461164
                                                                        -0.1332367
##
    [161,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          1.1528613
                                                                        -0.1332367
    [162,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          -0.6606284
                                                                        -1.5028732
                  0.379543 -0.96115930
##
    [163,]
                                         0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
    [164,]
                  1.784904 0.84562353 -1.8110589
                                                          1.1528613
                                                                        -1.5028732
##
    [165,]
                 -1.025818 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                        -1.5028732
##
    [166,]
                  0.379543 2.65240635 -0.5924489
                                                         -0.6606284
                                                                         1.2363997
##
    [167,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                         -1.5028732
##
                  0.379543 0.84562353
    [168,]
                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    [169,]
                 -1.025818 -0.05776789
                                         1.0323644
                                                          1.1528613
                                                                         1.2363997
##
    [170,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                         1.2363997
##
    [171,]
                  0.379543 -0.96115930
                                         0.6261610
                                                         -0.6606284
                                                                        -0.1332367
##
    [172,]
                 -2.431178 -0.96115930
                                         1.4385677
                                                         -1.5673732
                                                                         1.2363997
##
    [173,]
                  0.379543 -0.96115930 -0.9986523
                                                         -0.6606284
                                                                         1.2363997
##
    [174,]
                  0.379543 -0.05776789 -0.9986523
                                                         -1.5673732
                                                                        -1.5028732
                  0.379543 -0.05776789
##
    Γ175. ]
                                         1.0323644
                                                         -1.5673732
                                                                         -1.5028732
                                                                        -1.5028732
##
    [176,]
                  0.379543 -0.96115930
                                         0.6261610
                                                         -1.5673732
    [177,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          1.1528613
                                                                         1.2363997
##
                 -1.025818 -0.96115930 -0.9986523
                                                          1.1528613
                                                                         1.2363997
    [178,]
##
    [179,]
                  0.379543 0.84562353
                                         1.0323644
                                                         -1.5673732
                                                                        -1.5028732
##
    [180,]
                  0.379543 -0.96115930 -0.9986523
                                                                         1.2363997
                                                          1.1528613
##
    [181,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
    [182,]
                  0.379543 -0.96115930
                                         0.6261610
                                                         -0.6606284
                                                                         1.2363997
##
    [183,]
                  0.379543 -0.96115930
                                         1.4385677
                                                         -0.6606284
                                                                         1.2363997
##
    [184,]
                 -1.025818 -0.96115930 -0.9986523
                                                          0.2461164
                                                                        -0.1332367
                  1.784904 -0.05776789 -0.1862456
##
    [185,]
                                                         -1.5673732
                                                                        -1.5028732
##
    [186,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          -0.6606284
                                                                         -0.1332367
                  0.379543 2.65240635 -0.5924489
##
    [187,]
                                                                        -0.1332367
                                                          0.2461164
##
    [188,]
                  1.784904 2.65240635
                                        0.2199577
                                                         -0.6606284
                                                                         1.2363997
##
    [189,]
                 -1.025818 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -0.1332367
##
    [190,]
                            1.74901494 -1.8110589
                                                         -0.6606284
                  0.379543
                                                                         1.2363997
##
    [191,]
                 -1.025818 2.65240635 -0.5924489
                                                          0.2461164
                                                                        -0.1332367
                  0.379543 -0.96115930
    [192,]
                                        0.6261610
                                                         -0.6606284
                                                                         1.2363997
##
    [193,]
                 -1.025818 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -0.1332367
##
    [194,]
                  1.784904 -0.96115930
                                        0.6261610
                                                          1.1528613
                                                                        -1.5028732
##
    [195,]
                 -1.025818 1.74901494 -0.5924489
                                                          1.1528613
                                                                        -0.1332367
##
    [196,]
                  1.784904 -0.96115930 0.6261610
                                                         -1.5673732
                                                                        -0.1332367
    [197,]
##
                  0.379543 -0.05776789 -0.9986523
                                                         -0.6606284
                                                                         1.2363997
##
    [198,]
                  0.379543 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -1.5028732
##
    [199,]
                  0.379543 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -0.1332367
    [200,]
##
                  0.379543 -0.05776789 -0.1862456
                                                          1.1528613
                                                                        -0.1332367
##
    [201,]
                 -1.025818 -0.05776789 -0.1862456
                                                          -1.5673732
                                                                        -0.1332367
##
                  0.379543 -0.05776789 -0.1862456
    [202,]
                                                          1.1528613
                                                                        -1.5028732
##
    [203,]
                  0.379543 -0.96115930 0.6261610
                                                          0.2461164
                                                                        -1.5028732
##
    [204,]
                  0.379543 -0.05776789 -0.9986523
                                                          1.1528613
                                                                        -0.1332367
##
    [205,]
                  0.379543 -0.05776789 -1.8110589
                                                         -1.5673732
                                                                        -0.1332367
```

```
##
    [206,]
                  0.379543 0.84562353
                                        1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    [207,]
                  1.784904 -0.96115930
                                                         -0.6606284
                                                                        -1.5028732
                                        0.6261610
                  0.379543 -0.96115930 -0.9986523
                                                          1.1528613
##
    [208,]
                                                                         1.2363997
##
    [209,]
                 -1.025818 -0.05776789 -1.8110589
                                                          1.1528613
                                                                        -0.1332367
##
    [210,]
                  0.379543
                            0.84562353 -1.8110589
                                                         -1.5673732
                                                                        -1.5028732
##
    [211,]
                 -2.431178
                            0.84562353
                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    [212.]
                 -1.025818
                           0.84562353 -0.1862456
                                                          0.2461164
                                                                         1.2363997
                                                                         1.2363997
##
    [213,]
                  0.379543 -0.05776789
                                         1.0323644
                                                          0.2461164
##
    [214.]
                 -1.025818
                           0.84562353
                                         0.2199577
                                                         -0.6606284
                                                                        -0.1332367
##
    [215,]
                  0.379543 -0.96115930
                                         0.6261610
                                                         -1.5673732
                                                                         1.2363997
    [216,]
                  0.379543
                           0.84562353
                                        -0.5924489
                                                          1.1528613
                                                                         1.2363997
    [217,]
##
                 -1.025818 -0.05776789
                                         1.0323644
                                                         -1.5673732
                                                                         1.2363997
##
    [218,]
                  0.379543 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                         1.2363997
##
    [219,]
                 -1.025818 0.84562353
                                         1.0323644
                                                          1.1528613
                                                                         1.2363997
##
    [220,]
                                         1.0323644
                                                         -1.5673732
                                                                        -0.1332367
                  0.379543 -0.05776789
##
    [221,]
                  0.379543 -0.05776789 -0.9986523
                                                         -0.6606284
                                                                         1.2363997
##
    [222,]
                                         0.6261610
                                                                        -0.1332367
                 -1.025818 -0.96115930
                                                         -0.6606284
##
    [223,]
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                           0.84562353
                                         0.2199577
                                                          1.1528613
                                                                        -1.5028732
    [224,]
                                                                        -1.5028732
##
                  0.379543 0.84562353
                                         1.0323644
                                                          0.2461164
##
    [225,]
                 -2.431178 -0.05776789
                                        -0.1862456
                                                          0.2461164
                                                                        -0.1332367
##
    [226,]
                 -1.025818 -0.96115930
                                         0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
    [227,]
                  0.379543 -0.96115930
                                         1.4385677
                                                          1.1528613
                                                                        -1.5028732
##
    [228,]
                  0.379543
                           0.84562353
                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
    [229.]
                                                          0.2461164
##
                  0.379543
                           0.84562353
                                         1.0323644
                                                                         1.2363997
                                         0.6261610
##
    [230,]
                 -1.025818 -0.96115930
                                                          1.1528613
                                                                         1.2363997
    [231,]
                 -1.025818 -0.96115930 -0.9986523
                                                          1.1528613
                                                                         1.2363997
##
    [232,]
                  0.379543 2.65240635 -0.5924489
                                                          1.1528613
                                                                        -0.1332367
##
    [233,]
                  0.379543 -0.96115930 -1.4048556
                                                          0.2461164
                                                                        -0.1332367
##
    [234,]
                  0.379543 2.65240635 -0.5924489
                                                          1.1528613
                                                                        -1.5028732
##
    [235,]
                  0.379543 -0.96115930 -0.9986523
                                                          1.1528613
                                                                        -0.1332367
##
    [236,]
                  0.379543 1.74901494 -0.5924489
                                                          1.1528613
                                                                        -0.1332367
##
    [237,]
                  0.379543 -0.96115930 -0.9986523
                                                         -1.5673732
                                                                        -0.1332367
##
    [238,]
                 -1.025818 2.65240635 -0.5924489
                                                          0.2461164
                                                                         1.2363997
    [239,]
                  0.379543 -0.96115930
##
                                        1.4385677
                                                         -0.6606284
                                                                        -0.1332367
##
    [240,]
                 -1.025818 -0.96115930 -0.9986523
                                                          0.2461164
                                                                         1.2363997
                                                                        -1.5028732
##
                  0.379543 -0.96115930 -0.9986523
    [241,]
                                                          0.2461164
##
    [242,]
                  0.379543 -0.05776789
                                        1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    [243,]
                  0.379543 -0.05776789
                                         0.6261610
                                                         -1.5673732
                                                                        -1.5028732
##
    [244,]
                  0.379543 -0.05776789
                                         0.6261610
                                                          1.1528613
                                                                        -1.5028732
##
    [245,]
                  1.784904 2.65240635 -0.5924489
                                                          1.1528613
                                                                        -0.1332367
    [246,]
                  0.379543 0.84562353
                                         0.2199577
                                                          0.2461164
                                                                        -1.5028732
##
    [247,]
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##
    [258,]
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##
    [259,]
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```

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##
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##
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##
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```

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##
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##
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##
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##
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##
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##
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##
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##
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##
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                                                                        -0.1332367
##
    [403,]
                 0.379543 -0.05776789
                                                                         1.2363997
                                         1.0323644
                                                          0.2461164
##
    [404,]
                  1.784904 0.84562353
                                        1.0323644
                                                         -1.5673732
                                                                        -0.1332367
##
    [405,]
                  0.379543 -0.05776789 -0.9986523
                                                         -1.5673732
                                                                        -1.5028732
##
    [406,]
                 0.379543 -0.96115930 -0.9986523
                                                         -1.5673732
                                                                        -0.1332367
    [407,]
##
                 0.2461164
                                                                        -0.1332367
    [408,]
                  0.379543 -0.96115930
                                        0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
    [409,]
                 0.379543 1.74901494 -0.5924489
                                                          1.1528613
                                                                        -0.1332367
##
    Γ410.]
                 0.379543 -0.05776789
                                        0.6261610
                                                          0.2461164
                                                                        -1.5028732
##
    [411,]
                 -2.431178 -0.05776789 -0.1862456
                                                          1.1528613
                                                                        1.2363997
##
    [412,]
                 0.379543 2.65240635 -0.5924489
                                                         -1.5673732
                                                                        -0.1332367
##
    [413,]
                 0.379543 -0.05776789 -0.1862456
                                                          0.2461164
                                                                        -1.5028732
##
    [414,]
                 -1.025818 -0.05776789 -1.8110589
                                                          1.1528613
                                                                        -0.1332367
##
    [415,]
                  0.379543 -0.96115930
                                         1.4385677
                                                         -0.6606284
                                                                        1.2363997
    [416,]
##
                 -2.431178 -0.96115930
                                         1.4385677
                                                          0.2461164
                                                                        -1.5028732
##
    [417,]
                 0.379543 -0.96115930 -0.9986523
                                                          1.1528613
                                                                        -0.1332367
##
    [418,]
                  0.379543 2.65240635 -0.5924489
                                                          0.2461164
                                                                        -0.1332367
##
    [419,]
                 0.379543 -0.96115930
                                        0.6261610
                                                          1.1528613
                                                                        -1.5028732
##
    [420,]
                 0.379543 -0.96115930 -0.9986523
                                                          1.1528613
                                                                        -0.1332367
##
    [421,]
                 -1.025818 0.84562353 0.2199577
                                                          0.2461164
                                                                        -0.1332367
```

```
##
    [422,]
                -1.025818 -0.96115930 0.6261610
                                                        -0.6606284
                                                                       -0.1332367
                -1.025818 -0.96115930 -1.4048556
##
    [423,]
                                                         1.1528613
                                                                        1.2363997
    [424,]
##
                 0.379543
                          0.84562353
                                       1.0323644
                                                        -1.5673732
                                                                       -0.1332367
##
    [425,]
                -1.025818
                           1.74901494 -0.5924489
                                                         1.1528613
                                                                       -1.5028732
##
    [426,]
                -1.025818
                           1.74901494 -0.5924489
                                                         0.2461164
                                                                       -0.1332367
##
    [427,]
                 0.379543 -0.96115930 -0.9986523
                                                         1.1528613
                                                                       1.2363997
##
    ſ428.]
                -1.025818 0.84562353
                                       1.0323644
                                                        -1.5673732
                                                                       -0.1332367
    [429,]
##
                 0.379543 -0.05776789 -0.1862456
                                                         1.1528613
                                                                       -1.5028732
##
    [430.]
                 0.379543 1.74901494
                                       0.2199577
                                                         0.2461164
                                                                       -0.1332367
##
    [431,]
                -2.431178 -0.96115930 -0.9986523
                                                         0.2461164
                                                                        1.2363997
    [432,]
                 0.379543 -0.05776789 -0.9986523
                                                         0.2461164
                                                                        1.2363997
##
    [433,]
                -1.025818 -0.96115930
                                                                       -1.5028732
                                        0.6261610
                                                         0.2461164
##
    [434,]
                -1.025818 0.84562353
                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
##
    [435,]
                 0.379543
                            0.84562353 -0.1862456
                                                        -0.6606284
                                                                       -1.5028732
##
    [436,]
                           0.84562353 -0.5924489
                                                         0.2461164
                                                                       -0.1332367
                 0.379543
##
    [437,]
                -2.431178 -0.96115930 -0.9986523
                                                         1.1528613
                                                                       -1.5028732
##
    [438,]
                 0.379543 -0.96115930
                                                        -0.6606284
                                       1.4385677
                                                                        1.2363997
##
    [439,]
                 0.379543
                           0.84562353 -1.8110589
                                                         0.2461164
                                                                       -0.1332367
    [440,]
                           0.84562353 -1.8110589
                                                                       -0.1332367
##
                 0.379543
                                                         0.2461164
##
    [441,]
                 0.379543
                           0.84562353 -1.4048556
                                                        -1.5673732
                                                                       -1.5028732
##
    [442,]
                 0.379543 -0.96115930 -0.9986523
                                                         0.2461164
                                                                       -0.1332367
##
    [443,]
                 0.379543 0.84562353
                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
    [444,]
                -1.025818 -0.96115930 -0.9986523
                                                         0.2461164
                                                                        1.2363997
    [445.]
##
                 0.379543 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
##
    [446,]
                 0.379543 1.74901494 -0.5924489
                                                        -0.6606284
                                                                        1.2363997
    [447,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
    [448,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    [449,]
                 0.379543 1.74901494 -0.1862456
                                                         0.2461164
                                                                        1.2363997
##
    [450,]
                 0.379543 -0.96115930 -0.9986523
                                                         0.2461164
                                                                       -0.1332367
                                                                        1.2363997
##
    [451,]
                 0.379543 -0.05776789
                                       1.0323644
                                                         1.1528613
##
    [452,]
                 -1.5673732
                                                                       -0.1332367
##
    [453,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
    [454,]
                 0.379543 -0.96115930 -1.4048556
                                                         0.2461164
                                                                       -1.5028732
                 0.379543 -0.05776789 -0.1862456
                                                         1.1528613
                                                                       -1.5028732
##
    [455,]
##
    [456,]
                 1.784904
                           1.74901494
                                        0.2199577
                                                         0.2461164
                                                                       -1.5028732
##
    [457,]
                1.1528613
                                                                       -1.5028732
##
    [458,]
                 0.379543 -0.96115930
                                        1.4385677
                                                        -0.6606284
                                                                        1.2363997
##
    [459,]
                -2.431178 0.84562353
                                        1.0323644
                                                        -1.5673732
                                                                       -1.5028732
##
    [460,]
                -1.025818 -0.05776789 -1.8110589
                                                         0.2461164
                                                                        1.2363997
                 0.379543 -0.05776789
                                                                       -1.5028732
##
    [461,]
                                        1.0323644
                                                         0.2461164
                 0.379543 -0.05776789
    [462,]
                                        1.0323644
                                                         0.2461164
                                                                        1.2363997
##
    [463,]
                 1.784904 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
    [464,]
                -2.431178 -0.96115930 -0.9986523
                                                         1.1528613
                                                                        1.2363997
##
    [465,]
                 0.379543
                           0.84562353 -0.1862456
                                                         1.1528613
                                                                        1.2363997
##
    [466,]
                 0.379543
                            0.84562353 -1.8110589
                                                         0.2461164
                                                                       -0.1332367
    [467,]
##
                 0.379543
                            1.74901494 -0.5924489
                                                        -1.5673732
                                                                       -0.1332367
##
    [468,]
                 0.379543
                           0.84562353
                                        1.0323644
                                                        -0.6606284
                                                                       -1.5028732
##
    [469,]
                 0.379543 -0.05776789
                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
##
    [470,]
                 1.784904 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    [471,]
                 0.379543 -0.96115930
                                        1.4385677
                                                         1.1528613
                                                                       -0.1332367
                 0.379543 -0.05776789 -1.8110589
##
    [472,]
                                                                       -0.1332367
                                                         0.2461164
##
    [473,]
                 0.379543 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                       -0.1332367
##
    [474,]
                -1.025818 2.65240635
                                        0.2199577
                                                         0.2461164
                                                                       -1.5028732
##
    [475,]
                 1.784904 -0.96115930 0.6261610
                                                         1.1528613
                                                                       -0.1332367
```

```
##
    [476,]
                 0.379543 -0.05776789
                                       1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
    [477,]
                -1.025818 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
##
    [478,]
                 0.379543 2.65240635 -0.5924489
                                                        -0.6606284
                                                                       -0.1332367
##
    [479,]
                 0.379543 -0.96115930
                                                                       -0.1332367
                                        1.4385677
                                                         0.2461164
##
    [480,]
                 0.379543 -0.96115930 -0.9986523
                                                         0.2461164
                                                                       -0.1332367
##
                -1.025818 -0.96115930
    [481,]
                                        1.4385677
                                                        -1.5673732
                                                                       -0.1332367
##
    ſ482.]
                -1.025818 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
##
    [483,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                       -1.5028732
##
    [484,]
                -1.025818 -0.05776789
                                       -0.9986523
                                                         1.1528613
                                                                        1.2363997
##
    [485,]
                 1.784904 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                       -1.5028732
    [486,]
                -1.025818 -0.96115930
                                        0.6261610
                                                         0.2461164
                                                                       -1.5028732
##
    [487,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
##
    [488,]
                -1.025818 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                        1.2363997
##
                 0.379543 -0.05776789 -1.8110589
    [489,]
                                                         1.1528613
                                                                       -0.1332367
##
    [490,]
                                                         1.1528613
                                                                       -1.5028732
                -1.025818 1.74901494
                                        0.2199577
##
    [491,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                        1.2363997
##
    [492,]
                 0.379543 -0.05776789 -0.9986523
                                                         0.2461164
                                                                       -1.5028732
##
    [493,]
                -1.025818 1.74901494 -0.5924489
                                                        -1.5673732
                                                                       -0.1332367
                -1.025818 -0.05776789 -1.4048556
                                                                       1.2363997
##
    [494,]
                                                         0.2461164
##
    [495,]
                 0.379543 -0.96115930
                                        1.4385677
                                                         0.2461164
                                                                       -1.5028732
##
    [496,]
                 0.379543 -0.96115930
                                        1.4385677
                                                        -1.5673732
                                                                       -1.5028732
##
    [497,]
                 0.379543 -0.96115930
                                        1.4385677
                                                         0.2461164
                                                                       1.2363997
##
    [498,]
                 0.379543 2.65240635 -0.5924489
                                                         1.1528613
                                                                       -0.1332367
    [499.]
                                                         0.2461164
##
                 0.379543 -0.96115930
                                        0.6261610
                                                                       -0.1332367
                                                                       -1.5028732
##
    [500,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
    [501,]
                 0.379543 -0.05776789
                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
##
    [502,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         0.2461164
                                                                       -1.5028732
##
    [503,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                        1.2363997
##
    [504,]
                 0.379543 -0.96115930
                                                         1.1528613
                                        0.6261610
                                                                       -0.1332367
##
    [505,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                       -0.1332367
##
    [506,]
                 0.379543 -0.96115930 -0.9986523
                                                         1.1528613
                                                                       -0.1332367
##
    [507,]
                 0.2461164
                                                                       -0.1332367
##
    [508,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
                                                         1.1528613
                                                                        1.2363997
##
    [509,]
                -2.431178 -0.05776789
                                        0.6261610
##
    [510,]
                 0.379543 -0.05776789 -1.8110589
                                                         1.1528613
                                                                       -1.5028732
##
    [511,]
                                                        -0.6606284
                 -0.1332367
##
    [512,]
                -1.025818 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                       -1.5028732
##
    [513,]
                -1.025818 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                        1.2363997
##
    [514,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         0.2461164
                                                                        1.2363997
##
                 0.379543 -0.96115930
    [515,]
                                        0.6261610
                                                        -1.5673732
                                                                        1.2363997
    [516,]
                -1.025818 -0.96115930
                                       -0.9986523
                                                         0.2461164
                                                                       -0.1332367
##
    [517,]
                 1.784904 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                       -0.1332367
##
    [518,]
                 1.784904 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
    [519,]
                -1.025818 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                       1.2363997
##
    [520,]
                -2.431178 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       -1.5028732
##
    [521,]
                 1.784904 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
##
    [522,]
                 1.784904 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                       -1.5028732
##
    [523,]
                 1.784904 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                        1.2363997
                 1.784904 -0.96115930 -0.9986523
##
    [524,]
                                                         0.2461164
                                                                       -0.1332367
##
    [525,]
                -0.6606284
                                                                        1.2363997
##
    [526,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                        1.2363997
##
    [527,]
                -1.025818 -0.05776789 -1.8110589
                                                         0.2461164
                                                                        1.2363997
##
    [528,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         1.1528613
                                                                        1.2363997
##
    [529,]
                 0.379543 -0.05776789
                                       1.0323644
                                                         0.2461164
                                                                       -0.1332367
```

```
##
    [530,]
                  1.784904 -0.05776789 -1.8110589
                                                          1.1528613
                                                                         1.2363997
##
    ſ531.]
                           0.84562353 -0.1862456
                  0.379543
                                                         -1.5673732
                                                                        -0.1332367
                  0.379543
##
    [532,]
                            0.84562353
                                         0.2199577
                                                          1.1528613
                                                                         1.2363997
                                                                         1.2363997
##
    [533,]
                  0.379543 -0.05776789
                                                         -1.5673732
                                         1.0323644
##
    [534,]
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                            0.84562353
                                         1.0323644
                                                         -1.5673732
                                                                        -0.1332367
##
                            1.74901494
    [535,]
                 1.784904
                                         0.2199577
                                                          0.2461164
                                                                        -0.1332367
##
    ſ536.]
                 -1.025818
                            2.65240635 -0.5924489
                                                          1.1528613
                                                                        -1.5028732
    [537,]
                                                                         1.2363997
##
                 0.379543 -0.05776789
                                         1.0323644
                                                         -1.5673732
##
    [538,]
                 0.379543
                            0.84562353 -0.1862456
                                                         -1.5673732
                                                                        -1.5028732
##
    [539,]
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                           2.65240635 -0.5924489
                                                          0.2461164
                                                                        -0.1332367
    [540,]
                 0.379543 -0.96115930
                                         1.4385677
                                                         -0.6606284
                                                                        -0.1332367
                 -2.431178 -0.96115930
##
    [541,]
                                         0.6261610
                                                         -0.6606284
                                                                         1.2363997
##
    [542,]
                 1.784904
                           0.84562353
                                         0.2199577
                                                         -1.5673732
                                                                        -0.1332367
##
    [543,]
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                                                                         1.2363997
##
    [544,]
                 -2.431178 -0.96115930 -0.9986523
                                                                         1.2363997
                                                          0.2461164
##
    [545,]
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                           1.74901494
                                         1.0323644
                                                          0.2461164
                                                                        -1.5028732
##
                  0.379543 -0.05776789
    [546,]
                                         1.0323644
                                                          1.1528613
                                                                        -1.5028732
##
    [547,]
                  0.379543 -0.96115930
                                         1.4385677
                                                          0.2461164
                                                                         1.2363997
                                                                        -1.5028732
##
    [548,]
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                                         0.6261610
                                                          0.2461164
##
    [549,]
                 -1.025818 -0.05776789
                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
##
    [550,]
                 0.379543 -0.05776789 -1.8110589
                                                          0.2461164
                                                                         1.2363997
##
    [551,]
                  0.379543 -0.96115930 -0.9986523
                                                         -1.5673732
                                                                        -0.1332367
##
    [552,]
                  1.784904 -0.05776789 -1.4048556
                                                         -0.6606284
                                                                        -0.1332367
                 0.379543 1.74901494 -1.8110589
##
    [553.]
                                                          1.1528613
                                                                        -0.1332367
                                                                         1.2363997
##
    [554,]
                 -1.025818 -0.96115930
                                        0.6261610
                                                          1.1528613
    [555,]
                 -1.025818 -0.05776789 -1.8110589
                                                         -1.5673732
                                                                         1.2363997
##
    [556,]
                 0.379543 -0.96115930
                                                         -0.6606284
                                                                        -1.5028732
                                        1.4385677
##
    [557,]
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                                                          1.1528613
                                                                         1.2363997
##
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##
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##
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                                                                       1.2363997
##
    [712,]
                -1.025818 -0.96115930
                                       0.6261610
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                                                                       1.2363997
##
    [713,]
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##
    [714,]
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    [715.]
##
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                                                                      -1.5028732
##
    [716,]
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                                                       -0.6606284
                                                                      -0.1332367
    [717,]
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##
    [718,]
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##
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##
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                 0.379543 1.74901494 -0.1862456
##
    [722,]
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                                                                      -0.1332367
##
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##
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##
    [725,]
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##
    [726,]
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##
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##
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##
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##
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##
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##
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##
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##
    [744,]
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##
    [745,]
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```

```
##
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##
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##
##
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##
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##
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##
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##
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##
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                                       1.0323644
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##
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##
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                                                                     -0.1332367
                 0.379543 -0.96115930
                                       1.4385677
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##
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##
    [765,]
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##
    [766,]
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                                                                     -0.1332367
##
    [767,]
                 0.379543 2.65240635
                                                       0.2461164
                                                                     -0.1332367
                                       0.2199577
##
    [768,]
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##
                                       1.0323644
                                                      -1.5673732
                                                                     -0.1332367
                                       0.6261610
##
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##
    [772,]
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                                                                     -0.1332367
##
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                                                                     -0.1332367
##
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##
    [775,]
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                           1.74901494 -0.5924489
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##
    [776,]
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                                       1.0323644
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##
    [777,]
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##
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                                                                     -1.5028732
##
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##
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##
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    [781,]
##
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##
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##
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    [786,]
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##
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##
    [788,]
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##
    [789,]
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##
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                          0.84562353 -1.4048556
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##
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                                                                     -1.5028732
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##
    [792,]
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##
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##
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##
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##
                -1.025818 -0.05776789
                                                       1.1528613
                                                                     -1.5028732
    [796,]
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##
    [797,]
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##
    [798,]
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                                                       0.2461164
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##
    [799,]
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                                                      -0.6606284
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```

```
##
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##
    ſ801.]
                 -1.025818 -0.96115930 -0.9986523
                                                         -0.6606284
##
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                                                                         1.2363997
##
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                                                                        -0.1332367
##
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                                         0.6261610
                                                          1.1528613
                                                                        -0.1332367
##
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    [805,]
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    [806.]
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    [807,]
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##
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                           0.84562353 -1.8110589
                                                         -0.6606284
##
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##
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##
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##
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                                        1.0323644
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                                                                         1.2363997
##
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##
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                  0.379543
##
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##
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##
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                  0.379543 -0.05776789 -0.1862456
##
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##
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##
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                 -1.025818 1.74901494
##
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    [823.]
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##
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##
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                                                                        -0.1332367
##
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                                                                        -1.5028732
##
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                                                          1.1528613
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##
    [833,]
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##
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##
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##
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##
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##
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##
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##
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##
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##
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                 -2.431178 -0.05776789
##
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                  0.379543 2.65240635 -0.5924489
##
    [852,]
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##
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```

```
##
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    [855,]
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##
                                        0.6261610
                                                          0.2461164
                                                                        -0.1332367
##
    [856,]
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                                                          1.1528613
                                                                        -0.1332367
##
    [857,]
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                                                          0.2461164
                                                                         1.2363997
##
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                                                          0.2461164
                                                                         1.2363997
##
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                                                                        -1.5028732
##
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##
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                                                          1.1528613
                                                                        -0.1332367
##
    [862.]
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##
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```

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##
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                                        1.4385677
                                                        -1.5673732
                                                                       -0.1332367
## [1023,]
                 1.784904 -0.96115930 -0.9986523
                                                          0.2461164
                                                                        1.2363997
##
   Γ1024.]
                 0.379543 -0.96115930
                                         0.6261610
                                                        -1.5673732
                                                                       -0.1332367
##
   [1025,]
                 0.379543 1.74901494
                                        0.2199577
                                                          0.2461164
                                                                       -0.1332367
   [1026,]
                 0.379543 -0.05776789
                                        1.0323644
                                                          0.2461164
                                                                       -0.1332367
   [1027,]
                 0.379543 -0.05776789
                                        1.0323644
                                                          1.1528613
                                                                       -0.1332367
##
   [1028,]
                -1.025818 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
   [1029,]
##
                 1.784904 -0.96115930
                                        0.6261610
                                                          0.2461164
                                                                       -0.1332367
  [1030,]
                 0.379543 -0.05776789 -0.9986523
                                                                       -1.5028732
                                                          0.2461164
   [1031,]
                 0.379543
                            0.84562353
                                        1.0323644
                                                          1.1528613
                                                                       -1.5028732
   [1032,]
                                                                       -1.5028732
##
                 0.379543
                            0.84562353
                                        1.0323644
                                                          1.1528613
   [1033,]
                -1.025818 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                        1.2363997
   [1034,]
                           0.84562353 -0.1862456
                                                                        1.2363997
                 1.784904
                                                        -0.6606284
   [1035,]
                -2.431178
                           0.84562353 -1.8110589
                                                         -1.5673732
                                                                       -1.5028732
##
  [1036,]
                 1.784904 -0.96115930 -1.4048556
                                                        -0.6606284
                                                                        1.2363997
## [1037,]
                 0.379543 -0.96115930 -0.9986523
                                                          1.1528613
                                                                       -0.1332367
## [1038,]
                           0.84562353 -0.1862456
                 0.379543
                                                          1.1528613
                                                                       -0.1332367
   Γ1039.<sub>]</sub>
##
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                       -1.5028732
##
   [1040,]
                 0.379543 -0.96115930 -1.4048556
                                                         0.2461164
                                                                       -0.1332367
   [1041,]
                -1.025818 0.84562353
                                        0.2199577
                                                        -0.6606284
                                                                       -1.5028732
   [1042,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                        1.2363997
##
   [1043,]
                -1.025818 -0.96115930 -0.9986523
                                                         0.2461164
                                                                        1.2363997
##
   [1044,]
                 1.784904 1.74901494
                                        0.2199577
                                                        -0.6606284
                                                                        1.2363997
  [1045,]
                 0.379543 -0.05776789 -1.8110589
                                                         0.2461164
                                                                       -0.1332367
   [1046,]
                 0.379543 -0.96115930
                                        0.6261610
                                                          0.2461164
                                                                       -1.5028732
##
   [1047,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -0.6606284
                                                                        1.2363997
   [1048,]
                 0.379543 -0.05776789
                                         1.0323644
                                                        -1.5673732
                                                                       -0.1332367
   [1049,]
                -2.431178 -0.05776789
                                         1.0323644
                                                        -1.5673732
                                                                        1.2363997
   [1050,]
                 0.379543 -0.05776789
                                         1.0323644
                                                          0.2461164
                                                                       -0.1332367
                                                                        1.2363997
   [1051,]
                 0.379543 -0.96115930 -0.9986523
##
                                                          1.1528613
  [1052,]
                 0.379543 -0.05776789
                                        1.0323644
                                                          0.2461164
                                                                       -0.1332367
## [1053,]
                 0.379543 -0.96115930
                                        0.6261610
                                                                       -1.5028732
                                                          0.2461164
   [1054,]
                 1.784904 -0.05776789
                                                          0.2461164
                                                                       -0.1332367
                                        0.6261610
  [1055,]
##
                 0.379543
                           0.84562353
                                       -1.8110589
                                                        -0.6606284
                                                                       -1.5028732
   [1056,]
                 0.379543
                           1.74901494
                                        0.2199577
                                                        -1.5673732
                                                                       -1.5028732
   [1057,]
                 0.379543 -0.96115930
                                        1.4385677
                                                         0.2461164
                                                                       -0.1332367
##
   [1058,]
                 0.379543 -0.05776789
                                         1.0323644
                                                        -0.6606284
                                                                        1.2363997
##
   [1059,]
                -1.025818 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                        1.2363997
## [1060,]
                 0.379543 -0.96115930
                                        1.4385677
                                                          0.2461164
                                                                       -0.1332367
## [1061,]
                 0.379543 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                        1.2363997
##
   [1062,]
                 0.379543 -0.96115930
                                        1.4385677
                                                        -0.6606284
                                                                       -0.1332367
   [1063,]
                 0.2461164
                                                                        1.2363997
   [1064,]
                -1.025818 -0.05776789
                                        1.0323644
                                                          0.2461164
                                                                       -1.5028732
   [1065,]
                 0.379543 -0.96115930 -1.4048556
                                                          0.2461164
                                                                       -1.5028732
   [1066,]
                 0.379543 -0.05776789 -1.8110589
##
                                                         0.2461164
                                                                       -0.1332367
## [1067,]
                -1.025818 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                       -0.1332367
## [1068,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                       -0.1332367
## [1069,]
                -1.025818 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                        1.2363997
```

```
## [1070,]
                -1.025818 -0.96115930 0.6261610
                                                        0.2461164
                                                                      -1.5028732
  [1071,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                       1.2363997
                -1.025818 -0.05776789 -0.9986523
                                                                      -0.1332367
  [1072,]
                                                        -1.5673732
  [1073,]
                 0.379543 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                      -0.1332367
  [1074,]
                -2.431178 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                      -0.1332367
  [1075,]
                 0.379543 -0.05776789 -1.8110589
##
                                                        0.2461164
                                                                       1.2363997
                           0.84562353 -0.5924489
## [1076.]
                 0.379543
                                                         1.1528613
                                                                       1.2363997
## [1077,]
                 0.379543
                           1.74901494 -0.5924489
                                                         1.1528613
                                                                      -1.5028732
##
   Γ1078.]
                -1.025818 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                       1.2363997
##
  [1079,]
                 0.379543
                           1.74901494
                                       0.2199577
                                                        -1.5673732
                                                                      -0.1332367
  [1080,]
                 0.379543
                           0.84562353 -0.1862456
                                                        -0.6606284
                                                                       1.2363997
  [1081,]
                           1.74901494 -0.5924489
                 0.379543
                                                        -0.6606284
                                                                      -0.1332367
##
   [1082,]
                -1.025818
                           0.84562353 -1.8110589
                                                        -0.6606284
                                                                       1.2363997
   [1083,]
                                                        0.2461164
##
                 0.379543 -0.05776789 -0.9986523
                                                                       1.2363997
  [1084,]
                 0.379543 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                       1.2363997
   [1085,]
                -1.025818
                           0.84562353
                                        1.0323644
                                                         0.2461164
                                                                      -0.1332367
   [1086,]
##
                 0.379543 -0.96115930
                                        0.6261610
                                                         0.2461164
                                                                       1.2363997
   [1087,]
                -2.431178
                          1.74901494
                                        0.2199577
                                                         1.1528613
                                                                       1.2363997
  [1088,]
                 0.379543 -0.96115930
                                        1.4385677
                                                        0.2461164
                                                                      -0.1332367
   [1089,]
                -1.025818 -0.96115930 -0.9986523
                                                        -0.6606284
                                                                      -0.1332367
##
  [1090,]
                 0.379543 -0.05776789
                                       0.6261610
                                                         1.1528613
                                                                      -0.1332367
## [1091,]
                -2.431178 -0.05776789 -1.8110589
                                                        -1.5673732
                                                                      -0.1332367
## [1092,]
                -1.025818 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                       1.2363997
   ſ1093.]
                 0.379543 -0.96115930
##
                                        0.6261610
                                                         1.1528613
                                                                      -0.1332367
  [1094,]
##
                 1.1528613
                                                                      -0.1332367
  [1095,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                      -0.1332367
  [1096,]
                 0.379543 -0.05776789 -0.9986523
                                                        0.2461164
                                                                      -0.1332367
   [1097,]
##
                 0.379543 1.74901494 -0.5924489
                                                         1.1528613
                                                                       1.2363997
##
  [1098,]
                -1.025818 -0.96115930 -0.9986523
                                                                      -1.5028732
                                                        -1.5673732
  [1099,]
                 0.379543 -0.05776789 -1.8110589
                                                         1.1528613
                                                                      -1.5028732
## [1100,]
                 -0.6606284
                                                                      -1.5028732
##
   [1101,]
                -1.025818 -0.96115930
                                        1.4385677
                                                        0.2461164
                                                                      -0.1332367
  [1102,]
                -1.025818 -0.05776789
                                        0.6261610
                                                        -0.6606284
                                                                      -0.1332367
  [1103,]
                                                                       1.2363997
                 0.379543 -0.96115930
                                        1.4385677
                                                         1.1528613
   [1104,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                      -1.5028732
  [1105,]
                 1.784904 -0.96115930
##
                                        0.6261610
                                                        0.2461164
                                                                      -0.1332367
## [1106,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                      -0.1332367
## [1107,]
                -1.025818 -0.05776789
                                        1.0323644
                                                        -1.5673732
                                                                      -0.1332367
## [1108,]
                 0.379543 -0.05776789 -1.4048556
                                                         0.2461164
                                                                      -0.1332367
## [1109,]
                -1.025818 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                       1.2363997
## [1110,]
                 0.379543 0.84562353
                                        1.0323644
                                                        -0.6606284
                                                                      -0.1332367
## [1111,]
                 0.379543 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                      -1.5028732
## [1112.]
                -1.025818 0.84562353 -0.1862456
                                                         1.1528613
                                                                      -0.1332367
## [1113,]
                 0.379543 -0.05776789 -0.1862456
                                                        -0.6606284
                                                                      -0.1332367
## [1114,]
                 0.379543 -0.05776789
                                        0.6261610
                                                        -1.5673732
                                                                      -0.1332367
## [1115,]
                 0.379543 -0.96115930
                                        0.6261610
                                                        -1.5673732
                                                                      -0.1332367
##
  [1116,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       1.2363997
  [1117,]
                -1.025818 2.65240635
                                       -0.5924489
                                                         1.1528613
                                                                      -0.1332367
## [1118,]
                 0.379543 -0.05776789
                                        0.6261610
                                                         1.1528613
                                                                      -0.1332367
## [1119,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                      -0.1332367
## [1120,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                      -0.1332367
## [1121,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        -0.6606284
                                                                       1.2363997
## [1122,]
                 0.379543 -0.05776789
                                        1.0323644
                                                        0.2461164
                                                                       1.2363997
## [1123,]
                 0.379543 -0.96115930 -0.9986523
                                                        -1.5673732
                                                                       1.2363997
```

```
## [1124,]
                 0.379543 -0.05776789 -1.8110589
                                                        0.2461164
                                                                      1.2363997
                 1.784904 0.84562353 1.0323644
## [1125,]
                                                        0.2461164
                                                                     -0.1332367
## [1126,]
                 0.379543 -0.05776789 -1.8110589
                                                        1.1528613
                                                                     -1.5028732
## [1127,]
                 0.379543 2.65240635 -0.5924489
                                                        0.2461164
                                                                     -0.1332367
## [1128,]
                 1.784904 -0.96115930
                                      0.6261610
                                                       0.2461164
                                                                     -0.1332367
## [1129,]
                 1.784904 -0.05776789 -0.9986523
                                                       -1.5673732
                                                                     -0.1332367
## [1130.]
                -1.025818 2.65240635 -0.5924489
                                                        1.1528613
                                                                     1.2363997
## [1131,]
                 1.784904 -0.05776789 -0.9986523
                                                        0.2461164
                                                                     -0.1332367
## [1132.]
                -1.025818 -0.05776789 -1.8110589
                                                       0.2461164
                                                                     -0.1332367
## [1133,]
                 0.379543 -0.05776789
                                      1.0323644
                                                       -1.5673732
                                                                     -0.1332367
## [1134,]
                 1.784904 -0.96115930 -0.9986523
                                                       -0.6606284
                                                                     -1.5028732
## [1135,]
                -1.025818 -0.96115930 -0.9986523
                                                                     -0.1332367
                                                        1.1528613
## [1136,]
                 1.784904 1.74901494 -0.5924489
                                                       -1.5673732
                                                                      1.2363997
## [1137,]
                                                                     -0.1332367
                 0.379543 -0.96115930 -0.9986523
                                                       -0.6606284
## [1138,]
                -1.025818 -0.96115930 0.6261610
                                                       0.2461164
                                                                     -0.1332367
## [1139,]
                 0.379543 1.74901494 -1.8110589
                                                        0.2461164
                                                                     -0.1332367
## [1140,]
                 1.784904 -0.96115930
                                       0.6261610
                                                        1.1528613
                                                                     -0.1332367
## [1141,]
                 0.379543 2.65240635
                                       0.2199577
                                                        1.1528613
                                                                     -1.5028732
## [1142,]
                -1.025818 -0.96115930
                                                                     -0.1332367
                                       0.6261610
                                                       -0.6606284
## [1143,]
                -2.431178 -0.05776789 -0.9986523
                                                       -1.5673732
                                                                      1.2363997
## [1144,]
                -1.025818 -0.05776789
                                       1.0323644
                                                      -1.5673732
                                                                     -0.1332367
## [1145,]
                 0.379543 -0.05776789
                                                       -1.5673732
                                                                      1.2363997
                                      1.0323644
## [1146,]
                 0.379543 -0.05776789 -0.1862456
                                                       0.2461164
                                                                     -0.1332367
## [1147.]
                 1.784904 -0.05776789 -0.1862456
                                                        1.1528613
                                                                     -1.5028732
## [1148,]
                 0.379543 -0.96115930 -0.9986523
                                                       -1.5673732
                                                                     -0.1332367
## [1149,]
                 0.379543 -0.05776789 -0.1862456
                                                       -1.5673732
                                                                     -0.1332367
## [1150,]
                -1.025818 -0.96115930 -0.9986523
                                                       -1.5673732
                                                                     -1.5028732
## [1151,]
                 1.784904 -0.05776789
                                      0.6261610
                                                       -1.5673732
                                                                     -0.1332367
## [1152,]
                -2.431178 -0.05776789 -0.1862456
                                                      -1.5673732
                                                                     -1.5028732
## [1153,]
                 0.379543 -0.96115930
                                      0.6261610
                                                        1.1528613
                                                                     1.2363997
## [1154,]
                 0.379543 -0.96115930
                                       1.4385677
                                                        1.1528613
                                                                      1.2363997
                                                                     -0.1332367
## [1155,]
                 0.379543 2.65240635 -0.5924489
                                                        0.2461164
## [1156,]
                -1.025818 -0.05776789 -0.9986523
                                                        0.2461164
                                                                     -1.5028732
## [1157,]
                -0.1332367
                                                        0.2461164
  [1158,]
                 0.379543 -0.05776789 -1.8110589
                                                        0.2461164
                                                                     -0.1332367
## [1159,]
                 0.379543 -0.05776789 -0.1862456
                                                                     -0.1332367
                                                        0.2461164
## [1160,]
                 0.379543 -0.05776789 -0.1862456
                                                        0.2461164
                                                                      1.2363997
## [1161,]
                -1.025818 -0.05776789 -0.1862456
                                                        1.1528613
                                                                     -1.5028732
## [1162,]
                -1.025818
                          0.84562353 -0.1862456
                                                        0.2461164
                                                                     -0.1332367
                -1.025818 0.84562353
## [1163,]
                                       1.0323644
                                                       -1.5673732
                                                                     -0.1332367
## [1164,]
                                                       -0.6606284
                 0.379543 -0.96115930
                                       0.6261610
                                                                     -0.1332367
## [1165,]
                 1.1528613
                                                                      1.2363997
## [1166,]
                 0.379543 -0.05776789 -1.4048556
                                                        1.1528613
                                                                     -0.1332367
                -1.025818 1.74901494 -0.5924489
## [1167,]
                                                        1.1528613
                                                                     -0.1332367
## [1168,]
                -2.431178 -0.05776789
                                       1.0323644
                                                        1.1528613
                                                                     -1.5028732
## [1169,]
                 0.379543 -0.96115930
                                       0.6261610
                                                                      1.2363997
                                                        1.1528613
## [1170,]
                 1.784904 -0.96115930
                                       0.6261610
                                                        0.2461164
                                                                     -0.1332367
## [1171,]
                 0.379543 -0.96115930
                                       0.6261610
                                                        1.1528613
                                                                      1.2363997
                                                                      1.2363997
## [1172,]
                 0.379543 -0.96115930 -0.9986523
                                                       -1.5673732
## [1173,]
                -1.025818 -0.05776789
                                       1.0323644
                                                       0.2461164
                                                                      1.2363997
## [1174,]
                 -1.5673732
                                                                     -0.1332367
## [1175,]
                 1.784904 -0.05776789 -0.1862456
                                                       0.2461164
                                                                     -1.5028732
## [1176,]
                 0.379543 -0.05776789 -0.1862456
                                                       -0.6606284
                                                                     -0.1332367
## [1177,]
                 0.379543 1.74901494 0.2199577
                                                       -0.6606284
                                                                     -0.1332367
```

```
## [1178,]
                -1.025818 0.84562353 0.2199577
                                                       -1.5673732
                                                                     -1.5028732
  [1179,]
                 0.379543 -0.96115930
                                        1.4385677
                                                        0.2461164
                                                                       1.2363997
  [1180,]
                 0.379543 -0.05776789
                                        0.6261610
                                                       -0.6606284
                                                                      -1.5028732
## [1181,]
                 0.379543 -0.96115930 -0.9986523
                                                       -0.6606284
                                                                       1.2363997
  [1182,]
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                                                        0.2461164
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## [1183,]
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                                                                     -0.1332367
## [1184.]
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                 0.379543 1.74901494 -0.5924489
## [1185,]
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## [1186,]
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## [1187,]
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## [1188,]
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## [1189,]
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## [1190,]
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## [1191,]
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## [1192,]
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## [1196,]
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## [1197,]
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## [1199,]
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## [1200,]
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## [1201.]
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## [1202,]
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  [1209,]
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## [1210,]
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## [1215,]
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## [1225,]
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  [1237,]
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## [1238.]
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##
  [1245,]
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                                                                        1.2363997
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## [1246,]
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##
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## [1252,]
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## [1253,]
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## [1254,]
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   ſ1255.]
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##
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##
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##
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## [1268,]
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## [1269,]
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## [1270,]
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  [1273,]
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## [1274,]
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## [1276,]
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## [1277,]
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                                        0.2199577
##
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                                                                       -1.5028732
##
  [1282,]
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## [1283,]
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## [1284,]
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## [1285,]
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```

```
## [1286,]
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  [1288,]
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##
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##
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## [1308,]
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   Γ1309.
##
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##
  [1310,]
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## [1322,]
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  [1325,]
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  [1327,]
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                                                        -0.6606284
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##
  [1328,]
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##
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##
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                                         0.6261610
                                                         -0.6606284
                                                                         1.2363997
   [1341,]
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                                         1.0323644
                                                          0.2461164
                                                                        -0.1332367
   [1342,]
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                                                          0.2461164
                                                                        -1.5028732
   [1343,]
                  0.379543
                           0.84562353
                                                          1.1528613
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                                         1.0323644
   [1344,]
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                                                         -1.5673732
                                                                         1.2363997
##
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                                        0.6261610
                                                         -1.5673732
                                                                        -0.1332367
  ſ1346.]
                 -1.025818 -0.05776789 -0.1862456
                                                         -0.6606284
                                                                        -0.1332367
## [1347,]
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                                                          1.1528613
                                                                        -0.1332367
##
   [1348,]
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                                                          1.1528613
                                                                         1.2363997
   [1349,]
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                                                                        -1.5028732
   [1350,]
                 -1.025818 -0.96115930
                                         0.6261610
                                                          0.2461164
                                                                        -0.1332367
   [1351,]
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                                         1.0323644
                                                          0.2461164
                                                                         1.2363997
##
   [1352,]
                 0.379543 1.74901494 -0.5924489
                                                          1.1528613
                                                                        -1.5028732
                                                         -1.5673732
                                                                        -0.1332367
##
   [1353,]
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  [1354,]
                                        0.6261610
                                                                        -0.1332367
                 -2.431178 -0.96115930
                                                         -1.5673732
   [1355,]
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                                                          1.1528613
                                                                         1.2363997
##
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                                         1.0323644
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                                                                        -0.1332367
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   [1358,]
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                                                         -1.5673732
   [1359,]
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                                         1.0323644
                                                          1.1528613
                                                                        -1.5028732
##
  [1360,]
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                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
  [1361,]
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                                                                        -1.5028732
                                                          0.2461164
## [1362,]
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                                                          1.1528613
                                                                        -0.1332367
   Г1363.
##
                 0.379543 -0.05776789 -1.8110589
                                                          0.2461164
                                                                         1.2363997
##
   [1364,]
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                                                          0.2461164
                                                                         1.2363997
   [1365,]
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                                         1.0323644
                                                          1.1528613
                                                                        -0.1332367
   [1366,]
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                                         1.4385677
                                                                         1.2363997
                                                         -1.5673732
##
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                                         1.0323644
                                                          0.2461164
                                                                        -0.1332367
##
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                                                         -0.6606284
                                                                        -0.1332367
   [1369,]
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                                         0.6261610
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                                                                        -0.1332367
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                                                                         1.2363997
##
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                                                         -0.6606284
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                                         0.6261610
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                                                                        -1.5028732
   [1375,]
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                                                          1.1528613
                                                                        -0.1332367
  [1376,]
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                                         0.6261610
                                                          0.2461164
                                                                         1.2363997
## [1377,]
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                                                                        -1.5028732
                                                          1.1528613
  [1378,]
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                 0.379543
                                         0.2199577
                                                          1.1528613
  [1379,]
##
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   [1381,]
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##
   Γ1382.]
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                                         0.6261610
                                                          0.2461164
                                                                         1.2363997
##
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                                         0.6261610
## [1384,]
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                                                         -0.6606284
                                                                        -0.1332367
## [1385,]
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                                         1.0323644
                                                          1.1528613
                                                                         1.2363997
##
   [1386,]
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                           0.84562353
                                         1.0323644
                                                          0.2461164
                                                                        -1.5028732
   [1387,]
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   [1389,]
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                                                                        -1.5028732
                 -2.431178 -0.05776789
##
   [1390,]
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                                                         -1.5673732
                                                                        -0.1332367
## [1391,]
                 -1.025818 -0.96115930 -0.9986523
                                                          1.1528613
                                                                        -1.5028732
## [1392,]
                 -1.025818 -0.96115930
                                         1.4385677
                                                         -1.5673732
                                                                         1.2363997
## [1393,]
                 0.379543 -0.05776789
                                        1.0323644
                                                          1.1528613
                                                                        -0.1332367
```

```
## [1394,]
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                                        1.0323644
                                                         1.1528613
                                                                       1.2363997
   [1395,]
                -1.025818 -0.05776789 -0.1862456
                                                         1.1528613
                                                                       1.2363997
                 0.379543 -0.05776789
                                                         1.1528613
                                                                       -0.1332367
  [1396,]
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                                                        -1.5673732
  [1397,]
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                                                                       1.2363997
                                        1.0323644
  [1398,]
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                                        0.6261610
                                                         0.2461164
                                                                       -0.1332367
  [1399,]
##
                 0.379543 -0.05776789 -1.8110589
                                                         0.2461164
                                                                      -1.5028732
## [1400.]
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                                                         0.2461164
                                                                       -0.1332367
## [1401,]
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                                                        -0.6606284
                                                                       -0.1332367
##
  Γ1402.]
                 1.784904
                          2.65240635 -0.5924489
                                                        -0.6606284
                                                                       -0.1332367
##
  [1403,]
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                                                         1.1528613
                                                                      -1.5028732
  [1404,]
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                          1.74901494
                                        1.0323644
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                                                                       1.2363997
                -1.025818 -0.05776789
                                                                       1.2363997
  [1405,]
                                        0.6261610
                                                         0.2461164
                                        0.2199577
  [1406,]
                 0.379543 0.84562353
                                                         0.2461164
                                                                       -0.1332367
## [1407,]
                                                        -1.5673732
                                                                       1.2363997
                 0.379543 -0.05776789 -0.1862456
## [1408,]
                -1.025818 -0.05776789 -1.8110589
                                                                       1.2363997
                                                         0.2461164
## [1409,]
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                                                         1.1528613
                                                                       1.2363997
  [1410,]
##
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                                                         0.2461164
                                                                       -0.1332367
  [1411,]
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                                       1.0323644
                                                        -0.6606284
                                                                       -0.1332367
## [1412,]
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                                                        -0.6606284
                                                                       -0.1332367
## [1413,]
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                                                        -0.6606284
                                                                       -0.1332367
## [1414,]
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                                                                      -1.5028732
## [1415,]
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                                                         0.2461164
## [1416,]
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                                                         0.2461164
                                                                       -1.5028732
## [1417.]
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                                        1.0323644
                                                        -0.6606284
                                                                       -0.1332367
## [1418,]
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                                        1.4385677
                                                         0.2461164
                                                                      -0.1332367
  [1419,]
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                                                         0.2461164
                                                                       -0.1332367
## [1420,]
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                                        0.6261610
                                                        -1.5673732
                                                                       -1.5028732
##
  [1421,]
                 0.379543 -0.96115930
                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
## [1422,]
                 0.379543 0.84562353
                                                        -0.6606284
                                        0.2199577
                                                                       -0.1332367
## [1423,]
                 0.379543 -0.96115930 -0.9986523
                                                         0.2461164
                                                                       -0.1332367
## [1424,]
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                                        0.6261610
                                                         0.2461164
                                                                       1.2363997
##
  [1425,]
                 0.379543 -0.05776789
                                        0.6261610
                                                         0.2461164
                                                                       1.2363997
  [1426,]
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                                                                       -0.1332367
  [1427,]
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                                                        -0.6606284
                                                                       1.2363997
   [1428,]
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                                                         1.1528613
                                                                       -0.1332367
## [1429,]
                -1.025818 -0.96115930
                                        1.4385677
                                                        -0.6606284
                                                                      -0.1332367
## [1430,]
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                                        0.6261610
                                                         1.1528613
                                                                       1.2363997
## [1431,]
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                                        0.2199577
                                                                       -0.1332367
                -2.431178
                                                         0.2461164
## [1432,]
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                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
                 0.379543
## [1433,]
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                                        0.2199577
                                                         1.1528613
                                                                       -0.1332367
  [1434,]
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                                        1.0323644
                                                         0.2461164
                                                                       -1.5028732
  [1435,]
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                                        1.4385677
                                                         1.1528613
                                                                       -1.5028732
  [1436,]
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                                                                       1.2363997
## [1437,]
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                                        1.4385677
                                                        -1.5673732
                                                                       1.2363997
## [1438,]
                 0.379543 2.65240635 -0.5924489
                                                         1.1528613
                                                                       1.2363997
## [1439,]
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                                        1.4385677
                                                        -1.5673732
                                                                       -0.1332367
##
  [1440,]
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                                        1.0323644
                                                         1.1528613
                                                                       -0.1332367
  [1441,]
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                                                        -0.6606284
                                                                       -1.5028732
## [1442,]
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                                                         0.2461164
                                                                       -1.5028732
## [1443,]
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                                        0.6261610
                                                         1.1528613
                                                                       -0.1332367
## [1444,]
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                                                         0.2461164
                                                                      -0.1332367
## [1445,]
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                                                         0.2461164
                                                                      -0.1332367
## [1446,]
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                                                        -0.6606284
                                                                       -0.1332367
## [1447,]
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                                                         0.2461164
                                                                       -0.1332367
```

```
## [1448,]
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                                        1.0323644
                                                         1.1528613
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## [1449,]
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                                        1.0323644
                                                        -0.6606284
                                                                      -1.5028732
## [1450,]
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## [1451,]
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## [1452,]
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                                        1.0323644
                                                         1.1528613
                                                                      -0.1332367
## [1453,]
                 0.379543 -0.05776789
                                        1.0323644
                                                         0.2461164
                                                                      -1.5028732
## [1454.]
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                                        1.0323644
                                                         1.1528613
                                                                      -0.1332367
## [1455,]
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                                        1.0323644
                                                         0.2461164
                                                                       1.2363997
## [1456,]
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                                                         0.2461164
                                                                       1.2363997
## [1457,]
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                                                         0.2461164
                                                                      -0.1332367
## [1458,]
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                                                         0.2461164
                                                                      -0.1332367
## [1459,]
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                                        0.6261610
                                                         1.1528613
                                                                      -0.1332367
## [1460,]
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                                                        -0.6606284
                                                                      -0.1332367
## [1461,]
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                                        0.6261610
                                                        -1.5673732
                                                                       1.2363997
## [1462,]
                -1.025818 0.84562353
                                        1.0323644
                                                        -1.5673732
                                                                      -1.5028732
## [1463,]
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                                        1.0323644
                                                         1.1528613
                                                                      -0.1332367
## [1464,]
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                                                        -1.5673732
                                                                       1.2363997
  [1465,]
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                                       1.4385677
                                                         0.2461164
                                                                       1.2363997
                 1.784904 -0.05776789 -0.9986523
  [1466,]
                                                         1.1528613
                                                                      -0.1332367
##
  [1467,]
                -1.025818 0.84562353 -1.8110589
                                                        -1.5673732
                                                                      -0.1332367
                 1.784904 -0.05776789 -0.1862456
## [1468,]
                                                        -0.6606284
                                                                      -0.1332367
## [1469,]
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                                                        -0.6606284
                                                                      -0.1332367
##
  [1470,]
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                                                         0.2461164
                                                                      -0.1332367
##
           MonthlyIncome MonthlyRate NumCompaniesWorked Over18
                                                                    OverTime
##
      [1,] -0.1083126537 0.725772953
                                                2.1244130
                                                              \mathtt{NaN}
                                                                  1.5912040
##
      [2,] -0.2916193491 1.488369633
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                                                              NaN -0.6280274
##
      [3,] -0.9373347071 -1.674271090
                                                1.3237753
                                                                   1.5912040
                                                              {\tt NaN}
##
      [4,] -0.7633738919 1.242787651
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                                                              NaN
                                                                   1.5912040
##
                                                              NaN -0.6280274
      [5,] -0.6446387323 0.325789028
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                                               -1.0781375
##
      [6,] -0.7296012794 -0.344082189
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##
      [7,] -0.8141390138 -0.611019125
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                                                              \mathtt{NaN}
                                                                   1.5912040
##
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##
      [9,] 0.6421190437 -0.776379533
                                               -1.0781375
                                                              NaN -0.6280274
##
     [10,] -0.2688918677 0.318061906
                                                1.3237753
                                                              NaN -0.6280274
     [11,] -0.8659661676 0.304293580
##
                                               -1.0781375
                                                              NaN -0.6280274
##
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##
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##
     [14,] -0.8160506711 -0.780453833
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##
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                                                              {\tt NaN}
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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                                               -1.0781375
                                                             NaN -0.6280274
## [1466,] -0.8351672442 -0.284232118
                                                0.5231377
                                                             NaN -0.6280274
  [1467,] 0.7408880048 1.003668353
                                                0.5231377
                                                             NaN -0.6280274
  [1468,] -0.0766641049 -1.283981191
                                               -0.6778187
                                                             NaN 1.5912040
   [1469,] -0.2363936934 -0.150342170
                                               -0.2774999
                                                             NaN -0.6280274
   [1470,] -0.4458263721 -0.573928940
##
                                               -0.2774999
                                                             NaN -0.6280274
##
           PercentSalaryHike PerformanceRating RelationshipSatisfaction
##
      [1,]
                                      -0.426085
                 -1.15016269
                                                               -1.5836393
##
      [2,]
                  2.12858163
                                       2.345353
                                                                1.1910327
##
      [3,]
                 -0.05724792
                                      -0.426085
                                                               -0.6587487
##
      [4,]
                 -1.15016269
                                      -0.426085
                                                                0.2661420
##
      [5,]
                 -0.87693400
                                      -0.426085
                                                                1.1910327
##
      [6,]
                 -0.60370530
                                      -0.426085
                                                               0.2661420
##
      [7,]
                  1.30889555
                                       2.345353
                                                              -1.5836393
##
      [8,]
                  1.85535294
                                       2.345353
                                                               -0.6587487
##
      [9,]
                  1.58212424
                                       2.345353
                                                               -0.6587487
##
     [10,]
                 -0.60370530
                                      -0.426085
                                                               -0.6587487
##
     [11,]
                 -0.60370530
                                      -0.426085
                                                                0.2661420
                 -0.87693400
##
     [12,]
                                      -0.426085
                                                                1.1910327
##
     [13,]
                  0.48920947
                                      -0.426085
                                                                1.1910327
##
     [14,]
                 -1.15016269
                                      -0.426085
                                                               0.2661420
##
     [15,]
                 -0.33047661
                                      -0.426085
                                                               -0.6587487
##
     [16,]
                                      -0.426085
                                                               0.2661420
                 -1.15016269
##
     [17,]
                 -0.87693400
                                      -0.426085
                                                               1.1910327
```

##	[18,]	-0.60370530	-0.426085	-0.6587487
##	[19,]	0.21598078	-0.426085	0.2661420
##	[20,]	-1.15016269	-0.426085	0.2661420
##	[21,]	0.76243816	-0.426085	1.1910327
##	[22,]	2.12858163	2.345353	-0.6587487
##	[23,]	-1.15016269	-0.426085	0.2661420
##	[24,]	-0.33047661	-0.426085	1.1910327
##	[25,]	-1.15016269	-0.426085	0.2661420
##	[26,]	-1.15016269	-0.426085	1.1910327
##	[27,]	1.85535294	2.345353	-0.6587487
##	[28,]	-1.15016269	-0.426085	1.1910327
##	[29,]	-0.33047661	-0.426085	1.1910327
##	[30,]	-0.87693400	-0.426085	1.1910327
##	[31,]	-1.15016269	-0.426085	1.1910327
##	[32,]	-0.60370530	-0.426085	1.1910327
##	[33,]	-0.60370530	-0.426085	-1.5836393
##	[34,]	-0.33047661	-0.426085	0.2661420
##	[35,]	0.21598078	-0.426085	-1.5836393
##	[36,]	-0.87693400	-0.426085	1.1910327
##	[37,]	-0.33047661	-0.426085	0.2661420
##	[38,]	-0.60370530	-0.426085	-1.5836393
##	[39,]	-0.33047661	-0.426085	1.1910327
##	[40,]	1.03566686	-0.426085	-1.5836393
##	[41,]	-0.87693400	-0.426085	0.2661420
##	[42,]	-0.60370530	-0.426085	1.1910327
##	[43,]	-0.87693400	-0.426085	0.2661420
##	[44,]	-0.05724792	-0.426085	1.1910327
##	[45,]	2.12858163	2.345353	1.1910327
##	[46,]	-0.87693400	-0.426085	1.1910327
##	[47,]	1.30889555	2.345353	0.2661420
##	[48,]	1.58212424	2.345353	-1.5836393
##	[49,]	1.58212424	2.345353	0.2661420
##	[50,]	1.03566686	-0.426085	1.1910327
##	[51,]	-0.60370530	-0.426085	1.1910327
##	[52,]	-0.60370530	-0.426085	0.2661420
##	[53,]	1.58212424	2.345353	0.2661420
##	[54,]	-0.60370530	-0.426085	0.2661420
##	[55,]	1.03566686	-0.426085	0.2661420
##	[56,]	-0.87693400	-0.426085	0.2661420
##	[57,]	1.85535294	2.345353	1.1910327
##	[58,]	-0.05724792	-0.426085	0.2661420
##	[59,]	1.85535294	2.345353	1.1910327
##	[60,]	0.76243816	-0.426085	0.2661420
##	[61,]	1.85535294	2.345353	-0.6587487
##	[62,]	-1.15016269	-0.426085	1.1910327
##	[63,]	-0.87693400	-0.426085	1.1910327
##	[64,]	-1.15016269	-0.426085	1.1910327
##	[65,]	-0.60370530	-0.426085	-0.6587487
##	[66,]	-0.33047661	-0.426085	0.2661420
##	[67,]	-0.60370530	-0.426085	0.2661420
##	[68,]	0.48920947	-0.426085	0.2661420
##	[69,]	-0.60370530	-0.426085	1.1910327
##	[70,]	0.48920947	-0.426085	-1.5836393
##	[71,]	-1.15016269	-0.426085	1.1910327
##	L/ I , ]	1.15010209	-0.420005	1.1910327

	T	0 40050400	0.045050	
##	[72,]	2.12858163	2.345353	1.1910327
##	[73,]	0.48920947	-0.426085	-0.6587487
##	[74,]	0.48920947	-0.426085	-0.6587487
##	[75,]	-0.87693400	-0.426085	-0.6587487
##	[76,]	2.12858163	2.345353	1.1910327
##	[77,]	-0.33047661	-0.426085	-0.6587487
##	[78,]	-0.33047661	-0.426085	-0.6587487
##	[79,]	-0.60370530	-0.426085	-1.5836393
##	[80,]	1.85535294	2.345353	1.1910327
##	[81,]	-0.87693400	-0.426085	0.2661420
##	[82,]	0.76243816	-0.426085	-1.5836393
##	[83,]	-0.33047661	-0.426085	1.1910327
##	[84,]	-0.87693400	-0.426085	1.1910327
##	[85,]	-0.05724792	-0.426085	0.2661420
##	[86,]	-1.15016269	-0.426085	-1.5836393
##	[87,]	-0.60370530	-0.426085	0.2661420
##	[88,]	2.12858163	2.345353	-0.6587487
##	[89,]	1.03566686	-0.426085	-1.5836393
##	[90,]	0.21598078	-0.426085	1.1910327
##	[91,]	1.85535294	2.345353	1.1910327
##	[92,]	1.85535294	2.345353	1.1910327
##	[93,]	-0.87693400	-0.426085	-0.6587487
##	[94,]	-0.60370530	-0.426085	0.2661420
##	[95,]	0.21598078	-0.426085	-1.5836393
##	[96,]	-0.87693400	-0.426085	-1.5836393
##	[97,]	1.58212424	2.345353	-1.5836393
##	[98,]	-0.05724792	-0.426085	-0.6587487
##	[99,]	-0.60370530	-0.426085	0.2661420
##	[100,]	-0.87693400	-0.426085	0.2661420
##	[101,]	1.85535294	2.345353	1.1910327
##	[102,]	-0.60370530	-0.426085	1.1910327
##	[103,]	0.76243816	-0.426085	-0.6587487
##	[104,]	-0.33047661	-0.426085	0.2661420
##	[105,]	-0.33047661	-0.426085	1.1910327
##	[106,]	1.58212424	2.345353	1.1910327
##	[107,]	1.03566686	-0.426085	-1.5836393
##	[108,]	-1.15016269	-0.426085	1.1910327
##	[109,]	-1.15016269	-0.426085	0.2661420
##	[110,]	-0.05724792	-0.426085	0.2661420
##	[111,]	1.30889555	2.345353	0.2661420
##	[112,]	2.40181032	2.345353	1.1910327
##	[113,]	-0.87693400	-0.426085	0.2661420
##	[114,]	-0.87693400	-0.426085	0.2661420
##	[115,]	-0.05724792	-0.426085	0.2661420
##	[116,]	-0.87693400	-0.426085	-1.5836393
##	[117,]	-0.87693400	-0.426085	1.1910327
##	[118,]	-0.33047661	-0.426085	0.2661420
##	[119,]	1.85535294	2.345353	-1.5836393
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##	[121,]	-0.60370530	-0.426085	-1.5836393
##	[122,]	0.76243816	-0.426085	-1.5836393
##	[123,]	-0.60370530	-0.426085	0.2661420
##	[124,]	0.76243816	-0.426085	-0.6587487
πĦ	[120,]	0.10243010	0.420000	0.0301401

	F 7			
##	[126,]	1.03566686	-0.426085	0.2661420
##	[127,]	-0.87693400	-0.426085	1.1910327
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##	[129,]	-0.33047661	-0.426085	0.2661420
##	[130,]	-0.33047661	-0.426085	0.2661420
##	[131,]	-0.87693400	-0.426085	1.1910327
##	[132,]	-1.15016269	-0.426085	1.1910327
##	[133,]	-1.15016269	-0.426085	0.2661420
##	[134,]	-0.60370530	-0.426085	0.2661420
##	[135,]	2.12858163	2.345353	1.1910327
##	[136,]	1.30889555	2.345353	1.1910327
##	[137,]	-0.05724792	-0.426085	1.1910327
##	[138,]	-0.33047661	-0.426085	0.2661420
##	[139,]	0.76243816	-0.426085	1.1910327
##	[140,]	1.03566686	-0.426085	1.1910327
##	[141,]	1.85535294	2.345353	-1.5836393
##	[142,]	-0.60370530	-0.426085	-0.6587487
##	[143,]	1.30889555	2.345353	-0.6587487
##	[144,]	-0.33047661	-0.426085	0.2661420
##	[145,]	0.48920947	-0.426085	1.1910327
##	[146,]	-0.33047661	-0.426085	1.1910327
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##	[148,]	-0.60370530	-0.426085	-0.6587487
##	[149,]	1.58212424	2.345353	1.1910327
##	[150,]	-0.33047661	-0.426085	1.1910327
##	[151,]	-1.15016269	-0.426085	-1.5836393
##	[152,]	-0.60370530	-0.426085	-1.5836393
##	[153,]	1.30889555	2.345353	1.1910327
##	[154,]	0.76243816	-0.426085	0.2661420
##	[155,]	-0.33047661	-0.426085	1.1910327
##	[156,]	-0.60370530	-0.426085	-1.5836393
##	[157,]	0.48920947	-0.426085	0.2661420
##	[158,]	1.30889555	2.345353	-0.6587487
##	[159,]	-1.15016269	-0.426085	-1.5836393
##	[160,]	0.76243816	-0.426085	1.1910327
##	[161,]	2.40181032	2.345353	-1.5836393
##	[162,]	0.76243816	-0.426085	1.1910327
##	[163,]	-1.15016269	-0.426085	0.2661420
##	[164,]	0.21598078	-0.426085	-0.6587487
##	[165,]	-0.05724792	-0.426085	1.1910327
##	[166,]	-0.05724792	-0.426085	-0.6587487
##	[167,]	-0.87693400	-0.426085	-1.5836393
##	[168,]	-0.87693400	-0.426085	0.2661420
##	[169,]	1.85535294	2.345353	0.2661420
##	[170,]	1.30889555	2.345353	-1.5836393
##	[171,]	0.21598078	-0.426085	1.1910327
##	[172,]	1.58212424	2.345353	-1.5836393
##	[173,]	-0.87693400	-0.426085	0.2661420
##	[174,]	-1.15016269	-0.426085	0.2661420
##	[175,]	-1.15016269	-0.426085	-1.5836393
##	[176,]	0.76243816	-0.426085	0.2661420
##	[177,]	-0.33047661	-0.426085	-1.5836393
##	[178,]	1.85535294	2.345353	0.2661420
##	[179,]	2.67503902	2.345353	0.2661420

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##	[180,]	-0.87693400	-0.426085	0.2661420
##	[181,]	2.12858163	2.345353	0.2661420
##	[182,]	-0.05724792	-0.426085	1.1910327
##	[183,]	1.85535294	2.345353	1.1910327
##	[184,]	-0.05724792	-0.426085	1.1910327
##	[185,]	-1.15016269	-0.426085	0.2661420
##	[186,]	-0.60370530	-0.426085	1.1910327
##	[187,]	-0.33047661	-0.426085	-0.6587487
##	[188,]	-1.15016269	-0.426085	1.1910327
##	[189,]	0.48920947	-0.426085	0.2661420
##	[190,]	0.76243816	-0.426085	0.2661420
##	[191,]	-0.33047661	-0.426085	-1.5836393
##	[192,]	0.21598078	-0.426085	1.1910327
##	[193,]	-0.60370530	-0.426085	-1.5836393
##	[194,]	-0.33047661	-0.426085	1.1910327
##	[195,]	2.12858163	2.345353	1.1910327
##	[196,]	-0.87693400	-0.426085	-1.5836393
##	[197,]	-1.15016269	-0.426085	1.1910327
##	[198,]	0.21598078	-0.426085	-0.6587487
##	[199,]	-0.33047661	-0.426085	-0.6587487
##	[200,]	0.76243816	-0.426085	-1.5836393
##	[201,]	1.03566686	-0.426085	0.2661420
##	[202,]	-0.05724792	-0.426085	-1.5836393
##	[203,]	0.48920947	-0.426085	1.1910327
##	[204,]	-0.05724792	-0.426085	0.2661420
##	[205,]	1.03566686	-0.426085	-0.6587487
##	[206,]	1.85535294	2.345353	1.1910327
##	[207,]	0.21598078	-0.426085	-1.5836393
##	[208,]	-0.60370530	-0.426085	-1.5836393
##	[209,]	-0.33047661	-0.426085	1.1910327
##	[210,]	0.21598078	-0.426085	0.2661420
##	[211,]	-1.15016269	-0.426085	0.2661420
##	[212,]	1.85535294	2.345353	0.2661420
##	[213,]	-0.33047661	-0.426085	1.1910327
##	[214,]	0.21598078	-0.426085	1.1910327
##	[215,]	-1.15016269	-0.426085	0.2661420
##	[216,]	0.76243816	-0.426085	0.2661420
##	[217,]	-0.05724792	-0.426085	0.2661420
##	[218,]	-0.33047661	-0.426085	1.1910327
##	[219,]	-0.87693400	-0.426085	1.1910327
##	[220,]	-0.33047661	-0.426085	1.1910327
##	[221,]	0.21598078	-0.426085	1.1910327
##	[222,]	1.58212424	2.345353	1.1910327
##	[223,]	-0.33047661	-0.426085	0.2661420
##	[224,]	-0.87693400	-0.426085	0.2661420
##	[225,]	-0.87693400	-0.426085	1.1910327
##	[226,]	0.48920947	-0.426085	-1.5836393
##	[227,]	0.48920947	-0.426085	0.2661420
##	[228,]	-0.33047661	-0.426085	1.1910327
##	[229,]	-0.33047661	-0.426085	-1.5836393
##	[230,]	-0.60370530	-0.426085	0.2661420
##	[231,]	-0.05724792	-0.426085	-0.6587487
##	[232,]	-1.15016269	-0.426085	1.1910327
##	[233,]	0.48920947	-0.426085	1.1910327

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##	[234,]	-1.15016269	-0.426085	0.2661420
##	[235,]	-0.60370530	-0.426085	0.2661420
##	[236,]	1.85535294	2.345353	0.2661420
##	[237,]	1.30889555	2.345353	-1.5836393
##	[238,]	0.76243816	-0.426085	1.1910327
##	[239,]	-1.15016269	-0.426085	-1.5836393
##	[240,]	-0.33047661	-0.426085	1.1910327
##	[241,]	-0.33047661	-0.426085	0.2661420
##	[242,]	0.76243816	-0.426085	-1.5836393
##	[243,]	0.21598078	-0.426085	-1.5836393
##	[244,]	0.48920947	-0.426085	-1.5836393
##	[245,]	-1.15016269	-0.426085	0.2661420
##	[246,]	-0.87693400	-0.426085	-1.5836393
##	[247,]	-0.60370530	-0.426085	0.2661420
##	[248,]	-0.60370530	-0.426085	-0.6587487
##	[249,]	-0.33047661	-0.426085	-1.5836393
##	[250,]	0.48920947	-0.426085	1.1910327
##	[251,]	-1.15016269	-0.426085	-0.6587487
##	[252,]	2.67503902	2.345353	1.1910327
##	[253,]	1.03566686	-0.426085	-1.5836393
##	[254,]	-0.60370530	-0.426085	0.2661420
##	[255,]	-0.33047661	-0.426085	1.1910327
##	[256,]	-0.87693400	-0.426085	1.1910327
##	[257,]	-1.15016269	-0.426085	0.2661420
##	[258,]	1.03566686	-0.426085	1.1910327
##	[259,]	-1.15016269	-0.426085	-0.6587487
##	[260,]	-1.15016269	-0.426085	-0.6587487
##	[261,]	1.30889555	2.345353	0.2661420
##	[262,]	0.76243816	-0.426085	1.1910327
##	[263,]	-0.60370530	-0.426085	1.1910327
##	[264,]	-0.87693400	-0.426085	-0.6587487
##	[265,]	-1.15016269	-0.426085	0.2661420
##	[266,]	1.03566686	-0.426085	-0.6587487
##	[267,]	1.58212424	2.345353	-0.6587487
##	[268,]	-0.87693400	-0.426085	1.1910327
##	[269,]	-0.33047661	-0.426085	-0.6587487
##	[270,]	-1.15016269	-0.426085	0.2661420
##	[271,]	-0.33047661	-0.426085	0.2661420
##	[272,]	-0.87693400	-0.426085	1.1910327
##	[273,]	2.12858163	2.345353	1.1910327
##	[274,]	-0.33047661	-0.426085	-0.6587487
##	[275,]	0.48920947	-0.426085	-1.5836393
##	[276,]	0.76243816	-0.426085	-1.5836393
##	[277,]	0.76243816	-0.426085	-0.6587487
##	[278,]	2.40181032	2.345353	0.2661420
##	[279,]	1.30889555	2.345353	-1.5836393
##	[280,]	-0.33047661	-0.426085	-1.5836393
##	[281,]	0.21598078	-0.426085	1.1910327
##	[282,]	2.67503902	2.345353	0.2661420
##	[283,]	0.76243816	-0.426085	-1.5836393
##	[284,]	1.03566686	-0.426085	1.1910327
##	[285,]	-0.60370530	-0.426085	0.2661420
##	[286,]	-0.87693400	-0.426085	-0.6587487
##	[287,]	1.85535294	2.345353	1.1910327

##	[288,]	-0.33047661	-0.426085	-0.6587487
##	[289,]	-0.60370530	-0.426085	1.1910327
##	[290,]	1.58212424	2.345353	1.1910327
##	[291,]	-1.15016269	-0.426085	1.1910327
##	[292,]	-0.87693400	-0.426085	1.1910327
##	[293,]	-1.15016269	-0.426085	0.2661420
##	[294,]	-0.87693400	-0.426085	-0.6587487
##	[295,]	-0.87693400	-0.426085	0.2661420
##	[296,]	-0.33047661	-0.426085	1.1910327
##	[297,]	-0.60370530	-0.426085	0.2661420
##	[298,]	-0.05724792	-0.426085	0.2661420
##	[299,]	0.76243816	-0.426085	1.1910327
##	[300,]	0.76243816	-0.426085	1.1910327
##	[301,]	1.03566686	-0.426085	-0.6587487
##	[302,]	-0.87693400	-0.426085	-1.5836393
##	[303,]	1.03566686	-0.426085	0.2661420
##	[304,]	-1.15016269	-0.426085	-0.6587487
##	[305,]	0.48920947	-0.426085	-1.5836393
##	[306,]	-0.05724792	-0.426085	0.2661420
##	[307,]	-0.33047661	-0.426085	0.2661420
##	[308,]	0.48920947	-0.426085	0.2661420
##	[309,]	-0.60370530	-0.426085	1.1910327
##	[310,]	-0.87693400	-0.426085	0.2661420
##	[311,]	-0.87693400	-0.426085	1.1910327
##	[312,]	0.76243816	-0.426085	-1.5836393
##	[313,]	0.76243816	-0.426085	-0.6587487
##	[314,]	-1.15016269	-0.426085	-0.6587487
##	[315,]	-0.33047661	-0.426085	1.1910327
##	[316,]	1.03566686	-0.426085	-1.5836393
##	[317,]	-0.87693400	-0.426085	1.1910327
##	[318,]	-0.05724792	-0.426085	-1.5836393
##	[319,]	-0.87693400	-0.426085	-0.6587487
##	[320,]	-1.15016269	-0.426085	1.1910327
##	[321,]	-1.15016269	-0.426085	-1.5836393
##	[322,]	-0.87693400	-0.426085	1.1910327
##	[323,]	0.21598078	-0.426085	0.2661420
##	[324,]	-0.60370530	-0.426085	1.1910327
##	[325,]	-0.60370530	-0.426085	1.1910327
##	[326,]	2.40181032	2.345353	-1.5836393
##	[327,]	-0.05724792	-0.426085	-1.5836393
##	[328,]	0.76243816	-0.426085	-1.5836393
##	[329,]	-0.33047661	-0.426085	0.2661420
##	[330,]	-1.15016269	-0.426085	-0.6587487
##	[331,]	-1.15016269	-0.426085	-0.6587487
##	[332,]	-0.60370530	-0.426085	1.1910327
##	[333,]	-0.87693400	-0.426085	1.1910327
##	[334,]	0.21598078	-0.426085	-1.5836393
##	[335,]	-0.33047661	-0.426085	-1.5836393
##	[336,]	1.85535294	2.345353	0.2661420
##	[337,]	-1.15016269	-0.426085	1.1910327
##	[338,]	0.48920947	-0.426085	0.2661420
##	[339,]	-0.60370530	-0.426085	0.2661420
##	[340,]	0.76243816	-0.426085	-1.5836393
##	[341,]	0.21598078	-0.426085	0.2661420

##	[342,]	-0.33047661	-0.426085	-0.6587487
##	[343,]	-0.33047661	-0.426085	0.2661420
##	[344,]	-0.33047661	-0.426085	-1.5836393
##	[345,]	-0.60370530	-0.426085	1.1910327
##	[346,]	-0.87693400	-0.426085	0.2661420
##	[347,]	-0.05724792	-0.426085	1.1910327
##	[348,]	1.03566686	-0.426085	-1.5836393
##	[349,]	-0.33047661	-0.426085	-0.6587487
##	[350,]	-0.33047661	-0.426085	-1.5836393
##	[351,]	-1.15016269	-0.426085	0.2661420
##	[352,]	-0.60370530	-0.426085	0.2661420
##	[353,]	1.58212424	2.345353	-0.6587487
##	[354,]	-0.60370530	-0.426085	-1.5836393
##	[355,]	-0.87693400	-0.426085	-0.6587487
##	[356,]	0.48920947	-0.426085	-0.6587487
##	[357,]	2.12858163	2.345353	-0.6587487
##	[358,]	-1.15016269	-0.426085	0.2661420
##	[359,]	-0.05724792	-0.426085	-0.6587487
##	[360,]	-1.15016269	-0.426085	-1.5836393
##	[361,]	-1.15016269	-0.426085	0.2661420
	[362,]	-0.60370530	-0.426085	0.2661420
##	[363,]	2.40181032	2.345353	0.2661420
##				
##	[364,]	-0.60370530	-0.426085	-0.6587487
##	[365,]	1.30889555	2.345353	-0.6587487
##	[366,]	-0.33047661	-0.426085	0.2661420
##	[367,]	0.76243816	-0.426085	0.2661420
##	[368,]	-0.05724792	-0.426085	1.1910327
##	[369,]	-0.87693400	-0.426085	-1.5836393
##	[370,]	0.21598078	-0.426085	1.1910327
##	[371,]	-0.05724792	-0.426085	1.1910327
##	[372,]	0.21598078	-0.426085	1.1910327
##	[373,]	1.03566686	-0.426085	0.2661420
##	[374,]	-1.15016269	-0.426085	-0.6587487
##	[375,]	0.21598078	-0.426085	1.1910327
##	[376,]	2.40181032	2.345353	0.2661420
##	[377,]	-1.15016269	-0.426085	0.2661420
##	[378,]	-0.60370530	-0.426085	-0.6587487
##	[379,]	-0.60370530	-0.426085	-0.6587487
##	[380,]	-0.60370530	-0.426085	0.2661420
##	[381,]	-0.87693400	-0.426085	1.1910327
##	[382,]	0.76243816	-0.426085	-1.5836393
##	[383,]	1.85535294	2.345353	0.2661420
##	[384,]	-0.60370530	-0.426085	1.1910327
##	[385,]	-0.60370530	-0.426085	-0.6587487
##	[386,]	2.12858163	2.345353	0.2661420
##	[387,]	-0.87693400	-0.426085	0.2661420
##	[388,]	-0.87693400	-0.426085	0.2661420
##	[389,]	0.21598078	-0.426085	-0.6587487
##	[390,]	-0.87693400	-0.426085	1.1910327
##	[391,]	-1.15016269	-0.426085	0.2661420
##	[392,]	1.85535294	2.345353	-0.6587487
##	[393,]	-1.15016269	-0.426085	0.2661420
##	[394,]	-0.05724792	-0.426085	-1.5836393
##	[395,]	-0.87693400	-0.426085	-0.6587487

	F000 7		0.045050	
##	[396,]	1.30889555	2.345353	-1.5836393
##	[397,]	-0.33047661	-0.426085	1.1910327
##	[398,]	-1.15016269	-0.426085	-0.6587487
##	[399,]	-0.05724792	-0.426085	-1.5836393
##	[400,]	-0.87693400	-0.426085	0.2661420
##	[401,]	-0.33047661	-0.426085	0.2661420
##	[402,]	-1.15016269	-0.426085	1.1910327
##	[403,]	-1.15016269	-0.426085	-0.6587487
##	[404,]	0.21598078	-0.426085	0.2661420
##	[405,]	-0.87693400	-0.426085	1.1910327
##	[406,]	-0.60370530	-0.426085	0.2661420
##	[407,]	-0.33047661	-0.426085	0.2661420
##	[408,]	1.58212424	2.345353	1.1910327
##	[409,]	-0.60370530	-0.426085	1.1910327
##	[410,]	-1.15016269	-0.426085	-0.6587487
##	[411,]	1.30889555	2.345353	0.2661420
##	[412,]	-1.15016269	-0.426085	1.1910327
##	[413,]	-0.33047661	-0.426085	0.2661420
##	[414,]	-1.15016269	-0.426085	1.1910327
##	[415,]	0.21598078	-0.426085	-0.6587487
##	[416,]	0.21598078	-0.426085	1.1910327
##	[417,]	2.12858163	2.345353	0.2661420
##	[418,]	-0.33047661	-0.426085	1.1910327
##	[419,]	1.85535294	2.345353	-0.6587487
##	[420,]	-0.05724792	-0.426085	0.2661420
##	[421,]	0.76243816	-0.426085	0.2661420
##	[422,]	0.21598078	-0.426085	-0.6587487
##	[423,]	-0.87693400	-0.426085	0.2661420
##	[424,]	-1.15016269	-0.426085	0.2661420
##	[425,]	-0.87693400	-0.426085	0.2661420
##	[426,]	-0.05724792	-0.426085	-0.6587487
##	[427,]	-0.33047661	-0.426085	0.2661420
##	[428,]	1.03566686	-0.426085	1.1910327
##	[429,]	-0.60370530	-0.426085	0.2661420
##	[430,]	-0.60370530	-0.426085	0.2661420
##	[431,]	-0.05724792	-0.426085	0.2661420
##	[432,]	-1.15016269	-0.426085	0.2661420
##	[433,]	-0.87693400	-0.426085	0.2661420
##	[434,]	1.03566686	-0.426085	0.2661420
##	[435,]	2.67503902	2.345353	1.1910327
##	[436,]	-0.87693400	-0.426085	1.1910327
##	[437,]	-0.60370530	-0.426085	-1.5836393
##	[438,]	-0.33047661	-0.426085	-1.5836393
##	[439,]	-0.87693400	-0.426085	0.2661420
##	[440,]	-0.87693400	-0.426085	-1.5836393
##	[441,]	-0.05724792	-0.426085	0.2661420
##	[442,]	0.48920947	-0.426085	1.1910327
##	[443,]	-0.33047661	-0.426085	1.1910327
##	[444,]	0.21598078	-0.426085	0.2661420
##	[445,]	-0.33047661	-0.426085	-1.5836393
##	[446,]	2.12858163	2.345353	1.1910327
## ##	[447,]	-0.33047661	-0.426085	1.1910327
##	[448,]	-1.15016269	-0.426085	0.2661420
##	[449,]	-0.05724792	-0.426085	0.2661420
##	L##3,1	0.00124132	0.420000	0.2001420

##	[450,]	-1.15016269	-0.426085	-1.5836393
##	[451,]	-0.60370530	-0.426085	0.2661420
##	[452,]	1.58212424	2.345353	1.1910327
##	[453,]	1.03566686	-0.426085	-0.6587487
##	[454,]	-1.15016269	-0.426085	-0.6587487
##	[455,]	-0.87693400	-0.426085	-0.6587487
##	[456,]	1.03566686	-0.426085	0.2661420
##	[457,]	1.58212424	2.345353	0.2661420
##	[458,]	-0.33047661	-0.426085	1.1910327
##	[459,]	-0.05724792	-0.426085	0.2661420
##	[460,]	0.48920947	-0.426085	-1.5836393
##	[461,]	-0.87693400	-0.426085	-1.5836393
##	[462,]	0.21598078	-0.426085	1.1910327
##	[463,]	-0.87693400	-0.426085	1.1910327
##	[464,]	0.76243816	-0.426085	-0.6587487
##	[465,]	0.48920947	-0.426085	1.1910327
##	[466,]	-1.15016269	-0.426085	1.1910327
##	[467,]	0.21598078	-0.426085	-0.6587487
##	[468,]	-0.60370530	-0.426085	1.1910327
##	[469,]	-0.87693400	-0.426085	-0.6587487
##	[470,]	-0.87693400	-0.426085	1.1910327
##	[471,]	-0.60370530	-0.426085	0.2661420
##	[472,]	1.03566686	-0.426085	0.2661420
##	[473,]	-0.87693400	-0.426085	-0.6587487
##	[474,]	0.48920947	-0.426085	0.2661420
##	[475,]	-1.15016269	-0.426085	-0.6587487
##	[476,]	1.30889555	2.345353	1.1910327
##	[477,]	1.58212424	2.345353	1.1910327
##	[478,]	-1.15016269	-0.426085	0.2661420
##	[479,]	-1.15016269	-0.426085	0.2661420
##	[480,]	0.21598078	-0.426085	1.1910327
##	[481,]	0.76243816	-0.426085	0.2661420
##	[482,]	-0.60370530	-0.426085	1.1910327
##	[483,]	0.48920947	-0.426085	0.2661420
##	[484,]	-0.33047661	-0.426085	1.1910327
##	[485,]	1.85535294	2.345353	1.1910327
##	[486,]	-0.87693400	-0.426085	0.2661420
##	[487,]	-1.15016269	-0.426085	0.2661420
##	[488,]	-0.60370530	-0.426085	1.1910327
##	[489,]	-0.60370530	-0.426085	-0.6587487
##	[490,]	-0.33047661	-0.426085	0.2661420
##	[491,]	0.48920947	-0.426085	1.1910327
##	[492,]	-0.60370530	-0.426085	-0.6587487
##	[493,]	-1.15016269	-0.426085	-1.5836393
##	[494,]	-1.15016269	-0.426085	-0.6587487
##	[495,]	0.76243816	-0.426085	1.1910327
##	[496,]	-1.15016269	-0.426085	-0.6587487
##	[497,]	-1.15016269	-0.426085	0.2661420
##	[498,]	-0.87693400	-0.426085	-1.5836393
##	[499,]	1.30889555	2.345353	1.1910327
##	[500,]	-0.87693400	-0.426085	1.1910327
##	[501,]	-0.87693400	-0.426085	1.1910327
##	[502,]	1.30889555	2.345353	0.2661420
##	[503,]	1.30889555	2.345353	1.1910327

##	[504,]	-0.87693400	-0.426085	1.1910327
##	[505,]	-0.33047661	-0.426085	1.1910327
##	[506,]	-0.60370530	-0.426085	0.2661420
##	[507,]	-0.05724792	-0.426085	0.2661420
##	[508,]	-0.33047661	-0.426085	-1.5836393
##	[509,]	-0.60370530	-0.426085	-0.6587487
##	[510,]	2.12858163	2.345353	0.2661420
##	[511,]	-0.05724792	-0.426085	0.2661420
##	[512,]	-1.15016269	-0.426085	0.2661420
##	[513,]	-0.60370530	-0.426085	1.1910327
##	[514,]	-1.15016269	-0.426085	1.1910327
	[514,]	-1.15016269	-0.426085	-1.5836393
## ##		0.76243816	-0.426085	0.2661420
	[516,]			
##	[517,]	0.21598078	-0.426085	-1.5836393
##	[518,]	1.85535294	2.345353	0.2661420
##	[519,]	1.30889555	2.345353	-1.5836393
##	[520,]	0.76243816	-0.426085	1.1910327
##	[521,]	-0.87693400	-0.426085	1.1910327
##	[522,]	1.30889555	2.345353	-0.6587487
##	[523,]	0.48920947	-0.426085	-1.5836393
##	[524,]	-1.15016269	-0.426085	0.2661420
##	[525,]	-0.33047661	-0.426085	-0.6587487
##	[526,]	-0.33047661	-0.426085	-1.5836393
##	[527,]	-1.15016269	-0.426085	-1.5836393
##	[528,]	-0.87693400	-0.426085	1.1910327
##	[529,]	-0.33047661	-0.426085	-1.5836393
##	[530,]	-0.60370530	-0.426085	0.2661420
##	[531,]	-1.15016269	-0.426085	1.1910327
##	[532,]	-0.05724792	-0.426085	1.1910327
##	[533,]	-0.87693400	-0.426085	1.1910327
##	[534,]	1.58212424	2.345353	0.2661420
##	[535,]	1.03566686	-0.426085	0.2661420
##	[536,]	-0.05724792	-0.426085	-0.6587487
##	[537,]	-0.33047661	-0.426085	1.1910327
##	[538,]	1.58212424	2.345353	0.2661420
##	[539,]	-0.87693400	-0.426085	-0.6587487
##	[540,]	-0.05724792	-0.426085	1.1910327
##	[541,]	-0.60370530	-0.426085	1.1910327
##	[542,]	-0.33047661	-0.426085	-1.5836393
##	[543,]	-0.33047661	-0.426085	1.1910327
##	[544,]	-0.33047661	-0.426085	0.2661420
##	[545,]	-0.87693400	-0.426085	1.1910327
##	[546,]	2.12858163	2.345353	1.1910327
##	[547,]	-1.15016269	-0.426085	0.2661420
##	[548,]	-0.87693400	-0.426085	1.1910327
##	[549,]	0.76243816	-0.426085	0.2661420
##	[550,]	-1.15016269	-0.426085	1.1910327
##	[551,]	-0.33047661	-0.426085	1.1910327
##	[552,]	-0.05724792	-0.426085	0.2661420
##	[553,]	-1.15016269	-0.426085	0.2661420
##	[554,]	1.30889555	2.345353	1.1910327
##	[555,]	1.03566686	-0.426085	-1.5836393
##	[556,]	-0.33047661	-0.426085	1.1910327
##	[557,]	0.48920947	-0.426085	1.1910327

##	[558,]	-1.15016269	-0.426085	-1.5836393
##	[559,]	-0.05724792	-0.426085	1.1910327
##	[560,]	-0.60370530	-0.426085	-0.6587487
##	[561,]	-0.33047661	-0.426085	0.2661420
##	[562,]	-1.15016269	-0.426085	-1.5836393
##	[563,]	-0.60370530	-0.426085	0.2661420
##	[564,]	2.12858163	2.345353	-0.6587487
##	[565,]	-0.60370530	-0.426085	-1.5836393
##	[566,]	0.76243816	-0.426085	1.1910327
##	[567,]	-0.87693400	-0.426085	1.1910327
##	[568,]	1.85535294	2.345353	0.2661420
##	[569,]	-0.60370530	-0.426085	1.1910327
##	[570,]	-0.05724792	-0.426085	-0.6587487
##	[571,]	0.76243816	-0.426085	-1.5836393
##	[572,]	-0.33047661	-0.426085	-1.5836393
##	[573,]	-0.87693400	-0.426085	-1.5836393
##	[574,]	0.48920947	-0.426085	0.2661420
##	[575,]	0.21598078	-0.426085	0.2661420
##	[576,]	-1.15016269	-0.426085	-0.6587487
##	[577,]	1.03566686	-0.426085	-0.6587487
##	[578,]	-0.60370530	-0.426085	-0.6587487
##	[579,]	-0.87693400	-0.426085	1.1910327
##	[580,]	-1.15016269	-0.426085	0.2661420
##	[581,]	0.21598078	-0.426085	-0.6587487
##	[582,]	1.58212424	2.345353	0.2661420
##	[583,]	2.40181032	2.345353	1.1910327
##	[584,]	0.48920947	-0.426085	-0.6587487
##	[585,]	-0.60370530	-0.426085	-0.6587487
##	[586,]	1.58212424	2.345353	0.2661420
##	[587,]	-1.15016269	-0.426085	0.2661420
##	[588,]	1.30889555	2.345353	-0.6587487
##	[589,]	0.21598078	-0.426085	1.1910327
##	[590,]	-1.15016269	-0.426085	1.1910327
##	[591,]	-1.15016269	-0.426085	1.1910327
##	[592,]	-0.05724792	-0.426085	0.2661420
##	[593,]	-1.15016269	-0.426085	0.2661420
##	[594,]	-0.05724792	-0.426085	-1.5836393
##	[595,]	2.40181032	2.345353	0.2661420
##	[596,]	-0.87693400	-0.426085	1.1910327
##	[597,]	-0.60370530	-0.426085	0.2661420
##	[598,]	-0.60370530	-0.426085	1.1910327
##	[599,]	0.48920947	-0.426085	1.1910327
##	[600,]	-0.60370530	-0.426085	-0.6587487
## ##	[601,] [602,]	-0.87693400 -0.33047661	-0.426085 -0.426085	0.2661420 1.1910327
##	[603,]	2.40181032	2.345353	-0.6587487
##	[604,]	-0.33047661	-0.426085	1.1910327
##	[605,]	-0.60370530	-0.426085	1.1910327
##	[606,]	-0.05724792	-0.426085	0.2661420
##	[607,]	0.21598078	-0.426085	0.2661420
##	[608,]	0.76243816	-0.426085	-1.5836393
##	[609,]	0.21598078	-0.426085	0.2661420
##	[610,]	2.40181032	2.345353	0.2661420
##	[611,]	0.21598078	-0.426085	-0.6587487
	,_			1 1 2 0 0 1 2 0 1

##	[612,]	1.58212424	2.345353	-0.6587487
##	[613,]	1.30889555	2.345353	-1.5836393
##	[614,]	1.03566686	-0.426085	0.2661420
##	[615,]	-0.33047661	-0.426085	-1.5836393
##	[616,]	-1.15016269	-0.426085	0.2661420
##	[617,]	-0.33047661	-0.426085	0.2661420
##	[618,]	-0.87693400	-0.426085	1.1910327
##	[619,]	-0.60370530	-0.426085	0.2661420
##	[620,]	1.85535294	2.345353	-1.5836393
##	[621,]	-1.15016269	-0.426085	1.1910327
##	[622,]	-0.33047661	-0.426085	1.1910327
##	[623,]	-1.15016269	-0.426085	0.2661420
##	[624,]	-0.87693400	-0.426085	-0.6587487
##	[625,]	0.76243816	-0.426085	1.1910327
##	[626,]	-0.87693400	-0.426085	0.2661420
##	[627,]	-0.87693400	-0.426085	0.2661420
##	[628,]	1.85535294	2.345353	0.2661420
##	[629,]	1.03566686	-0.426085	1.1910327
##	[630,]	-0.60370530	-0.426085	1.1910327
##	[631,]	1.85535294	2.345353	-1.5836393
##	[632,]	2.40181032	2.345353	0.2661420
##	[633,]	-0.33047661	-0.426085	1.1910327
##	[634,]	1.58212424	2.345353	0.2661420
##	[635,]	0.76243816	-0.426085	1.1910327
##	[636,]	1.30889555	2.345353	-0.6587487
##	[637,]	1.03566686	-0.426085	-1.5836393
##	[638,]	-0.87693400	-0.426085	-0.6587487
##	[639,]	-0.87693400	-0.426085	-1.5836393
##	[640,]	0.21598078	-0.426085	-0.6587487
##	[641,]	0.48920947	-0.426085	1.1910327
##	[642,]	-0.33047661	-0.426085	1.1910327
##	[643,]	1.03566686	-0.426085	1.1910327
##	[644,]	-0.60370530	-0.426085	-0.6587487
##	[645,]	1.03566686	-0.426085	-0.6587487
	[646,]	1.03566686	-0.426085	0.2661420
## ##	[647,]	-0.33047661	-0.426085	0.2661420
	[648,]	0.21598078	-0.426085	-1.5836393
##				
##	[649,]	-0.05724792	-0.426085 -0.426085	-0.6587487 0.2661420
##	[650,]	0.76243816		
##	[651,] [652,]	-0.60370530	-0.426085 2.345353	-0.6587487 -1.5836393
##	[653,]	1.85535294	-0.426085	1.1910327
##	-	-0.60370530		
##	[654,]	-1.15016269	-0.426085	1.1910327
## ##	[655,] [656,]	-1.15016269 -1.15016269	-0.426085 -0.426085	0.2661420 0.2661420
##	[657,]	2.40181032	2.345353	0.2661420
## ##	[658,] [659,]	-0.33047661	-0.426085 -0.426085	0.2661420
## ##	[660,]	-0.60370530 -0.33047661	-0.426085 -0.426085	1.1910327
## ##	[661,]	-0.33047661 -0.33047661	-0.426085 -0.426085	-0.6587487
##		-0.33047661	-0.426085	1.1910327
## ##	[662,]	1.58212424 -0.60370530	2.345353 -0.426085	0.2661420 1.1910327
	[663,] [664,]			
## ##		1.03566686	-0.426085 -0.426085	-1.5836393 -1.5836393
##	[665,]	0.48920947	-0.426085	-1.5836393

	F000 7			
##	[666,]	0.76243816	-0.426085	-1.5836393
##	[667,]	1.03566686	-0.426085	-1.5836393
##	[668,]	-0.60370530	-0.426085	0.2661420
##	[669,]	0.76243816	-0.426085	-0.6587487
##	[670,]	1.58212424	2.345353	1.1910327
##	[671,]	1.03566686	-0.426085	0.2661420
##	[672,]	-0.33047661	-0.426085	-0.6587487
##	[673,]	0.48920947	-0.426085	-1.5836393
##	[674,]	-1.15016269	-0.426085	-0.6587487
##	[675,]	-0.60370530	-0.426085	1.1910327
##	[676,]	-0.05724792	-0.426085	-0.6587487
##	[677,]	2.67503902	2.345353	1.1910327
##	[678,]	-1.15016269	-0.426085	0.2661420
##	[679,]	0.48920947	-0.426085	-1.5836393
##	[680,]	-0.60370530	-0.426085	1.1910327
##	[681,]	0.76243816	-0.426085	0.2661420
##	[682,]	-0.60370530	-0.426085	-0.6587487
##	[683,]	1.30889555	2.345353	0.2661420
##	[684,]	0.76243816	-0.426085	0.2661420
##	[685,]	-0.87693400	-0.426085	-0.6587487
##	[686,]	-0.87693400	-0.426085	-0.6587487
##	[687,]	-0.60370530	-0.426085	0.2661420
##	[688,]	1.58212424	2.345353	0.2661420
##	[689,]	-0.60370530	-0.426085	-0.6587487
##	[690,]	1.03566686	-0.426085	-0.6587487
##	[691,]	-1.15016269	-0.426085	0.2661420
##	[692,]	-0.33047661	-0.426085	1.1910327
##	[693,]	-0.87693400	-0.426085	0.2661420
##	[694,]	-1.15016269	-0.426085	-1.5836393
##	[695,]	-0.33047661	-0.426085	-1.5836393
##	[696,]	-1.15016269	-0.426085	0.2661420
##	[697,]	-0.87693400	-0.426085	-0.6587487
##	[698,]	-0.05724792	-0.426085	-0.6587487
##	[699,]	0.21598078	-0.426085	-0.6587487
##	[700,]	-0.05724792	-0.426085	-0.6587487
##	[701,]	2.40181032	2.345353	-1.5836393
##	[702,]	-0.60370530	-0.426085	0.2661420
##	[703,]	-1.15016269	-0.426085	-1.5836393
##	[704,]	-0.60370530	-0.426085	-0.6587487
##	[705,]	-0.60370530	-0.426085	-0.6587487
##	[706,]	0.76243816	-0.426085	1.1910327
##	[707,]	0.21598078	-0.426085	1.1910327
##	[708,]	1.03566686	-0.426085	0.2661420
##	[709,]	-0.60370530	-0.426085	1.1910327
##	[710,]	1.85535294	2.345353	-1.5836393
##	[711,]	-1.15016269	-0.426085	1.1910327
##	[712,]	1.30889555	2.345353	0.2661420
##	[713,]	0.76243816	-0.426085	-1.5836393
##	[714,]	-0.33047661	-0.426085	1.1910327
##	[715,]	1.85535294	2.345353	0.2661420
##	[716,]	-0.60370530	-0.426085	-1.5836393
##	[717,]	0.48920947	-0.426085	-0.6587487
##	[718,]	-0.33047661	-0.426085	-0.6587487
##	[719,]	-0.05724792	-0.426085	0.2661420

##	[720,]	0.48920947	-0.426085	0.2661420
##	[721,]	-1.15016269	-0.426085	-0.6587487
##	[722,]	0.76243816	-0.426085	1.1910327
##	[723,]	0.48920947	-0.426085	-0.6587487
##	[724,]	-0.60370530	-0.426085	-0.6587487
##	[725,]	-0.05724792	-0.426085	-0.6587487
##	[726,]	2.40181032	2.345353	1.1910327
##	[727,]	-0.87693400	-0.426085	0.2661420
##	[728,]	-0.05724792	-0.426085	1.1910327
##	[729,]	-1.15016269	-0.426085	0.2661420
##	[730,]	-1.15016269	-0.426085	0.2661420
##	[731,]	-0.87693400	-0.426085	0.2661420
##	[732,]	-0.05724792	-0.426085	-1.5836393
##	[733,]	0.48920947	-0.426085	-1.5836393
##	[734,]	-0.87693400	-0.426085	-0.6587487
##	[735,]	-0.05724792	-0.426085	-1.5836393
##	[736,]	-0.60370530	-0.426085	1.1910327
##	[737,]	-0.33047661	-0.426085	-0.6587487
##	[738,]	-0.33047661	-0.426085	-0.6587487
##	[739,]	0.21598078	-0.426085	0.2661420
##	[740,]	0.76243816	-0.426085	-0.6587487
##	[741,]	1.30889555	2.345353	-1.5836393
##	[742,]	-0.60370530	-0.426085	-0.6587487
##	[743,]	0.76243816	-0.426085	-0.6587487
##	[744,]	-0.60370530	-0.426085	-1.5836393
##	[745,]	-0.05724792	-0.426085	-1.5836393
##	[746,]	-0.33047661	-0.426085	1.1910327
##	[747,]	1.85535294	2.345353	-0.6587487
##	[748,]	-0.87693400	-0.426085	0.2661420
##	[749,]	0.76243816	-0.426085	1.1910327
##	[750,]	-0.05724792	-0.426085	1.1910327
##	[751,]	0.76243816	-0.426085	0.2661420
##	[752,]	-0.87693400	-0.426085	-1.5836393
##	[753,]	0.21598078	-0.426085	0.2661420
##	[754,]	-0.60370530	-0.426085	0.2661420
##	[755,]	1.03566686	-0.426085	1.1910327
##	[756,]	-0.60370530	-0.426085	-0.6587487
##	[757,]	-0.87693400	-0.426085	-0.6587487
##	[758,]	-1.15016269	-0.426085	1.1910327
##	[759,]	-0.33047661	-0.426085	0.2661420
##	[760,]	0.21598078	-0.426085	-1.5836393
##	[761,]	-0.87693400	-0.426085	-1.5836393
##	[762,]	-0.33047661	-0.426085	-0.6587487
##	[763,]	-0.33047661	-0.426085	-0.6587487
##	[764,]	1.03566686	-0.426085	1.1910327
##	[765,]	1.85535294	2.345353	-0.6587487
##	[766,]	0.21598078	-0.426085	-1.5836393
##	[767,]	-1.15016269	-0.426085	1.1910327
##	[768,]	-0.05724792	-0.426085	-1.5836393
##	[769,]	-0.33047661	-0.426085	-0.6587487
##	[770,]	-0.60370530	-0.426085	0.2661420
##	[771,]	0.48920947	-0.426085	1.1910327
##	[772,]	-1.15016269	-0.426085	-0.6587487
##	[773,]	1.03566686	-0.426085	-0.6587487
π <b>π</b>	[110,]	1.0000000	0.42000	0.0001401

##	[774,]	-1.15016269	-0.426085	-0.6587487
##	[775,]	-0.05724792	-0.426085	-0.6587487
##	[776,]	-0.60370530	-0.426085	0.2661420
##	[777,]	-0.33047661	-0.426085	-0.6587487
##	[778,]	-0.60370530	-0.426085	-1.5836393
##	[779,]	2.12858163	2.345353	-1.5836393
##	[780,]	-0.87693400	-0.426085	0.2661420
##	[781,]	-0.87693400	-0.426085	-1.5836393
##	[782,]	0.21598078	-0.426085	-1.5836393
##	[783,]	-0.05724792	-0.426085	0.2661420
##	[784,]	-0.60370530	-0.426085	0.2661420
##	[785,]	0.76243816	-0.426085	-1.5836393
##	[786,]	1.30889555	2.345353	1.1910327
##	[787,]	1.03566686	-0.426085	1.1910327
##	[788,]	0.76243816	-0.426085	-0.6587487
##	[789,]	-0.60370530	-0.426085	1.1910327
##	[790,]	-0.33047661	-0.426085	1.1910327
##	[791,]	-0.05724792	-0.426085	0.2661420
##	[792,]	1.85535294	2.345353	-1.5836393
##	[793,]	1.85535294	2.345353	-0.6587487
##	[794,]	0.21598078	-0.426085	1.1910327
##	[795,]	0.48920947	-0.426085	0.2661420
##	[796,]	-0.33047661	-0.426085	0.2661420
##	[797,]	-0.05724792	-0.426085	-0.6587487
##	[798,]	1.30889555	2.345353	0.2661420
##	[799,]	1.30889555	2.345353	-0.6587487
##	[800,]	0.48920947	-0.426085	1.1910327
##	[801,]	-0.05724792	-0.426085	-1.5836393
##	[802,]	-0.33047661	-0.426085	1.1910327
##	[803,]	0.48920947	-0.426085	0.2661420
##	[804,]	0.48920947	-0.426085	1.1910327
##	[805,]	1.85535294	2.345353	0.2661420
##	[806,]	-0.60370530	-0.426085	1.1910327
##	[807,]	1.03566686	-0.426085	1.1910327
##	[808,]	-0.33047661	-0.426085	-0.6587487
##	[809,]	1.85535294	2.345353	-1.5836393
##	[810,]	0.48920947	-0.426085	-0.6587487
##	[811,]	-0.87693400	-0.426085	1.1910327
##	[812,]	0.21598078	-0.426085	0.2661420
##	[813,]	-1.15016269	-0.426085	0.2661420
##	[814,]	-1.15016269	-0.426085	1.1910327
##	[815,]	-0.33047661	-0.426085	-1.5836393
##	[816,]	-1.15016269	-0.426085	0.2661420
##	[817,]	-0.05724792	-0.426085	0.2661420
##	[818,]	1.30889555	2.345353	-1.5836393
##	[819,]	-0.87693400	-0.426085	-1.5836393
##	[820,]	0.48920947	-0.426085	-1.5836393
##	[821,]	-1.15016269	-0.426085	1.1910327
##	[822,]	0.48920947	-0.426085	-0.6587487
##	[823,]	-1.15016269	-0.426085	1.1910327
##	[824,]	-0.33047661	-0.426085	1.1910327
##	[825,]	1.03566686	-0.426085	-1.5836393
##	[826,]	-0.05724792	-0.426085	0.2661420
##	[827,]	-0.60370530	-0.426085	1.1910327
	- ,-			

##	[828,]	-0.33047661	-0.426085	1.1910327
##	[829,]	-0.87693400	-0.426085	1.1910327
##	[830,]	0.48920947	-0.426085	-1.5836393
##	[831,]	-1.15016269	-0.426085	-1.5836393
##	[832,]	-0.87693400	-0.426085	0.2661420
##	[833,]	-0.60370530	-0.426085	0.2661420
##	[834,]	-0.60370530	-0.426085	0.2661420
##	[835,]	1.30889555	2.345353	-1.5836393
##	[836,]	0.48920947	-0.426085	-0.6587487
##	[837,]	-0.60370530	-0.426085	-1.5836393
##	[838,]	0.48920947	-0.426085	0.2661420
##	[839,]	-0.87693400	-0.426085	-0.6587487
##	[840,]	-0.60370530	-0.426085	1.1910327
##	[841,]	-0.87693400	-0.426085	-0.6587487
##	[842,]	1.85535294	2.345353	1.1910327
##	[843,]	-1.15016269	-0.426085	1.1910327
##	[844,]	1.85535294	2.345353	-0.6587487
##	[845,]	0.76243816	-0.426085	-1.5836393
##	[846,]	-0.60370530	-0.426085	1.1910327
##	[847,]	0.76243816	-0.426085	-0.6587487
##	[848,]	1.30889555	2.345353	0.2661420
##	[849,]	-0.60370530	-0.426085	-0.6587487
##	[850,]	-0.60370530	-0.426085	-0.6587487
##	[851,]	-0.87693400	-0.426085	0.2661420
##	[852,]	-0.60370530	-0.426085	1.1910327
##	[853,]	-0.60370530	-0.426085	-1.5836393
##	[854,]	2.67503902	2.345353	0.2661420
##	[855,]	1.03566686	-0.426085	0.2661420
##	[856,]	-0.60370530	-0.426085	-0.6587487
##	[857,]	-0.87693400	-0.426085	-1.5836393
##	[858,]	-1.15016269	-0.426085	0.2661420
##	[859,]	0.76243816	-0.426085	-0.6587487
##	[860,]	0.76243816	-0.426085	-1.5836393
##	[861,]	-1.15016269	-0.426085	-0.6587487
##	[862,]	2.12858163	2.345353	-1.5836393
##	[863,]	-0.60370530	-0.426085	1.1910327
##	[864,]	-0.60370530	-0.426085	1.1910327
##	[865,]	0.48920947	-0.426085	-1.5836393
##	[866,]	1.03566686	-0.426085	0.2661420
##	[867,]	-0.87693400	-0.426085	1.1910327
##	[868,]	1.85535294	2.345353	0.2661420
##	[869,]	-0.87693400	-0.426085	0.2661420
##	[870,]	-1.15016269	-0.426085	-1.5836393
##	[871,]	-0.05724792	-0.426085	1.1910327
##	[872,]	-0.60370530	-0.426085	-1.5836393
##	[873,]	-0.87693400	-0.426085	-1.5836393
##	[874,]	-0.33047661	-0.426085	0.2661420
##	[875,]	-0.60370530	-0.426085	-1.5836393
##	[876,]	2.67503902	2.345353	-0.6587487
##	[877,]	0.48920947	-0.426085	1.1910327
##	[878,]	-1.15016269	-0.426085	0.2661420
##	[879,]	0.21598078	-0.426085	-1.5836393
##	[880,]	0.76243816	-0.426085	-0.6587487
##	[881,]	1.30889555	2.345353	0.2661420

шш	[ 000]	0.22047664	0 400005	1 1010207
##	[882,]	-0.33047661	-0.426085	1.1910327
##	[883,]	1.58212424	2.345353	0.2661420
##	[884,]	-0.60370530	-0.426085	-0.6587487
##	[885,]	-0.87693400	-0.426085	-0.6587487
##	[886,]	-0.33047661	-0.426085	-0.6587487
##	[887,]	1.58212424	2.345353	-1.5836393
##	[888,]	0.48920947	-0.426085	0.2661420
##	[889,]	-1.15016269	-0.426085	-0.6587487
##	[890,]	-0.33047661	-0.426085	1.1910327
##	[891,]	0.48920947	-0.426085	-1.5836393
##	[892,]	-0.60370530	-0.426085	1.1910327
##	[893,]	2.67503902	2.345353	-0.6587487
##	[894,]	-0.05724792	-0.426085	-1.5836393
##	[895,]	-0.33047661	-0.426085	-1.5836393
##	[896,]	-0.87693400	-0.426085	1.1910327
##	[897,]	1.03566686	-0.426085	-0.6587487
##	[898,]	0.48920947	-0.426085	1.1910327
##	[899,]	-0.33047661	-0.426085	-0.6587487
##	[900,]	-0.60370530	-0.426085	0.2661420
##	[901,]	-0.87693400	-0.426085	0.2661420
##	[902,]	-1.15016269	-0.426085	0.2661420
##	[903,]	-1.15016269	-0.426085	-0.6587487
##	[904,]	-1.15016269	-0.426085	-0.6587487
##	[905,]	-0.87693400	-0.426085	0.2661420
##	[906,]	-0.33047661	-0.426085	-0.6587487
##	[907,]	0.48920947	-0.426085	1.1910327
##	[908,]	-1.15016269	-0.426085	0.2661420
##	[909,]	-0.33047661	-0.426085	1.1910327
##	[910,]	-0.87693400	-0.426085	1.1910327
##	[911,]	1.85535294	2.345353	1.1910327
##	[912,]	-0.33047661	-0.426085	1.1910327
##	[913,]	1.30889555	2.345353	-0.6587487
##	[914,]	0.21598078	-0.426085	-1.5836393
##	[915,]	-0.05724792	-0.426085	1.1910327
##	[916,]	1.30889555	2.345353	0.2661420
##	[917,]	-0.33047661	-0.426085	0.2661420
##	[918,]	-0.87693400	-0.426085	1.1910327
##	[919,]	2.40181032	2.345353	-1.5836393
##	[920,]	-0.87693400	-0.426085	1.1910327
##	[921,]	-0.60370530	-0.426085	0.2661420
##	[922,]	-1.15016269	-0.426085	0.2661420
##	[923,]	-0.33047661	-0.426085	1.1910327
##	[924,]	-1.15016269	-0.426085	1.1910327
##	[925,]	-0.33047661	-0.426085	1.1910327
##	[926,]	0.21598078	-0.426085	1.1910327
##	[927,]	-0.33047661	-0.426085	1.1910327
##	[928,]	-1.15016269	-0.426085	1.1910327
##	[929,]	-1.15016269	-0.426085	1.1910327
##	[930,]	-0.87693400	-0.426085	-0.6587487
##	[931,]	-0.33047661	-0.426085	-0.6587487
##	[932,]	0.76243816	-0.426085	0.2661420
##	[933,]	-0.60370530	-0.426085	-1.5836393
##	[934,]	-1.15016269	-0.426085	-0.6587487
##	[935,]	0.76243816	-0.426085	1.1910327

##	[936,]	-0.05724792	-0.426085	0.2661420
##	[937,]	1.85535294	2.345353	0.2661420
##	[938,]	-0.60370530	-0.426085	1.1910327
##	[939,]	-0.87693400	-0.426085	1.1910327
##	[940,]	0.76243816	-0.426085	-1.5836393
##	[941,]	-0.60370530	-0.426085	-1.5836393
##	[942,]	-0.87693400	-0.426085	-1.5836393
##	[943,]	-0.87693400	-0.426085	-1.5836393
##	[944,]	-0.87693400	-0.426085	0.2661420
##	[945,]	-1.15016269	-0.426085	-1.5836393
##	[946,]	-1.15016269	-0.426085	-0.6587487
##	[947,]	-0.87693400	-0.426085	0.2661420
##	[948,]	1.03566686	-0.426085	0.2661420
##	[949,]	2.12858163	2.345353	1.1910327
##	[950,]	-1.15016269	-0.426085	-1.5836393
##	[951,]	1.03566686	-0.426085	-1.5836393
##	[952,]	-0.60370530	-0.426085	-1.5836393
##	[953,]	-1.15016269	-0.426085	-1.5836393
##	[954,]	-0.87693400	-0.426085	0.2661420
##	[955,]	-0.60370530	-0.426085	1.1910327
##	[956,]	-0.33047661	-0.426085	1.1910327
##	[957,]	-0.33047661	-0.426085	-1.5836393
##	[958,]	0.21598078	-0.426085	-0.6587487
##	[959,]	-1.15016269	-0.426085	1.1910327
##	[960,]	-0.60370530	-0.426085	0.2661420
##	[961,]	0.48920947	-0.426085	1.1910327
##	[962,]	-1.15016269	-0.426085	-0.6587487
##	[963,]	-1.15016269	-0.426085	-0.6587487
##	[964,]	-0.05724792	-0.426085	1.1910327
##	[965,]	-0.87693400	-0.426085	1.1910327
##	[966,]	-1.15016269	-0.426085	0.2661420
##	[967,]	-0.33047661	-0.426085	1.1910327
##	[968,]	1.85535294	2.345353	0.2661420
##	[969,]	0.21598078	-0.426085	1.1910327
##	[970,]	-1.15016269	-0.426085 -0.426085	0.2661420
##	[971,]	-0.33047661 0.21598078	-0.426085 -0.426085	-0.6587487 -0.6587487
##	[972,]			
## ##	[973,] [974,]	-0.05724792 -0.87693400	-0.426085 -0.426085	0.2661420 -0.6587487
##	[975,]	1.30889555	2.345353	-0.6587487
##	[976,]	0.48920947	-0.426085	0.2661420
##	[977,]	-0.87693400	-0.426085	-1.5836393
##	[978,]	1.30889555	2.345353	0.2661420
##	[979,]	1.30889555	2.345353	-0.6587487
##	[980,]	-0.60370530	-0.426085	-1.5836393
##	[981,]	-0.33047661	-0.426085	0.2661420
##	[982,]	0.76243816	-0.426085	0.2661420
##	[983,]	-1.15016269	-0.426085	1.1910327
##	[984,]	-1.15016269	-0.426085	1.1910327
##	[985,]	-1.15016269	-0.426085	0.2661420
##	[986,]	-0.05724792	-0.426085	1.1910327
##	[987,]	-0.87693400	-0.426085	1.1910327
##	[988,]	-1.15016269	-0.426085	-0.6587487
##	[989,]	-0.33047661	-0.426085	-1.5836393

##	[990,]	-0.05724792	-0.426085	1.1910327
##	[991,]	-0.60370530	-0.426085	-1.5836393
##	[992,]	-0.60370530	-0.426085	-1.5836393
##	[993,]	1.58212424	2.345353	-0.6587487
##	[994,]	-1.15016269	-0.426085	-0.6587487
##	[995,]	-1.15016269	-0.426085	-0.6587487
##	[996,]	-0.33047661	-0.426085	-1.5836393
##	[997,]	-1.15016269	-0.426085	1.1910327
##	[998,]	-0.60370530	-0.426085	1.1910327
##	[999,]	-0.87693400	-0.426085	1.1910327
##	[1000,]	-0.33047661	-0.426085	0.2661420
##	[1001,]	-0.60370530	-0.426085	0.2661420
##	[1002,]	0.76243816	-0.426085	-1.5836393
##	[1003,]	-1.15016269	-0.426085	0.2661420
##	[1004,]	-1.15016269	-0.426085	-0.6587487
##	[1005,]	-0.87693400	-0.426085	1.1910327
##	[1006,]	-0.60370530	-0.426085	-1.5836393
##	[1007,]	1.30889555	2.345353	-1.5836393
##	[1008,]	-0.87693400	-0.426085	-1.5836393
##	[1009,]	1.03566686	-0.426085	1.1910327
##	[1010,]	1.58212424	2.345353	0.2661420
##	[1011,]	-0.60370530	-0.426085	1.1910327
##	[1012,]	0.21598078	-0.426085	1.1910327
##	[1013,]	-0.87693400	-0.426085	-0.6587487
##	[1014,]	-0.33047661	-0.426085	-0.6587487
##	[1015,]	-1.15016269	-0.426085	0.2661420
##	[1016,]	-0.33047661	-0.426085	0.2661420
##	[1017,]	-0.87693400	-0.426085	0.2661420
##	[1018,]	-0.33047661	-0.426085	-0.6587487
##	[1019,]	0.21598078	-0.426085	0.2661420
##	[1020,]	-0.60370530	-0.426085	-1.5836393
##	[1021,]	-0.87693400	-0.426085	0.2661420
##	[1022,]	-0.87693400	-0.426085	-1.5836393
##	[1023,]	-0.33047661	-0.426085	-1.5836393
##	[1024,]	1.85535294	2.345353	1.1910327
##	[1025,]	1.03566686	-0.426085	-0.6587487
	[1026,]	-0.87693400	-0.426085	0.2661420
##	[1027,]	-0.87693400	-0.426085 -0.426085	0.2661420 -1.5836393
## ##	[1028,] [1029,]	0.48920947 -0.87693400	-0.426085	-1.5836393
##	[1029,]	-1.15016269	-0.426085	0.2661420
##	[1030,]	0.76243816	-0.426085	-1.5836393
##	[1031,]	-1.15016269	-0.426085	-1.5836393
##	[1032,]	2.12858163	2.345353	-0.6587487
##	[1034,]	-1.15016269	-0.426085	-1.5836393
##	[1035,]	0.76243816	-0.426085	-0.6587487
##	[1036,]	0.76243816	-0.426085	1.1910327
##	[1037,]	-0.60370530	-0.426085	0.2661420
##	[1038,]	0.76243816	-0.426085	1.1910327
##	[1039,]	-1.15016269	-0.426085	-1.5836393
##	[1040,]	-0.05724792	-0.426085	1.1910327
##	[1041,]	-1.15016269	-0.426085	0.2661420
##	[1042,]	0.76243816	-0.426085	1.1910327
##	[1043,]	-0.33047661	-0.426085	1.1910327

##	[1044,]	-0.87693400	-0.426085	-0.6587487
##	[1045,]	-0.33047661	-0.426085	-0.6587487
##	[1046,]	-0.33047661	-0.426085	0.2661420
##	[1047,]	-0.60370530	-0.426085	0.2661420
##	[1048,]	-0.33047661	-0.426085	-1.5836393
##	[1049,]	0.76243816	-0.426085	1.1910327
##	[1050,]	-0.05724792	-0.426085	0.2661420
##	[1051,]	-0.60370530	-0.426085	0.2661420
##	[1052,]	-0.87693400	-0.426085	0.2661420
##	[1053,]	-0.60370530	-0.426085	-0.6587487
##	[1054,]	2.40181032	2.345353	-1.5836393
##	[1055,]	-0.33047661	-0.426085	-0.6587487
##	[1056,]	-0.33047661	-0.426085	1.1910327
##	[1057,]	-0.05724792	-0.426085	1.1910327
##	[1058,]	-1.15016269	-0.426085	-1.5836393
##	[1059,]	2.12858163	2.345353	0.2661420
	•			
##	[1060,]	-0.60370530	-0.426085	-1.5836393
##	[1061,]	-1.15016269	-0.426085	0.2661420
##	[1062,]	-0.60370530	-0.426085	0.2661420
##	[1063,]	0.76243816	-0.426085	-0.6587487
##	[1064,]	-0.33047661	-0.426085	0.2661420
##	[1065,]	1.58212424	2.345353	-1.5836393
##	[1066,]	0.21598078	-0.426085	-0.6587487
##	[1067,]	-1.15016269	-0.426085	1.1910327
##	[1068,]	0.48920947	-0.426085	0.2661420
##	[1069,]	-1.15016269	-0.426085	0.2661420
##	[1070,]	-0.33047661	-0.426085	1.1910327
##	[1071,]	-0.33047661	-0.426085	1.1910327
##	[1072,]	2.67503902	2.345353	-1.5836393
##	[1073,]	-0.60370530	-0.426085	0.2661420
##	[1074,]	-0.33047661	-0.426085	-0.6587487
##	[1075,]	0.48920947	-0.426085	-1.5836393
##	[1076,]	2.67503902	2.345353	-0.6587487
##	[1077,]	1.30889555	2.345353	-1.5836393
##	[1078,]	-0.60370530	-0.426085	0.2661420
##	[1079,]	-0.60370530	-0.426085	0.2661420
##	[1080,]	0.76243816	-0.426085	1.1910327
##	[1081,]	-0.87693400	-0.426085	1.1910327
##	[1082,]	1.03566686	-0.426085	1.1910327
##	[1083,]	-0.33047661	-0.426085	-0.6587487
##	[1084,]	-0.33047661	-0.426085	-0.6587487
##	[1085,]	-0.33047661	-0.426085	1.1910327
##	[1086,]	-0.87693400	-0.426085	-1.5836393
##	[1087,]	-0.60370530	-0.426085	1.1910327
##	[1088,]	2.67503902	2.345353	-0.6587487
##	[1089,]	-0.33047661	-0.426085	-0.6587487
##	[1090,]	0.48920947	-0.426085	-1.5836393
##	[1091,]	-0.60370530	-0.426085	0.2661420
##	[1092,]	-0.60370530	-0.426085	1.1910327
##	[1093,]	1.30889555	2.345353	1.1910327
##	[1094,]	-0.33047661	-0.426085	0.2661420
##	[1095,]	-0.87693400	-0.426085	1.1910327
##	[1096,]	-0.87693400	-0.426085	-0.6587487
##	[1097,]	1.58212424	2.345353	1.1910327

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	[1098,]	-0.33047661	-0.426085	-0.6587487
##	[1099,]	0.76243816	-0.426085	0.2661420
##	[1100,]	-0.87693400	-0.426085	-1.5836393
##	[1101,]	2.12858163	2.345353	-1.5836393
##	[1102,]	-0.87693400	-0.426085	-1.5836393
##	[1103,]	1.58212424	2.345353	1.1910327
##	[1104,]	-0.33047661	-0.426085	0.2661420
##	[1105,]	0.76243816	-0.426085	-1.5836393
##	[1106,]	-0.60370530	-0.426085	1.1910327
##	[1107,]	-1.15016269	-0.426085	1.1910327
##	[1108,]	-1.15016269	-0.426085	0.2661420
##	[1109,]	1.03566686	-0.426085	-0.6587487
##	[1110,]	-0.87693400	-0.426085	-0.6587487
##	[1111,]	-0.87693400	-0.426085	1.1910327
##	[1112,]	0.21598078	-0.426085	-0.6587487
##	[1113,]	-1.15016269	-0.426085	-1.5836393
##	[1114,]	-0.33047661	-0.426085	-0.6587487
##	[1115,]	-0.87693400	-0.426085	1.1910327
##	[1116,]	-0.60370530	-0.426085	0.2661420
##	[1117,]	1.58212424	2.345353	0.2661420
##	[1118,]	0.48920947	-0.426085	-0.6587487
##	[1119,]	1.58212424	2.345353	-1.5836393
##	[1120,]	-1.15016269	-0.426085	1.1910327
##	[1121,]	-0.87693400	-0.426085	-0.6587487
##	[1122,]	-0.60370530	-0.426085	-1.5836393
##	[1123,]	0.76243816	-0.426085	1.1910327
##	[1124,]	0.21598078	-0.426085	0.2661420
##	[1125,]	-1.15016269	-0.426085	-1.5836393
##	[1126,]	1.03566686	-0.426085	1.1910327
##	[1127,]	0.21598078	-0.426085	0.2661420
##	[1128,]	0.21598078	-0.426085	1.1910327
##	[1129,]	-0.60370530	-0.426085	1.1910327
##	[1130,]	1.85535294	2.345353	1.1910327
##	[1131,]	0.48920947	-0.426085	1.1910327
##	[1132,]	-0.33047661	-0.426085	-0.6587487
##	[1133,]	-0.05724792	-0.426085	0.2661420
##	[1134,]	-0.87693400	-0.426085	0.2661420
##	[1135,]	0.76243816	-0.426085	1.1910327
##	[1136,]	-0.05724792	-0.426085	-0.6587487
##	[1137,]	0.48920947	-0.426085	0.2661420
	[1138,]	-0.33047661	-0.426085	-0.6587487
##	[1139,]	-0.05724792	-0.426085	0.2661420
##	[1140,]	0.48920947	-0.426085	1.1910327
##	[1140,]		-0.426085 -0.426085	1.1910327
##	•	-0.33047661		
##	[1142,]	-0.87693400	-0.426085	-0.6587487
##	[1143,]	-0.33047661	-0.426085	-1.5836393
##	[1144,]	-0.05724792	-0.426085	-1.5836393
##	[1145,]	-0.60370530	-0.426085	1.1910327
##	[1146,]	-0.87693400	-0.426085	-0.6587487
##	[1147,]	-0.60370530	-0.426085	-1.5836393
##	[1148,]	-0.33047661	-0.426085	1.1910327
##	[1149,]	-0.60370530	-0.426085	1.1910327
##	[1150,]	-1.15016269	-0.426085	-1.5836393
##	[1151,]	-1.15016269	-0.426085	1.1910327

	F4.4=0 ]	. =00.40.40.4	0.045050	0.0505405
	[1152,]	1.58212424	2.345353	-0.6587487
##	[1153,]	0.76243816	-0.426085	0.2661420
##	[1154,]	-0.87693400	-0.426085	0.2661420
##	[1155,]	-1.15016269	-0.426085	0.2661420
##	[1156,]	-0.05724792	-0.426085	1.1910327
##	[1157,]	-0.60370530	-0.426085	1.1910327
##	[1158,]	-0.87693400	-0.426085	1.1910327
##	[1159,]	0.48920947	-0.426085	-1.5836393
##	[1160,]	-0.60370530	-0.426085	1.1910327
##	[1161,]	1.03566686	-0.426085	-1.5836393
##	[1162,]	1.03566686	-0.426085	1.1910327
##	[1163,]	0.48920947	-0.426085	0.2661420
##	[1164,]	-1.15016269	-0.426085	-1.5836393
##	[1165,]	-0.05724792	-0.426085	1.1910327
##	[1166,]	-1.15016269	-0.426085	0.2661420
##	[1167,]	2.67503902	2.345353	-0.6587487
##	[1168,]	-0.33047661	-0.426085	1.1910327
##	[1169,]	-0.60370530	-0.426085	0.2661420
##	[1170,]	0.48920947	-0.426085	-1.5836393
##	[1171,]	-0.60370530	-0.426085	0.2661420
##	[1172,]	-0.33047661	-0.426085	-0.6587487
##	[1173,]	-1.15016269	-0.426085	0.2661420
##	[1174,]	-0.87693400	-0.426085	0.2661420
##	[1175,]	0.48920947	-0.426085	0.2661420
##	[1176,]	1.58212424	2.345353	0.2661420
##	[1177,]	0.21598078	-0.426085	-0.6587487
##	[1178,]	-0.05724792	-0.426085	0.2661420
##	[1179,]	1.03566686	-0.426085	-1.5836393
##	[1180,]	-0.87693400	-0.426085	0.2661420
##	[1181,]	-1.15016269	-0.426085	0.2661420
##	[1182,]	1.03566686	-0.426085	-0.6587487
##	[1183,]	-0.05724792	-0.426085	0.2661420
##	[1184,]	1.30889555	2.345353	-1.5836393
##	[1185,]	2.67503902	2.345353	0.2661420
##	[1186,]	2.40181032	2.345353	-1.5836393
##	[1187,]	2.40181032	2.345353	-1.5836393
##	[1188,]	-0.05724792	-0.426085	1.1910327
##	[1189,]	-0.60370530	-0.426085	-0.6587487
##	[1190,]	-0.33047661	-0.426085	0.2661420
##	[1190,]	-0.60370530	-0.426085	0.2661420
	[1191,]	-1.15016269	-0.426085	-1.5836393
##	[1192,]	0.21598078	-0.426085	-0.6587487
##		1.85535294	2.345353	-0.6587487
##	[1194,]		-0.426085	
##	[1195,]	-0.33047661		0.2661420
##	[1196,]	-0.33047661	-0.426085	-1.5836393
##	[1197,]	0.21598078	-0.426085	1.1910327
##	[1198,]	-1.15016269	-0.426085	-1.5836393
##	[1199,]	2.67503902	2.345353	0.2661420
##	[1200,]	-0.33047661	-0.426085	-0.6587487
##	[1201,]	0.76243816	-0.426085	-1.5836393
##	[1202,]	-1.15016269	-0.426085	-1.5836393
##	[1203,]	1.03566686	-0.426085	1.1910327
##	[1204,]	-0.05724792	-0.426085	0.2661420
##	[1205,]	-1.15016269	-0.426085	0.2661420

шш	[1006]	0.07602400	0.406085	1 5026202
	[1206,]	-0.87693400	-0.426085	-1.5836393
##	[1207,]	1.30889555	2.345353	0.2661420
##	[1208,]	-0.87693400	-0.426085	1.1910327
##	[1209,]	-0.33047661	-0.426085	0.2661420
##	[1210,]	1.30889555	2.345353	0.2661420
##	[1211,]	0.76243816	-0.426085	1.1910327
##	[1212,]	-0.33047661	-0.426085	0.2661420
##	[1213,]	-0.87693400	-0.426085	-0.6587487
##	[1214,]	1.58212424	2.345353	-0.6587487
##	[1215,]	1.03566686	-0.426085	-0.6587487
##	[1216,]	-0.33047661	-0.426085	0.2661420
##	[1217,]	0.48920947	-0.426085	-1.5836393
##	[1218,]	0.21598078	-0.426085	1.1910327
##	[1219,]	-0.87693400	-0.426085	-0.6587487
##	[1220,]	0.48920947	-0.426085	0.2661420
##	[1221,]	-0.05724792	-0.426085	0.2661420
##	[1222,]	2.12858163	2.345353	1.1910327
##	[1223,]	-1.15016269	-0.426085	0.2661420
##	[1224,]	-1.15016269	-0.426085	0.2661420
##	[1225,]	-0.05724792	-0.426085	0.2661420
##	[1226,]	-1.15016269	-0.426085	0.2661420
##	[1227,]	-0.60370530	-0.426085	-1.5836393
##	[1228,]	-0.33047661	-0.426085	1.1910327
##	[1229,]	1.03566686	-0.426085	-0.6587487
##	[1230,]	0.21598078	-0.426085	-0.6587487
##	[1231,]	-0.60370530	-0.426085	-0.6587487
##	[1232,]	-0.33047661	-0.426085	1.1910327
##	[1233,]	0.21598078	-0.426085	-0.6587487
##	[1234,]	-0.87693400	-0.426085	-0.6587487
##	[1235,]	-1.15016269	-0.426085	1.1910327
##	[1236,]	-0.87693400	-0.426085	-0.6587487
##	[1237,]	-0.60370530	-0.426085	-0.6587487
##	[1238,]	-0.05724792	-0.426085	-0.6587487
##	[1239,]	-0.60370530	-0.426085	0.2661420
##	[1240,]	1.30889555	2.345353	1.1910327
##	[1241,]	-0.05724792	-0.426085	1.1910327
##	[1242,]	-0.60370530	-0.426085	0.2661420
##	[1243,]	-0.33047661	-0.426085	-0.6587487
##	[1244,]	1.58212424	2.345353	0.2661420
##	[1245,]	0.21598078	-0.426085	1.1910327
##	[1246,]	-0.33047661	-0.426085	1.1910327
##	[1247,]	-1.15016269	-0.426085	0.2661420
##	[1248,]	1.03566686	-0.426085	0.2661420
##	[1249,]	-1.15016269	-0.426085	0.2661420
##	[1250,]	-0.60370530	-0.426085	0.2661420
##	[1251,]	-0.87693400	-0.426085	1.1910327
##	[1252,]	-1.15016269	-0.426085	-1.5836393
##	[1253,]	-0.33047661	-0.426085	-1.5836393
##	[1254,]	-0.05724792	-0.426085	1.1910327
##	[1255,]	-0.87693400	-0.426085	0.2661420
##	[1256,]	1.30889555	2.345353	0.2661420
##	[1257,]	-0.33047661	-0.426085	-0.6587487
##	[1258,]	-0.60370530	-0.426085	-1.5836393
##	[1259,]	-0.60370530	-0.426085	0.2661420
1111	L1200,]	0.00010000	0.420000	0.2001420

##	[1260,]	0.21598078	-0.426085	0.2661420
##	[1261,]	-0.33047661	-0.426085	-0.6587487
##	[1262,]	0.21598078	-0.426085	0.2661420
##	[1263,]	0.21598078	-0.426085	1.1910327
##	[1264,]	1.85535294	2.345353	-0.6587487
##	[1265,]	-0.87693400	-0.426085	-0.6587487
##	[1266,]	-0.05724792	-0.426085	1.1910327
##	[1267,]	1.30889555	2.345353	-0.6587487
##	[1268,]	-0.33047661	-0.426085	0.2661420
##	[1269,]	1.30889555	2.345353	1.1910327
##	[1270,]	-0.60370530	-0.426085	-0.6587487
##	[1271,]	-0.87693400	-0.426085	-1.5836393
##	[1272,]	-0.60370530	-0.426085	-0.6587487
##	[1273,]	-1.15016269	-0.426085	-0.6587487
##	[1274,]	0.48920947	-0.426085	0.2661420
##	[1275,]	-0.33047661	-0.426085	-1.5836393
##	[1276,]	-1.15016269	-0.426085	1.1910327
##	[1277,]	-0.33047661	-0.426085	-1.5836393
##	[1278,]	0.48920947	-0.426085	0.2661420
##	[1279,]	-0.60370530	-0.426085	1.1910327
##	[1280,]	-0.87693400	-0.426085	0.2661420
##	[1281,]	-0.60370530	-0.426085	0.2661420
##	[1282,]	0.76243816	-0.426085	1.1910327
##	[1283,]	1.03566686	-0.426085	-0.6587487
##	[1284,]	-1.15016269	-0.426085	0.2661420
##	[1285,]	1.58212424	2.345353	0.2661420
##	[1286,]	-0.05724792	-0.426085	0.2661420
##	[1287,]	0.48920947	-0.426085	1.1910327
##	[1288,]	0.76243816	-0.426085	0.2661420
##	[1289,]	-0.33047661	-0.426085	0.2661420
##	[1290,]	-0.60370530	-0.426085	1.1910327
##	[1291,]	0.48920947	-0.426085	0.2661420
##	[1292,]	-0.05724792	-0.426085	-0.6587487
##	[1293,]	0.76243816	-0.426085	1.1910327
##	[1294,]	-0.60370530	-0.426085	0.2661420
##	[1295,]	-0.87693400	-0.426085	-1.5836393
##	[1296,]	-0.60370530	-0.426085	1.1910327
##	[1297,]	-0.33047661	-0.426085	-0.6587487
##	[1298,]	-1.15016269	-0.426085	0.2661420
##	[1299,]	1.85535294	2.345353	1.1910327
##	[1300,]	0.48920947	-0.426085	1.1910327
##	[1301,]	1.58212424	2.345353	0.2661420
##	[1302,]	1.85535294	2.345353	1.1910327
##	[1303,]	0.21598078	-0.426085	-0.6587487
##	[1304,]	-0.87693400	-0.426085	0.2661420
##	[1305,]	-0.87693400	-0.426085	-0.6587487
##	[1306,]	-0.05724792	-0.426085	-0.6587487
##	[1307,]	-0.33047661	-0.426085	1.1910327
##	[1308,]	2.67503902	2.345353	0.2661420
##	[1309,]	1.30889555	2.345353	-1.5836393
##	[1310,]	-0.60370530	-0.426085	-1.5836393
##	[1311,]	-0.33047661	-0.426085	-0.6587487
##	[1312,]	0.21598078	-0.426085	0.2661420
##	[1313,]	0.48920947	-0.426085	0.2661420

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	[1314,]	-0.05724792	-0.426085	1.1910327
##	[1315,]	1.85535294	2.345353	-0.6587487
##	[1316,]	1.85535294	2.345353	1.1910327
##	[1317,]	1.30889555	2.345353	0.2661420
##	[1318,]	-0.33047661	-0.426085	0.2661420
##	[1319,]	-0.60370530	-0.426085	-0.6587487
##	[1320,]	-0.60370530	-0.426085	0.2661420
##	[1321,]	1.85535294	2.345353	-0.6587487
##	[1322,]	-0.87693400	-0.426085	0.2661420
##	[1323,]	-0.33047661	-0.426085	0.2661420
##	[1324,]	-0.05724792	-0.426085	-0.6587487
##	[1325,]	0.48920947	-0.426085	1.1910327
##	[1326,]	-0.60370530	-0.426085	1.1910327
##	[1327,]	-0.87693400	-0.426085	0.2661420
##	[1328,]	-0.87693400	-0.426085	1.1910327
##	[1329,]	1.58212424	2.345353	1.1910327
##	[1330,]	-1.15016269	-0.426085	1.1910327
##	[1331,]	-0.60370530	-0.426085	1.1910327
##	[1332,]	-0.87693400	-0.426085	1.1910327
##	[1333,]	2.40181032	2.345353	-0.6587487
##	[1334,]	1.58212424	2.345353	0.2661420
##	[1335,]	1.03566686	-0.426085	1.1910327
##	[1336,]	-0.33047661	-0.426085	-0.6587487
##	[1337,]	1.30889555	2.345353	-0.6587487
##	[1338,]	1.03566686	-0.426085	1.1910327
##	[1339,]	-0.60370530	-0.426085	0.2661420
##	[1340,]	2.12858163	2.345353	-1.5836393
##	[1341,]	-0.60370530	-0.426085	-1.5836393
##	[1342,]	-1.15016269	-0.426085	-1.5836393
##	[1343,]	-0.60370530	-0.426085	1.1910327
##	[1344,]	-0.33047661	-0.426085	-0.6587487
##	[1345,]	1.85535294	2.345353	0.2661420
##	[1346,]	-1.15016269	-0.426085	1.1910327
##	[1347,]	-0.60370530	-0.426085	1.1910327
##	[1348,]	1.58212424	2.345353	1.1910327
##	[1349,]	-1.15016269	-0.426085	-1.5836393
##	[1350,]	-0.60370530	-0.426085	0.2661420
##	[1351,]	-0.33047661	-0.426085	-0.6587487
##	[1352,]	-1.15016269	-0.426085	-0.6587487
##	[1353,]	-0.05724792	-0.426085	1.1910327
##	[1354,]	2.12858163	2.345353	-0.6587487
	[1355,]	0.21598078	-0.426085	1.1910327
##	[1356,]	0.21598078	-0.426085	0.2661420
##	[1357,]	1.58212424	2.345353	0.2661420
##	[1357,]	-0.60370530		
##			-0.426085	-0.6587487
##	[1359,]	-1.15016269	-0.426085	1.1910327
##	[1360,]	-0.87693400	-0.426085	0.2661420 -0.6587487
##	[1361,]	-0.87693400	-0.426085	
##	[1362,]	0.76243816	-0.426085	-1.5836393
##	[1363,]	-0.87693400	-0.426085	0.2661420
##	[1364,]	-0.33047661	-0.426085	-0.6587487
##	[1365,]	-0.87693400	-0.426085	0.2661420
##	[1366,]	0.48920947	-0.426085	1.1910327
##	[1367,]	1.03566686	-0.426085	0.2661420

##	[1368,]	-1.15016269	-0.426085	0.2661420
##	[1369,]	-0.05724792	-0.426085	-0.6587487
##	[1370,]	-1.15016269	-0.426085	1.1910327
##	[1371,]	0.76243816	-0.426085	0.2661420
##	[1372,]	0.21598078	-0.426085	0.2661420
##	[1373,]	2.67503902	2.345353	1.1910327
##	[1374,]	0.21598078	-0.426085	0.2661420
##	[1375,]	-0.60370530	-0.426085	0.2661420
##	[1376,]	-0.33047661	-0.426085	-1.5836393
##	[1377,]	1.03566686	-0.426085	1.1910327
##	[1378,]	-0.05724792	-0.426085	1.1910327
##	[1379,]	-0.87693400	-0.426085	0.2661420
##	[1380,]	-0.87693400	-0.426085	-1.5836393
##	[1381,]	0.21598078	-0.426085	1.1910327
##	[1382,]	-0.33047661	-0.426085	0.2661420
##	[1383,]	-0.60370530	-0.426085	1.1910327
##	[1384,]	1.85535294	2.345353	-0.6587487
##	[1385,]	1.58212424	2.345353	-1.5836393
##	[1386,]	0.76243816	-0.426085	0.2661420
##	[1387,]	-0.60370530	-0.426085	1.1910327
##	[1388,]	-0.87693400	-0.426085	-1.5836393
##	[1389,]	0.76243816	-0.426085	-0.6587487
##	[1390,]	1.58212424	2.345353	-0.6587487
##	[1391,]	-0.87693400	-0.426085	-1.5836393
##	[1392,]	-0.33047661	-0.426085	-1.5836393
##	[1393,]	-1.15016269	-0.426085	1.1910327
##	[1394,]	-0.33047661	-0.426085	-1.5836393
##	[1395,]	2.40181032	2.345353	-0.6587487
##	[1396,]	-1.15016269	-0.426085	0.2661420
##	[1397,]	-0.60370530	-0.426085	-0.6587487
##	[1398,]	-1.15016269	-0.426085	0.2661420
##	[1399,]	1.30889555	2.345353	0.2661420
##	[1400,]	0.48920947	-0.426085	-0.6587487
##	[1401,]	-1.15016269	-0.426085	-0.6587487
##	[1402,]	0.76243816	-0.426085	-1.5836393
##	[1403,]	-1.15016269	-0.426085	0.2661420
##	[1404,]	-0.87693400	-0.426085	-1.5836393
##	[1405,]	-0.87693400	-0.426085	1.1910327
##	[1406,]	1.30889555	2.345353	0.2661420
##	[1407,]	1.03566686	-0.426085	1.1910327
##	[1408,]	-0.87693400	-0.426085	-0.6587487
##	[1409,]	-0.60370530	-0.426085	0.2661420
##	[1410,]	-1.15016269	-0.426085	-1.5836393
##	[1411,]	-0.33047661	-0.426085	0.2661420
##	[1412,]	-0.33047661	-0.426085	0.2661420
##	[1413,]	-0.60370530	-0.426085	0.2661420
##	[1414,]	1.03566686	-0.426085	0.2661420
##	[1415,]	2.12858163	2.345353	-0.6587487
##	[1416,]	-0.87693400	-0.426085	0.2661420
##	[1417,]	-0.05724792	-0.426085	-1.5836393
##	[1418,]	1.03566686	-0.426085	0.2661420
##	[1419,]	-1.15016269	-0.426085	1.1910327
##	[1420,]	0.48920947	-0.426085	0.2661420
##	[1421,]	1.85535294	2.345353	-1.5836393

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## [1422,]
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                                        -0.426085
                                                                   -1.5836393
   [1423,]
                                        -0.426085
##
                  -1.15016269
                                                                    0.2661420
   [1424,]
                   -0.87693400
                                        -0.426085
                                                                    1.1910327
  [1425,]
                                        -0.426085
##
                   1.03566686
                                                                   -0.6587487
##
   [1426,]
                   -0.60370530
                                        -0.426085
                                                                   -1.5836393
   [1427,]
                                                                    0.2661420
##
                  -0.60370530
                                        -0.426085
  Γ1428.<sub>]</sub>
                                        -0.426085
                   1.03566686
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## [1429,]
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##
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                   -0.60370530
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                                                                   -1.5836393
##
   [1431,]
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                                        -0.426085
                                                                   -1.5836393
   [1432,]
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                                         -0.426085
                                                                    0.2661420
   [1433,]
                   2.67503902
                                          2.345353
                                                                   -1.5836393
                   1.85535294
##
   [1434,]
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                                                                   -0.6587487
##
   [1435,]
                   -0.05724792
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                                                                   -0.6587487
  [1436,]
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##
                   -0.87693400
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   [1437,]
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                                                                    1.1910327
##
   [1438,]
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   [1439,]
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                                        -0.426085
                                                                   -1.5836393
   [1440,]
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  [1443,]
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## [1444,]
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   Γ1445.]
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                                          2.345353
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                                          2.345353
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                                                                   -1.5836393
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                                        -0.426085
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## [1459,]
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##
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##
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##
            StandardHours StockOptionLevel TotalWorkingYears TrainingTimesLastYear
##
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                                                     -0.42149902
                                                                              -2.1712429
##
      [2,]
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                                   0.2419060
                                                     -0.16445544
                                                                               0.1556541
##
      [3,]
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                                  -0.9316973
                                                     -0.55002081
                                                                               0.1556541
##
      [4,]
                       NaN
                                  -0.9316973
                                                     -0.42149902
                                                                               0.1556541
```

##	[5,]	NaN	0.2419060	-0.67854260	0.1556541
##	[6,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[7,]	NaN	2.5891126	0.09258815	0.1556541
##	[8,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[9,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[10,]	NaN	1.4155093	0.73519711	0.1556541
##	[11,]	NaN	0.2419060	-0.67854260	1.7069188
##	[12,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[13,]	NaN	0.2419060	-0.80706439	-1.3956106
##	[14,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[15,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[16,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[17,]	NaN	1.4155093	-0.55002081	1.7069188
##	[18,]	NaN	1.4155093	-1.32115156	-0.6199782
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##	[24,]	NaN	-0.9316973	-1.44967335	2.4825512
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##	[27,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[28,]	NaN	0.2419060	-0.16445544	-0.6199782
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##	[30,]	NaN	-0.9316973	1.37780606	-0.6199782
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##	[32,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[33,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[34,]	NaN	0.2419060	0.99224069	2.4825512
##	[35,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[36,]	NaN	1.4155093	-0.67854260	0.1556541
##	[37,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[38,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[39,]	NaN	0.2419060	-0.67854260	0.1556541
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##	[41,]	NaN	0.2419060	-1.32115156	0.1556541
##	[42,]	NaN	0.2419060	-1.32115156	2.4825512
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##	[49,]	NaN	-0.9316973	0.34963173	0.9312865
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##	[57,]	NaN	0.2419060	-0.29297723	0.1556541
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##	[59,]	NaN	0.2419060	-0.16445544	0.1556541
##	[60,]	NaN	0.2419060	-0.55002081	-0.6199782
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##	[110,]	NaN N-N	-0.9316973	-1.32115156	1.7069188
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##	[113,]	NaN	-0.9316973	1.50632785	0.1556541
##	[114,]	NaN	0.2419060	-0.67854260	-0.6199782
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##	[166,]	NaN	-0.9316973	1.24928427	1.7069188

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##	[176,]	NaN	0.2419060	0.99224069	0.1556541
##	[177,]	NaN	-0.9316973	-0.93558618	-0.6199782
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##	[185,]	NaN	1.4155093	-0.80706439	0.1556541
##	[186,]	NaN	0.2419060	-0.42149902	1.7069188
##	[187,]	NaN	0.2419060	1.24928427	-0.6199782
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##	[193,]	NaN	-0.9316973	-0.42149902	-1.3956106
	•				
##	[194,]	NaN	2.5891126	-0.55002081	0.1556541
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##	[201,]	NaN	0.2419060	-0.67854260	-1.3956106
##	[202,]	NaN	1.4155093	-0.55002081	-2.1712429
##	[203,]	NaN	0.2419060	-0.80706439	0.9312865
##	[204,]	NaN	0.2419060	0.47815352	-0.6199782
##	[205,]	NaN	-0.9316973	0.73519711	-0.6199782
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	•				
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##	[248,]	NaN	0.2419060	0.22110994	0.1556541
##	[249,]	NaN	0.2419060	0.73519711	-0.6199782
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##	[274,]	NaN	0.2419060	-0.55002081	1.7069188

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##	[276,]	NaN N-N	1.4155093	0.47815352	-0.6199782
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##	[327,]	NaN	0.2419060	1.24928427	-0.6199782
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	,3			- · <b>- · ·</b>	

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##	[446,]	NaN	-0.9316973	3.30563293	-0.6199782
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##	[457,]	NaN	0.2419060	-0.16445544	0.1556541
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##	[706,]	NaN	-0.9316973	-0.29297723	0.1556541
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##	[710,]	NaN	-0.9316973	-0.93558618	-2.1712429
##	[711,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[712,]	NaN	-0.9316973	-1.06410798	1.7069188
##	[713,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[714,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[715,]	NaN	0.2419060	2.66302398	-1.3956106
##	[716,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[717,]	NaN	0.2419060	1.24928427	-0.6199782
##	[718,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[719,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[720,]	NaN	-0.9316973	-0.29297723	-2.1712429
##	[721,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[722,]	NaN	0.2419060	1.37780606	-0.6199782
##	[723,]	NaN	0.2419060	-1.06410798	-2.1712429
##	[724,]	NaN	0.2419060	0.22110994	0.1556541
##	[725,]	NaN	1.4155093	-0.80706439	2.4825512
##	[726,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[727,]	NaN	0.2419060	-0.93558618	-1.3956106
##	[728,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[729,]	NaN	0.2419060	1.37780606	-0.6199782
##	[730,]	NaN	0.2419060	0.60667531	0.1556541
##	[731,]	NaN	2.5891126	-0.29297723	0.9312865
##	[732,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[733,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[734,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[735,]	NaN	0.2419060	-0.93558618	0.1556541
##	[736,]	NaN	-0.9316973	0.99224069	-2.1712429
##	[737,]	NaN	-0.9316973	2.02041502	0.1556541
##	[738,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[739,]	NaN	0.2419060	1.24928427	0.1556541
##	[740,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[741,]	NaN	0.2419060	-1.06410798	0.9312865
##	[742,]	NaN	-0.9316973	1.24928427	0.1556541
##	[743,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[744,]	NaN	-0.9316973	2.40598039	0.9312865
##	[745,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[746,]	NaN	1.4155093	0.73519711	0.1556541
##	[747,]	NaN	1.4155093	1.24928427	0.1556541
##	[748,]	NaN	-0.9316973	0.99224069	-1.3956106
##	[749,]	NaN	-0.9316973	-0.55002081	2.4825512
##	[750,]	NaN	0.2419060	2.79154577	0.1556541
##	[751,]	NaN	0.2419060	1.50632785	-0.6199782
##	[752,]	NaN	0.2419060	0.99224069	0.1556541
##	[753,]	NaN	-0.9316973	0.86371890	-1.3956106
##	[754,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[755,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[756,]	NaN	0.2419060	1.89189323	0.9312865
##	[757,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[758,]	NaN	0.2419060	0.60667531	-0.6199782
##	[759,]	NaN	0.2419060	0.34963173	-1.3956106
##	[760,]	NaN	-0.9316973	-0.67854260	0.1556541

##	[761,]	NaN	0.2419060	2.40598039	-0.6199782
##	[762,]	NaN	0.2419060	-0.29297723	0.1556541
##	[763,]	NaN	0.2419060	-0.67854260	-0.6199782
	[764,]	NaN	0.2419060	-1.32115156	-0.6199782
##			-0.9316973		
##	[765,]	NaN NaN		-1.32115156	1.7069188
##	[766,]	NaN NaN	0.2419060	-0.42149902	-0.6199782
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##	[768,]	NaN	-0.9316973	-0.42149902	0.1556541
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##	[771,]	NaN	1.4155093	1.50632785	-2.1712429
##	[772,]	NaN	0.2419060	0.22110994	0.9312865
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##	[774,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[775,]	NaN	-0.9316973	2.53450219	0.1556541
##	[776,]	NaN	0.2419060	0.86371890	1.7069188
##	[777,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[778,]	NaN	-0.9316973	-1.32115156	2.4825512
##	[779,]	NaN	2.5891126	0.99224069	-0.6199782
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##	[781,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[782,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[783,]	NaN	0.2419060	-0.55002081	-1.3956106
##	[784,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[785,]	NaN	0.2419060	1.12076248	0.9312865
##	[786,]	NaN	0.2419060	0.34963173	2.4825512
##	[787,]	NaN	2.5891126	-1.06410798	0.9312865
##	[788,]	NaN	0.2419060	1.50632785	0.9312865
##	[789,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[790,]	NaN	0.2419060	1.63484965	-1.3956106
##	[791,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[792,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[793,]	NaN	-0.9316973	0.34963173	0.9312865
##	[794,]	NaN	0.2419060	-0.93558618	1.7069188
##	[795,]	NaN	-0.9316973	-0.55002081	-1.3956106
##	[796,]	NaN	2.5891126	-0.42149902	1.7069188
##	[797,]	NaN	0.2419060	-0.55002081	0.1556541
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##	[800,]	NaN	0.2419060	1.50632785	0.1556541
##	[801,]	NaN	1.4155093	-1.32115156	-0.6199782
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##	[804,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[805,]	NaN	-0.9316973	2.02041502	0.1556541
##	[806,]	NaN	0.2419060	0.47815352	-0.6199782
##	[807,]	NaN	-0.9316973	0.86371890	0.9312865
##	[808,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[809,]	NaN	0.2419060	-0.03593364	-1.3956106
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##	[812,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[813,]	NaN	0.2419060	0.86371890	-1.3956106
##	[814,]	NaN	2.5891126	1.24928427	0.9312865
	- · · ·				

##	[815,]	NaN	-0.9316973	1.24928427	-0.6199782
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##	[825,]	NaN	-0.9316973	0.60667531	0.1556541
##	[826,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[827,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[828,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[829,]	NaN	-0.9316973	-1.44967335	-2.1712429
##	[830,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[831,]	NaN	0.2419060	-0.67854260	0.9312865
##	[832,]	NaN	0.2419060	-1.19262977	1.7069188
##	[833,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[834,]	NaN	0.2419060	-0.93558618	-2.1712429
##	[835,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[836,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[837,]	NaN	0.2419060	-0.03593364	0.1556541
##	[838,]	NaN	-0.9316973	1.12076248	0.1556541
##	[839,]	NaN	-0.9316973	1.37780606	-0.6199782
##	[840,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[841,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[842,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[843,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[844,]	NaN	0.2419060	-0.42149902	-0.6199782
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##	[847,]	NaN	0.2419060	0.47815352	-0.6199782
##	[848,]	NaN	-0.9316973	0.34963173	0.1556541
##	[849,]	NaN	0.2419060	-1.19262977	-0.6199782
##	[850,]	NaN	-0.9316973	-0.55002081	-0.6199782
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##	[853,]	NaN	0.2419060	-0.16445544	1.7069188
##	[854,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[855,]	NaN	0.2419060	-0.55002081	-0.6199782
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##	[857,]	NaN	-0.9316973	-1.19262977	-0.6199782
##	[858,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[859,]	NaN	0.2419060	1.89189323	2.4825512
##	[860,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[861,]	NaN	0.2419060	-1.32115156	1.7069188
##	[862,]	NaN	-0.9316973	2.14893681	-0.6199782
##	[863,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[864,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[865,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[866,]	NaN	2.5891126	-0.42149902	0.1556541
##	[867,]	NaN	2.5891126	-0.80706439	-0.6199782
##	[868,]	NaN	0.2419060	2.66302398	0.1556541
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##	[869,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[870,]	NaN	0.2419060	1.76337144	-0.6199782
##	[871,]	NaN	2.5891126	0.47815352	-0.6199782
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##	[876,]	NaN	-0.9316973	1.12076248	0.1556541
##	[877,]	NaN	-0.9316973	-1.19262977	-0.6199782
##	[878,]	NaN	0.2419060	0.09258815	0.1556541
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##	[880,]	NaN	0.2419060	0.09258815	0.1556541
##	[881,]	NaN	0.2419060	-1.19262977	-0.6199782
##	[882,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[883,]	NaN	0.2419060	0.73519711	-0.6199782
##	[884,]	NaN	0.2419060	0.47815352	1.7069188
##	[885,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[886,]	NaN	-0.9316973	-0.80706439	0.9312865
##	[887,]	NaN	0.2419060	0.09258815	-0.6199782
##	[888,]	NaN	-0.9316973	1.12076248	2.4825512
##	[889,]	NaN	0.2419060	0.60667531	2.4825512
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##	[891,]	NaN	0.2419060	2.79154577	-0.6199782
##	[892,]	NaN	0.2419060	-0.16445544	1.7069188
##	[893,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[894,]	NaN	2.5891126	-1.06410798	1.7069188
##	[895,]	NaN	-0.9316973	3.17711114	-0.6199782
##	[896,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[897,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[898,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[899,]	NaN	0.2419060	1.76337144	-0.6199782
##	[900,]	NaN	0.2419060	1.50632785	-0.6199782
##	[901,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[902,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[903,]	NaN	2.5891126	-0.80706439	-0.6199782
##	[904,]	NaN	1.4155093	-0.67854260	-0.6199782
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##	[906,]	NaN	1.4155093	-0.29297723	-0.6199782
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##	[913,]	NaN	-0.9316973	-0.42149902	-0.6199782
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##	[915,]	NaN	0.2419060	2.92006756	0.1556541
##	[916,]	NaN	-0.9316973	-1.19262977	-0.6199782
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##	[919,]	NaN N-N	0.2419060	2.53450219	1.7069188
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##	[921,]	NaN	1.4155093	0.47815352	-0.6199782
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##	[923,]	NaN	1.4155093	1.89189323	0.9312865
##	[924,]	NaN	1.4155093	0.34963173	1.7069188
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##	[927,]	NaN	-0.9316973	1.50632785	0.1556541
##	[928,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[929,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[930,]	NaN	0.2419060	-1.19262977	-0.6199782
##	[931,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[932,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[933,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[934,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[935,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[936,]	NaN	1.4155093	-0.16445544	0.9312865
##	[937,]	NaN	-0.9316973	1.37780606	0.9312865
##	[938,]	NaN	1.4155093	1.24928427	0.9312865
##	[939,]	NaN	1.4155093	-1.19262977	0.1556541
##	[940,]	NaN	0.2419060	-0.16445544	0.1556541
##	[941,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[942,]	NaN	0.2419060	-0.16445544	2.4825512
##	[943,]	NaN	-0.9316973	-0.16445544	-2.1712429
##	[944,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[945,]	NaN	2.5891126	-0.16445544	2.4825512
##	[946,]	NaN	-0.9316973	1.76337144	-0.6199782
##	[947,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[948,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[949,]	NaN	1.4155093	-0.29297723	-0.6199782
##	[950,]	NaN	-0.9316973	-0.29297723	2.4825512
##	[951,]	NaN	0.2419060	-0.16445544	1.7069188
##	[952,]	NaN	-0.9316973	0.99224069	0.9312865
##	[953,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[954,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[955,]	NaN	-0.9316973	1.24928427	0.1556541
##	[956,]	NaN	0.2419060	1.50632785	1.7069188
##	[957,]	NaN	-0.9316973	3.17711114	0.9312865
##	[958,]	NaN	0.2419060	-0.67854260	-2.1712429
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##	[960,]	NaN	-0.9316973	-0.29297723	0.9312865
##	[961,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[962,]	NaN	-0.9316973	-0.29297723	0.1556541
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##	[965,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[966,]	NaN	2.5891126	-0.55002081	2.4825512
##	[967,]	NaN	-0.9316973	2.53450219	-2.1712429
##	[968,]	NaN	0.2419060	-0.55002081	0.1556541
##	[969,]	NaN	0.2419060	0.73519711	-0.6199782
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##	[973,]	NaN	-0.9316973	-1.44967335	1.7069188
##	[974,]	NaN	0.2419060	-0.16445544	-2.1712429
##	[975,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[976,]	NaN	-0.9316973	1.63484965	-0.6199782

##	[977,]	NaN	0.2419060	2.79154577	-2.1712429
##	[978,]	NaN	2.5891126	-0.80706439	-0.6199782
##	[979,]	NaN	2.5891126	0.47815352	-2.1712429
##	[980,]	NaN	1.4155093	-0.16445544	-1.3956106
##	[981,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[982,]	NaN	0.2419060	-0.80706439	-2.1712429
##	[983,]	NaN	2.5891126	-0.93558618	-0.6199782
##	[984,]	NaN	-0.9316973	0.34963173	-0.6199782
##	[985,]	NaN	0.2419060	-0.80706439	-2.1712429
##	[986,]	NaN	1.4155093	-0.16445544	0.1556541
##	[987,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[988,]	NaN	-0.9316973	0.34963173	1.7069188
##	[989,]	NaN	1.4155093	0.09258815	0.9312865
##	[990,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[991,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[992,]	NaN	2.5891126	-0.93558618	0.1556541
##	[993,]	NaN	0.2419060	0.22110994	-0.6199782
##	[994,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[995,]	NaN	0.2419060	1.63484965	0.1556541
##	[996,]	NaN	-0.9316973	1.12076248	0.1556541
##	[997,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[998,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[999,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[1000,]	NaN	0.2419060	1.24928427	1.7069188
##	[1001,]	NaN	-0.9316973	0.09258815	-0.6199782
##	[1002,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[1003,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1004,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1005,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1006,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1007,]	NaN	-0.9316973	1.12076248	-0.6199782
##	[1008,]	NaN	-0.9316973	-0.29297723	-1.3956106
##	[1009,]	NaN	-0.9316973	2.27745860	0.1556541
##	[1010,]	NaN	0.2419060	2.66302398	0.1556541
##	[1011,]	NaN	1.4155093	2.53450219	0.9312865
##	[1012,]	NaN	-0.9316973	0.47815352	0.1556541
##	[1013,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1014,]	NaN	1.4155093	-0.42149902	0.1556541
##	[1015,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1016,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[1017,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1018,]	NaN	-0.9316973	-0.67854260	0.1556541
##	[1019,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1020,]	NaN	1.4155093	-0.03593364	0.1556541
##	[1021,]	NaN	0.2419060	0.73519711	-0.6199782
##	[1022,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[1023,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[1024,]	NaN	0.2419060	-0.80706439	0.1556541
##	[1025,]	NaN	1.4155093	1.89189323	-0.6199782
##	[1026,]	NaN	1.4155093	-0.80706439	0.1556541
##	[1027,]	NaN	0.2419060	-0.55002081	0.1556541
##	[1028,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1029,]	NaN	-0.9316973	-0.55002081	1.7069188
##	[1030,]	NaN	1.4155093	-0.03593364	-0.6199782

##	[1031,]	NaN	0.2419060	0.22110994	1.7069188
##	[1032,]	NaN	0.2419060	2.14893681	-1.3956106
##	[1033,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[1034,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1035,]	NaN	0.2419060	1.63484965	-0.6199782
##	[1036,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[1037,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1038,]	NaN	1.4155093	-0.16445544	0.9312865
##	[1039,]	NaN	2.5891126	0.47815352	0.1556541
##	[1040,]	NaN	-0.9316973	-1.19262977	-2.1712429
##	[1041,]	NaN	0.2419060	0.60667531	1.7069188
##	[1042,]	NaN	-0.9316973	-0.67854260	0.9312865
##	[1043,]	NaN	-0.9316973	-0.55002081	1.7069188
##	[1044,]	NaN	-0.9316973	3.04858935	-0.6199782
##	[1045,]	NaN	0.2419060	1.12076248	-2.1712429
##	[1046,]	NaN	0.2419060	-0.42149902	0.1556541
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##	[1048,]	NaN	1.4155093	-0.80706439	-0.6199782
##	[1049,]	NaN	-0.9316973	0.47815352	-0.6199782
##	[1050,]	NaN	1.4155093	-0.93558618	-0.6199782
##	[1051,]	NaN	-0.9316973	0.09258815	0.1556541
##	[1052,]	NaN	0.2419060	-0.03593364	0.9312865
##	[1053,]	NaN	1.4155093	-1.32115156	-0.6199782
##	[1054,]	NaN	0.2419060	0.22110994	-0.6199782
##	[1055,]	NaN	1.4155093	2.27745860	0.1556541
##	[1056,]	NaN	1.4155093	0.60667531	0.1556541
##	[1057,]	NaN	0.2419060	-0.80706439	0.1556541
##	[1058,]	NaN	-0.9316973	-0.55002081	0.9312865
##	[1059,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[1060,]	NaN	0.2419060	-1.32115156	0.1556541
##	[1061,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[1062,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[1063,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[1064,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1065,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1066,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[1067,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[1068,]	NaN	0.2419060	-0.03593364	0.9312865
##	[1069,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1070,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[1071,]	NaN	-0.9316973	-0.80706439	1.7069188
##	[1072,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1073,]	NaN	2.5891126	-0.93558618	0.1556541
##	[1074,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[1075,]	NaN	-0.9316973	0.34963173	2.4825512
##	[1076,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[1077,]	NaN	0.2419060	1.89189323	-0.6199782
##	[1078,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[1079,]	NaN	0.2419060	1.63484965	-1.3956106
##	[1080,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1081,]	NaN	0.2419060	1.50632785	-0.6199782
##	[1082,]	NaN	-0.9316973	-0.03593364	0.1556541
##	[1083,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[1084,]	NaN	-0.9316973	0.47815352	0.1556541
и п	,		0.0010010	3.1.010002	0.1000041

##	[1085,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1086,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[1087,]	NaN	-0.9316973	2.66302398	-0.6199782
##	[1088,]	NaN	0.2419060	0.09258815	0.9312865
##	[1089,]	NaN	0.2419060	-0.93558618	0.1556541
##	[1090,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1091,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1092,]	NaN	-0.9316973	-0.80706439	-0.6199782
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##	[1094,]	NaN	0.2419060	1.63484965	0.1556541
##	[1095,]	NaN	-0.9316973	-0.29297723	1.7069188
##	[1096,]	NaN	0.2419060	0.47815352	0.1556541
##	[1097,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1098,]	NaN	2.5891126	-1.19262977	0.1556541
##	[1099,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1100,]	NaN	2.5891126	-0.16445544	0.9312865
##	[1101,]	NaN	1.4155093	-0.67854260	1.7069188
##	[1102,]	NaN	0.2419060	0.09258815	-0.6199782
##	[1103,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[1104,]	NaN	0.2419060	0.86371890	-0.6199782
##	[1105,]	NaN	1.4155093	-0.80706439	-0.6199782
##	[1106,]	NaN	0.2419060	-0.42149902	2.4825512
##	[1107,]	NaN	0.2419060	-0.16445544	0.9312865
##	[1108,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1109,]	NaN	-0.9316973	-1.06410798	0.1556541
##	[1110,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1111,]	NaN	0.2419060	-1.32115156	-0.6199782
##	[1112,]	NaN	0.2419060	2.92006756	0.9312865
##	[1113,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[1114,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1115,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1116,]	NaN	-0.9316973	-1.32115156	0.9312865
##	[1117,]	NaN	0.2419060	3.17711114	0.1556541
##	[1118,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1119,]	NaN	-0.9316973	-1.32115156	1.7069188
##	[1120,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1121,]	NaN	-0.9316973	-0.42149902	1.7069188
##	[1122,]	NaN	-0.9316973	0.47815352	1.7069188
##	[1123,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1124,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[1125,]	NaN	0.2419060	-0.03593364	0.1556541
##	[1126,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[1127,]	NaN	0.2419060	2.02041502	-0.6199782
##	[1128,]	NaN	0.2419060	-0.93558618	-0.6199782
##	[1129,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1130,]	NaN	-0.9316973	1.63484965	-0.6199782
##	[1131,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1132,]	NaN	0.2419060	-0.42149902	0.1556541
##	[1133,]	NaN	0.2419060	-0.80706439	-0.6199782
##	[1134,]	NaN	0.2419060	-0.42149902	-2.1712429
##	[1135,]	NaN	0.2419060	-1.32115156	1.7069188
##	[1136,]	NaN	-0.9316973	2.02041502	1.7069188
##	[1137,]	NaN	2.5891126	-1.32115156	0.1556541
##	[1138,]	NaN	-0.9316973	-0.93558618	-0.6199782
••	<b>/-</b>	-		· · · · · · · · · · · · · · · · · · ·	

##	[1139,]	NoN	0.2419060	2.66302398	0.1556541
##	[1140,]	NaN			
##		NaN NaN	1.4155093	-0.67854260	0.1556541
##	[1141,]	NaN	0.2419060	1.50632785	0.9312865
##	[1142,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1143,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1144,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1145,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1146,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[1147,]	NaN	0.2419060	-0.29297723	0.1556541
##	[1148,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1149,]	NaN	2.5891126	-0.16445544	0.1556541
##	[1150,]	NaN	1.4155093	-0.55002081	0.1556541
##	[1151,]	NaN	-0.9316973	0.60667531	-0.6199782
##	[1152,]	NaN	0.2419060	-0.67854260	1.7069188
##	[1153,]	NaN	-0.9316973	-1.06410798	-0.6199782
##	[1154,]	NaN	-0.9316973	-1.44967335	-0.6199782
##	[1155,]	NaN	0.2419060	2.02041502	-0.6199782
##	[1156,]	NaN	0.2419060	-0.03593364	0.1556541
##	[1157,]	NaN	1.4155093	0.86371890	-0.6199782
##	[1158,]	NaN	0.2419060	0.47815352	1.7069188
##	[1159,]	NaN	2.5891126	-0.29297723	-0.6199782
##	[1160,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1161,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1162,]	NaN	0.2419060	-0.16445544	2.4825512
##	[1163,]	NaN	-0.9316973	0.47815352	0.1556541
##	[1164,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1165,]	NaN	-0.9316973	0.86371890	-0.6199782
##	[1166,]	NaN	-0.9316973	0.34963173	0.1556541
##	[1167,]	NaN	0.2419060	1.50632785	0.1556541
##	[1168,]	NaN	1.4155093	-0.55002081	-0.6199782
##	[1169,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[1170,]	NaN	-0.9316973	-0.80706439	-2.1712429
##	[1171,]	NaN	-0.9316973	-0.67854260	-2.1712429
##	[1172,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1173,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1174,]	NaN	1.4155093	-0.29297723	2.4825512
##	[1175,]	NaN	1.4155093	-0.55002081	2.4825512
##	[1176,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[1177,]	NaN	1.4155093	2.02041502	-0.6199782
##	[1178,]	NaN	2.5891126	0.99224069	0.1556541
##	[1179,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1180,]	NaN	0.2419060	-0.03593364	-0.6199782
##	[1181,]	NaN	-0.9316973	0.47815352	0.9312865
##	[1182,]	NaN	0.2419060	2.40598039	0.1556541
##	[1183,]	NaN	-0.9316973	-0.93558618	2.4825512
##	[1184,]	NaN	0.2419060	0.22110994	0.1556541
##	[1185,]	NaN	0.2419060	3.17711114	2.4825512
##	[1186,]	NaN	0.2419060	0.34963173	0.1556541
##	[1187,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[1188,]	NaN	1.4155093	0.99224069	0.9312865
##	[1189,]	NaN	0.2419060	-0.16445544	0.9512665
##	[1190,]	NaN	1.4155093	-0.16445544	1.7069188
##	[1190,]	NaN	1.4155093	-0.16445544	0.9312865
			1.4155093		
##	[1192,]	NaN	1.4100093	-0.16445544	-0.6199782

##	[1193,]	NaN	0.2419060	0.73519711	-0.6199782
##	[1194,]	NaN	-0.9316973	-0.93558618	0.1556541
##	[1195,]	NaN	2.5891126	2.27745860	-0.6199782
##	[1196,]	NaN	-0.9316973	1.50632785	-0.6199782
##	[1197,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1198,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1199,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1200,]	NaN	1.4155093	-0.16445544	-0.6199782
##	[1201,]	NaN	2.5891126	-0.42149902	-0.6199782
##	[1202,]	NaN	-0.9316973	-0.80706439	-0.6199782
##	[1203,]	NaN	0.2419060	-0.55002081	1.7069188
##	[1204,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[1205,]	NaN	1.4155093	0.99224069	0.1556541
##	[1206,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[1207,]	NaN	-0.9316973	-0.55002081	1.7069188
##	[1208,]	NaN	0.2419060	-0.42149902	-1.3956106
##	[1209,]	NaN	0.2419060	0.47815352	0.1556541
##	[1210,]	NaN	0.2419060	0.99224069	-0.6199782
##	[1211,]	NaN	2.5891126	0.34963173	2.4825512
##	[1212,]	NaN	1.4155093	-0.67854260	-0.6199782
##	[1213,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1214,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[1215,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1216,]	NaN	-0.9316973	-0.67854260	-0.6199782
##	[1217,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1218,]	NaN	0.2419060	-0.80706439	-1.3956106
##	[1219,]	NaN	-0.9316973	-0.16445544	0.1556541
##	[1220,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1221,]	NaN	-0.9316973	0.73519711	-0.6199782
##	[1222,]	NaN	0.2419060	1.76337144	0.1556541
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##	[1224,]	NaN	-0.9316973	1.76337144	0.1556541
##	[1225,]	NaN	2.5891126	-1.06410798	0.1556541
##	[1226,]	NaN	-0.9316973	1.24928427	-0.6199782
##	[1227,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1228,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1229,]	NaN	0.2419060	-0.16445544	0.9312865
##	[1230,]	NaN	0.2419060	0.86371890	0.1556541
##	[1231,]	NaN	2.5891126	-0.67854260	-0.6199782
##	[1232,]	NaN	-0.9316973	0.99224069	0.1556541
##	[1233,]	NaN	0.2419060	0.73519711	0.1556541
##	[1234,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1235,]	NaN	0.2419060	-0.93558618	0.1556541
##	[1236,]	NaN	0.2419060	0.22110994	1.7069188
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##	[1238,]	NaN	-0.9316973	-0.16445544	-0.6199782
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##	[1241,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1242,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1243,]	NaN	-0.9316973	1.24928427	0.1556541
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##	[1245,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1246,]	NaN	0.2419060	-1.06410798	-0.6199782

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##	[1247,]	NaN	0.2419060	-0.67854260	-2.1712429
##	[1248,]	NaN	0.2419060	-0.67854260	0.1556541
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##	[1250,]	NaN	-0.9316973	-1.19262977	0.1556541
##	[1251,]	NaN	-0.9316973	-0.16445544	1.7069188
##	[1252,]	NaN	0.2419060	0.09258815	-0.6199782
##	[1253,]	NaN	2.5891126	-0.67854260	0.1556541
##	[1254,]	NaN	-0.9316973	0.22110994	-0.6199782
##	[1255,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[1256,]	NaN	-0.9316973	-0.03593364	-0.6199782
##	[1257,]	NaN	0.2419060	-0.29297723	0.9312865
##	[1258,]	NaN	2.5891126	-0.16445544	-0.6199782
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##	[1264,]	NaN	2.5891126	-0.55002081	2.4825512
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##	[1268,]	NaN	0.2419060	0.47815352	0.1556541
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##	[1274,]	NaN	-0.9316973	-1.32115156	2.4825512
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##	[1280,]	NaN	2.5891126	-0.67854260	-0.6199782
	[1281,]	NaN	-0.9316973	0.99224069	0.9312865
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##		NaN			
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##	[1284,]	NaN NaN	0.2419060	-0.80706439	2.4825512
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##	[1293,]	NaN	0.2419060	-0.55002081	2.4825512
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##	[1299,]	NaN	0.2419060	0.22110994	-0.6199782
##	[1300,]	NaN	0.2419060	0.09258815	0.1556541

шш	[1201 ]	N - N	1 1155000	0 16445544	1 7000100
##	[1301,]	NaN	1.4155093	-0.16445544	1.7069188
##	[1302,]	NaN	0.2419060	3.30563293	-2.1712429
##	[1303,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1304,]	NaN	0.2419060	2.14893681	0.9312865
##	[1305,]	NaN	0.2419060	0.47815352	0.1556541
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##	[1307,]	NaN	1.4155093	-0.29297723	0.1556541
##	[1308,]	NaN	0.2419060	-1.06410798	0.1556541
##	[1309,]	NaN	1.4155093	1.12076248	0.9312865
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##	[1313,]	NaN	-0.9316973	-1.19262977	0.9312865
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##	[1315,]	NaN	1.4155093	-0.16445544	0.1556541
##	[1316,]	NaN	0.2419060	0.47815352	-0.6199782
##	[1317,]	NaN	0.2419060	-0.55002081	1.7069188
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##	[1319,]	NaN	-0.9316973	-0.03593364	0.1556541
##	[1320,]	NaN	-0.9316973	-0.93558618	-0.6199782
##	[1321,]	NaN	1.4155093	-0.16445544	-1.3956106
##	[1322,]	NaN	-0.9316973	-0.55002081	-0.6199782
##	[1323,]	NaN	0.2419060	0.09258815	0.9312865
##	[1324,]	NaN	0.2419060	-1.06410798	-0.6199782
##	[1325,]	NaN	1.4155093	-0.03593364	0.1556541
##	[1326,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[1327,]	NaN	-0.9316973	-0.55002081	0.1556541
##	[1328,]	NaN	0.2419060	1.76337144	1.7069188
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##	[1330,]	NaN	-0.9316973	-1.32115156	0.1556541
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##	[1332,]	NaN	-0.9316973	2.27745860	0.1556541
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##	[1334,]	NaN	2.5891126	0.34963173	-0.6199782
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##	[1336,]	NaN	2.5891126	-0.55002081	-0.6199782
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##	[1339,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1340,]		-0.9316973	-1.32115156	-0.6199782
##		NaN	0.2419060	-0.16445544	0.9312865
##	[1341,] [1342,]	NaN NaN	0.2419060	-0.16445544	-0.6199782
##	•	NaN NaN		-0.16445544	
##	[1343,]	NaN	2.5891126		0.1556541
##	[1344,]	NaN NaN	-0.9316973	-0.03593364	-0.6199782
##	[1345,]	NaN NaN	0.2419060	0.60667531 -0.93558618	-0.6199782
##	[1346,]	NaN N-N	-0.9316973		-0.6199782
##	[1347,]	NaN NaN	1.4155093	-0.16445544	-0.6199782
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##	[1349,]	NaN	0.2419060	1.37780606	0.1556541
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##	[1352,]	NaN	0.2419060	1.63484965	0.1556541
##	[1353,]	NaN	0.2419060	-0.16445544	1.7069188
##	[1354,]	NaN	0.2419060	-0.80706439	-0.6199782

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##	[1357,]	NaN	0.2419060	0.34963173	0.1556541
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##	[1361,]	NaN	0.2419060	-0.93558618	-2.1712429
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##	[1363,]	NaN	-0.9316973	0.09258815	0.1556541
##	[1364,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1365,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1366,]	NaN	-0.9316973	-1.32115156	0.1556541
##	[1367,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[1368,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1369,]	NaN	-0.9316973	0.60667531	0.1556541
##	[1370,]	NaN	-0.9316973	-0.67854260	-2.1712429
##	[1371,]	NaN	0.2419060	0.60667531	0.9312865
##	[1372,]	NaN	0.2419060	-0.67854260	0.1556541
##	[1373,]	NaN	0.2419060	-0.16445544	0.1556541
##	[1374,]	NaN	0.2419060	1.12076248	0.1556541
##	[1375,]	NaN	0.2419060	2.27745860	-0.6199782
##	[1376,]	NaN	-0.9316973	-0.42149902	-0.6199782
##	[1377,]	NaN	1.4155093	-0.16445544	-2.1712429
##	[1378,]	NaN	-0.9316973	2.14893681	0.1556541
##	[1379,]	NaN	1.4155093	0.34963173	0.9312865
##	[1380,]	NaN	-0.9316973	-1.32115156	-0.6199782
##	[1381,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1382,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1383,]	NaN	0.2419060	-0.93558618	0.1556541
##	[1384,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1385,]	NaN	-0.9316973	0.34963173	0.1556541
##	[1386,]	NaN	0.2419060	-0.29297723	-0.6199782
##	[1387,]	NaN	-0.9316973	-0.42149902	2.4825512
##	[1388,]	NaN	0.2419060	-0.67854260	1.7069188
##	[1389,]	NaN	0.2419060	-0.29297723	2.4825512
##	[1390,]	NaN	-0.9316973	-0.16445544	2.4825512
##	[1391,]	NaN	0.2419060	-0.67854260	-0.6199782
##	[1392,]	NaN	-0.9316973	1.12076248	0.1556541
##	[1393,]	NaN	-0.9316973	-0.16445544	-0.6199782
##	[1394,]	NaN	-0.9316973	-0.55002081	1.7069188
##	[1395,]	NaN	-0.9316973	-0.42149902	-1.3956106
##	[1396,]	NaN	-0.9316973	-0.16445544	0.9312865
##	[1397,]	NaN	-0.9316973	0.47815352	-0.6199782
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##	[1401,]	NaN	0.2419060	-0.55002081	-0.6199782
##	[1402,]	NaN	0.2419060	3.04858935	-2.1712429
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##	[1404,]	NaN	-0.9316973	1.24928427	0.1556541
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##	[1407,]	NaN	-0.9316973	-0.29297723	0.1556541
##	[1408,]	NaN	-0.9316973	-0.93558618	-0.6199782
πĦ	[1-100,]	14 (21)	0.3010310	0.93330010	0.0133102

	[4400]	37 37	0.0046070	0.00706400	0 4005540
##	[1409,]	NaN N-N	-0.9316973	-0.80706439	2.4825512
##	[1410,]	NaN NaN	0.2419060	-0.16445544	-0.6199782
##	[1411,]	NaN	0.2419060	0.47815352	0.9312865
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##	[1420,]	NaN	0.2419060	-0.29297723	0.1556541
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##	[1424,]	NaN	-0.9316973	-0.93558618	-0.6199782
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##	[1426,]	NaN	0.2419060	-0.16445544	2.4825512
##	[1427,]	NaN	-0.9316973	-0.67854260	0.1556541
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##	[1430,]	NaN	-0.9316973	0.86371890	-0.6199782
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##	[1439,]	NaN	0.2419060	-1.32115156	0.1556541
##	[1440,]	NaN	1.4155093	-0.16445544	-0.6199782
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##	[1445,]	NaN	0.2419060	0.34963173	0.9312865
##	[1446,]	NaN	0.2419060	1.24928427	0.1556541
##	[1447,]	NaN	1.4155093	-0.42149902	-0.6199782
##	[1448,]	NaN	0.2419060	0.47815352	0.9312865
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##	[1450,]	NaN	-0.9316973	-0.93558618	0.9312865
##	[1451,]	NaN	-0.9316973	-0.29297723	-0.6199782
##	[1452,]	NaN	0.2419060	-0.16445544	-1.3956106
##	[1453,]	NaN	1.4155093	0.09258815	0.1556541
##	[1454,]	NaN	0.2419060	-0.42149902	-0.6199782
##	[1455,]	NaN	-0.9316973	-0.42149902	0.1556541
##	[1456,]	NaN	-0.9316973	-0.42149902	-0.6199782
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##	[1459,]	NaN	0.2419060	-0.93558618	1.7069188
##	[1460,]	NaN	0.2419060	-0.16445544	-0.6199782
##	[1461,]	NaN	-0.9316973	-0.80706439	0.1556541
##	[1462,]	NaN	0.2419060	1.12076248	0.1556541
	• • •				

```
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                                                      1.24928427
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##
                       NaN
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   [1468,]
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                                                                              -2.1712429
  [1469,]
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   [1470,]
##
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##
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##
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                                                       0.76473737
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##
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##
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##	[50,]	0.3379811	-0.980680421	-1.16729002
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##	[249,]	-1.0774954	-0.654231096	-0.89128611
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##	[251,]	0.3379811	-0.980680421	-1.16729002
##	[252,]	0.3379811	1.957363503	0.48873346
##	[253,]	0.3379811	-0.164557109	0.21272955
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##		0.3379811	-0.654231096 -0.491006434	-0.61528219 -0.61528219
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## ##	[258,] [259,]	0.3379811 -1.0774954	2.283812828 -0.980680421	0.76473737 -1.16729002
## ##	[260,]	1.7534577	-0.327781771	-0.06327437
##	[261,]	-2.4929720	-0.327781771	-0.89128611
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##	[265,]	-2.4929720	-1.143905083	-1.16729002
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	-		2.120588166	0.33927028
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##	[275,]	1.7534577	-0.654231096	-0.61528219
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##	[282,]	0.3379811	2.120588166	3.24877259
##	[283,]	-1.0774954	0.488341541	0.76473737
##	[284,]	0.3379811	0.488341541	0.76473737
##	[285,]	0.3379811	-0.327781771	-0.33927828
##	[286,]	0.3379811	1.630914178	2.14475694
##	[287,]	-2.4929720	-0.980680421	-1.16729002
##	[288,]	0.3379811	-0.817455758	-0.61528219
##	[289,]	0.3379811	-0.654231096	-0.61528219
##	[290,]	0.3379811	-0.327781771	-0.33927828
##	[291,]	0.3379811	-0.654231096	-0.61528219
##	[292,]	0.3379811	0.161892216	-1.16729002
##	[293,]	-1.0774954	-0.817455758	-0.61528219
##	[294,]	0.3379811	0.161892216	0.76473737
	-		-0.491006434	
##	[295,]	-1.0774954		-0.61528219
##	[296,]	1.7534577	2.120588166	-0.06327437
##	[297,]	0.3379811	-1.143905083	-1.16729002
##	[298,]	-1.0774954	0.651566204	1.31674520
##	[299,]	0.3379811	-0.980680421	-1.16729002
##	[300,]	0.3379811	-0.491006434	-0.89128611
##	[301,]	0.3379811	2.447037491	1.59274911
##	[302,]	0.3379811	-1.143905083	-1.16729002
##	[303,]	0.3379811	0.161892216	-0.33927828
##	[304,]	-1.0774954	0.161892216	0.76473737
##	[305,]	-1.0774954	1.794138841	1.59274911
##	[306,]	0.3379811	0.325116879	1.04074129
##	[307,]	-1.0774954	0.978015528	1.04074129
##	[308,]	0.3379811	0.488341541	1.04074129
##	[309,]	0.3379811	-0.327781771	-0.33927828
##	[310,]	0.3379811	-0.327781771	-0.61528219
##	[311,]	0.3379811	-0.817455758	-0.61528219
##	[312,]	0.3379811	2.773486815	1.31674520
##	[313,]	-2.4929720	-0.817455758	-0.61528219
##	[314,]	0.3379811	0.488341541	0.48873346
##	[315,]	0.3379811	2.283812828	1.31674520

##	[316,]	0.3379811	0.161892216	0.76473737
##	[317,]	0.3379811	-0.001332446	-0.89128611
##	[318,]	-1.0774954	0.161892216	-0.61528219
##	[319,]	-1.0774954	-0.491006434	-0.33927828
##	[320,]	0.3379811	0.978015528	2.14475694
##	[321,]	0.3379811	-0.327781771	-0.06327437
##	[322,]	0.3379811	-0.001332446	0.76473737
##	[323,]	-1.0774954	-0.001332446	0.76473737
##	[324,]	-1.0774954	-0.654231096	-0.61528219
##	[325,]	0.3379811	0.488341541	1.04074129
	[326,]		0.488341541	1.31674520
##	-	0.3379811		
##	[327,]	0.3379811	2.283812828	1.31674520
##	[328,]	-1.0774954	-0.980680421	-1.16729002
##	[329,]	-1.0774954	-0.001332446	0.76473737
##	[330,]	0.3379811	-0.654231096	-0.61528219
##	[331,]	1.7534577	0.325116879	0.76473737
##	[332,]	0.3379811	-0.327781771	-0.06327437
##	[333,]	-1.0774954	-0.491006434	-0.33927828
##	[334,]	-1.0774954	-0.980680421	-1.16729002
##	[335,]	0.3379811	0.488341541	1.31674520
##	[336,]	-1.0774954	-0.491006434	-0.33927828
##	[337,]	-1.0774954	-0.001332446	0.76473737
##	[338,]	0.3379811	-0.654231096	-0.61528219
##	[339,]	0.3379811	0.488341541	1.31674520
##	[340,]	0.3379811	0.161892216	0.76473737
	[341,]	-1.0774954	-0.164557109	-0.61528219
##	-			
##	[342,]	0.3379811	0.651566204	1.59274911
##	[343,]	-1.0774954	0.651566204	1.31674520
##	[344,]	0.3379811	-0.001332446	0.76473737
##	[345,]	0.3379811	1.467689516	0.48873346
##	[346,]	-1.0774954	-0.491006434	-0.61528219
##	[347,]	0.3379811	-0.327781771	-0.06327437
##	[348,]	0.3379811	-1.143905083	-1.16729002
##	[349,]	0.3379811	-0.980680421	-1.16729002
##	[350,]	-1.0774954	-0.491006434	-0.33927828
##	[351,]	0.3379811	-0.654231096	-0.61528219
##	[352,]	0.3379811	0.161892216	-1.16729002
##	[353,]	-2.4929720	-1.143905083	-1.16729002
##	[354,]	0.3379811	-0.001332446	0.76473737
##	[355,]	1.7534577	-0.817455758	-0.61528219
##	[356,]	0.3379811	0.161892216	0.76473737
##	[357,]	0.3379811	-0.980680421	-1.16729002
##	[358,]	0.3379811	-0.654231096	-0.61528219
##	[359,]	0.3379811	-0.980680421	-1.16729002
##	[360,]	0.3379811	0.978015528	1.31674520
##	[361,]	0.3379811	-0.654231096	-0.61528219
##	[362,]	0.3379811	-0.001332446	0.76473737
##	[363,]	-1.0774954	-0.654231096	-0.61528219
##	[364,]	0.3379811	-0.980680421	-1.16729002
##	[365,]	0.3379811	-0.327781771	-0.06327437
##	[366,]	1.7534577	-0.980680421	-1.16729002
##	[367,]	0.3379811	0.161892216	0.76473737
##	[368,]	0.3379811	-0.491006434	-0.33927828
##	[369,]	0.3379811	-0.164557109	-0.06327437

##	[370,]	0.3379811	-0.817455758	-0.61528219
##	[371,]	0.3379811	-0.980680421	-1.16729002
##	[372,]	0.3379811	-0.654231096	-0.61528219
##	[373,]	0.3379811	-0.980680421	-0.89128611
##	[374,]	0.3379811	-0.327781771	-0.61528219
##	[375,]	0.3379811	-0.001332446	0.21272955
##	[376,]	0.3379811	-0.327781771	-0.61528219
##	[377,]	-1.0774954	-0.001332446	0.76473737
##	[378,]	0.3379811	-0.817455758	-0.61528219
##	[379,]	-1.0774954	-0.327781771	-0.61528219
##	[380,]	0.3379811	-0.327781771	-0.06327437
##	[381,]	1.7534577	-0.327781771	-0.61528219
##	[382,]	0.3379811	-0.980680421	-1.16729002
##	[383,]	0.3379811	-0.164557109	-0.06327437
	-			
##	[384,]	0.3379811	-0.817455758	-0.89128611
##	[385,]	0.3379811	0.488341541	1.31674520
##	[386,]	0.3379811	-0.980680421	-1.16729002
##	[387,]	-1.0774954	1.794138841	0.76473737
##	[388,]	0.3379811	-0.327781771	-0.06327437
##	[389,]	0.3379811	-0.327781771	-0.61528219
##	[390,]	-1.0774954	-0.980680421	-1.16729002
##	[391,]	0.3379811	2.936711478	1.59274911
##	[392,]	0.3379811	-0.980680421	-1.16729002
##	[393,]	-1.0774954	-0.491006434	-0.61528219
##	[394,]	0.3379811	-0.654231096	-0.61528219
##	[395,]	-2.4929720	0.978015528	1.59274911
##	[396,]	0.3379811	-0.654231096	-0.61528219
##	[397,]	0.3379811	-0.327781771	-0.61528219
##	[398,]	0.3379811	-0.327781771	-0.06327437
##	[399,]	0.3379811	0.978015528	1.86875303
##	[400,]	0.3379811	-0.491006434	-0.61528219
##	[401,]	0.3379811	2.283812828	1.04074129
##	[402,]	-1.0774954	-0.001332446	0.76473737
##	[403,]	0.3379811	-0.327781771	-0.06327437
##	[404,]	0.3379811	0.488341541	0.76473737
##	[405,]	0.3379811	0.488341541	-1.16729002
##	[406,]	0.3379811	-0.817455758	-0.61528219
##	[407,]	0.3379811	-0.327781771	-0.06327437
##	[408,]	-1.0774954	-0.817455758	-0.61528219
##	[409,]	-2.4929720	-0.327781771	-0.61528219
##	[410,]	0.3379811	-0.327781771	-0.06327437
##	[411,]	0.3379811	-0.327781771	-0.06327437
##	[412,]	-2.4929720	3.589610128	1.04074129
##	[413,]	-1.0774954	0.488341541	0.76473737
##	[414,]	1.7534577	-0.164557109	0.21272955
##	[415,]	0.3379811	-0.327781771	-0.33927828
##	[416,]	-1.0774954	-0.817455758	-0.61528219
##	[417,]	0.3379811	-0.980680421	-1.16729002
##	[417,]	0.3379811	2.120588166	2.97276868
	[418,]	-2.4929720	-0.654231096	-0.61528219
##	-			
##	[420,]	-2.4929720	-0.327781771	-0.33927828
##	[421,]	0.3379811	0.488341541	-0.61528219
##	[422,]	1.7534577	-0.817455758	-0.61528219
##	[423,]	1.7534577	-0.980680421	-1.16729002

##	[424,]	0.3379811	0.325116879	1.04074129
##	[425,]	-1.0774954	-0.980680421	-1.16729002
##	[426,]	0.3379811	3.263160803	1.59274911
##	[427,]	-1.0774954	0.651566204	0.76473737
##	[428,]	1.7534577	1.794138841	2.42076085
##	[429,]	0.3379811	-0.327781771	-1.16729002
##	[430,]	-2.4929720	-0.654231096	-0.61528219
##	[431,]	0.3379811	-0.327781771	-0.06327437
##	[432,]	0.3379811	-0.980680421	-1.16729002
##	[433,]	0.3379811	-0.001332446	-0.33927828
			-0.654231096	
##	[434,]	0.3379811		-0.61528219
##	[435,]	1.7534577	0.978015528	1.04074129
##	[436,]	1.7534577	-0.001332446	0.48873346
##	[437,]	0.3379811	-0.491006434	-0.33927828
##	[438,]	0.3379811	-0.654231096	-0.61528219
##	[439,]	0.3379811	0.161892216	0.76473737
##	[440,]	0.3379811	-0.980680421	-1.16729002
##	[441,]	0.3379811	-0.654231096	-0.61528219
##	[442,]	0.3379811	-0.817455758	-0.61528219
##	[443,]	-1.0774954	0.488341541	-0.33927828
##	[444,]	0.3379811	-0.817455758	-0.61528219
##	[445,]	0.3379811	0.325116879	0.76473737
##	[446,]	0.3379811	0.488341541	1.31674520
##	[447,]	0.3379811	1.141240191	-0.33927828
##	[448,]	0.3379811	0.651566204	1.31674520
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##	[449,]	0.3379811	2.120588166	0.48873346
##	[450,]	0.3379811	0.161892216	-0.33927828
##	[451,]	1.7534577	-0.164557109	0.21272955
##	[452,]	-1.0774954	0.488341541	1.31674520
##	[453,]	1.7534577	0.161892216	0.76473737
##	[454,]	-1.0774954	-0.001332446	0.76473737
##	[455,]	1.7534577	-0.654231096	-0.61528219
##	[456,]	0.3379811	-0.164557109	-0.89128611
##	[457,]	-1.0774954	-0.327781771	-0.06327437
##	[458,]	0.3379811	-1.143905083	-1.16729002
##	[459,]	0.3379811	-0.980680421	-1.16729002
##	[460,]	0.3379811	0.161892216	0.76473737
##	[461,]	0.3379811	-1.143905083	-1.16729002
##	[462,]	0.3379811	-0.327781771	-0.06327437
##	[463,]	0.3379811	0.488341541	0.76473737
##	[464,]	-2.4929720	-0.980680421	-1.16729002
##	[465,]	1.7534577	-0.164557109	0.21272955
##	[466,]	-1.0774954	-0.817455758	-0.61528219
##	[467,]	0.3379811	1.794138841	3.24877259
##	[468,]	0.3379811	0.325116879	0.21272955
##	[469,]	0.3379811	0.488341541	1.31674520
##	[470,]	0.3379811	-0.491006434	-0.61528219
##	[471,]	0.3379811	-0.817455758	-0.61528219
##	[472,]	0.3379811	-0.980680421	-1.16729002
##	[473,]	-1.0774954	-0.164557109	0.21272955
##	[474,]	0.3379811	3.916059453	1.31674520
##	[475,]	0.3379811	-0.164557109	0.21272955
##	[476,]	1.7534577	-0.327781771	-0.33927828
##	[477,]	0.3379811	-0.980680421	-1.16729002
	_ ,,			

##	[478,]	0.3379811	4.079284115	0.21272955
##	[479,]	0.3379811	-0.001332446	-0.06327437
##	[480,]	0.3379811	-0.164557109	-0.33927828
##	[481,]	1.7534577	-0.980680421	-1.16729002
##	[482,]	0.3379811	-0.164557109	0.21272955
##	[483,]	-2.4929720	-0.654231096	-0.89128611
##	[484,]	0.3379811	-0.654231096	-0.61528219
##	[485,]	1.7534577	-0.001332446	0.76473737
##	[486,]	-1.0774954	-0.327781771	-0.33927828
##	[487,]	-1.0774954	-0.654231096	-1.16729002
##	[488,]	1.7534577	-0.980680421	-1.16729002
##	[489,]	0.3379811	0.488341541	-0.61528219
##	[490,]	-1.0774954	-0.980680421	-1.16729002
##	[491,]	-1.0774954	-1.143905083	-1.16729002
	-			
##	[492,]	0.3379811	0.161892216	0.76473737
##	[493,]	-2.4929720	-0.654231096	-0.61528219
##	[494,]	1.7534577	-0.817455758	-0.61528219
##	[495,]	0.3379811	0.161892216	-0.61528219
##	[496,]	0.3379811	-0.491006434	-0.33927828
##	[497,]	0.3379811	-0.654231096	-0.61528219
##	[498,]	1.7534577	-0.817455758	-0.61528219
##	[499,]	0.3379811	-0.817455758	-0.61528219
##	[500,]	0.3379811	-0.327781771	-1.16729002
##	[501,]	-1.0774954	-0.164557109	-0.06327437
##	[502,]	0.3379811	-0.980680421	-1.16729002
##	[503,]	1.7534577	1.141240191	0.76473737
##	[504,]	-1.0774954	0.488341541	1.31674520
##	[505,]	0.3379811	-0.980680421	-0.89128611
##	[506,]	0.3379811	-0.654231096	-0.61528219
##	[507,]	0.3379811	0.488341541	0.76473737
##	[508,]	-1.0774954	-0.164557109	-1.16729002
##	[509,]	0.3379811	1.630914178	1.86875303
##	[510,]	-2.4929720	0.978015528	1.86875303
##	[511,]	1.7534577	0.325116879	0.76473737
##	[512,]	0.3379811	-0.654231096	-0.61528219
##	[513,]	0.3379811	-0.491006434	-0.61528219
##	[514,]	0.3379811	-0.980680421	-1.16729002
##	[515,]	0.3379811	0.488341541	1.04074129
##	[516,]	0.3379811	-0.980680421	-1.16729002
##	[517,]	1.7534577	-0.654231096	-0.61528219
##	[518,]	0.3379811	-0.654231096	-0.61528219
##	[519,]	0.3379811	-0.001332446	0.76473737
##	[520,]	0.3379811	0.488341541	0.76473737
##	[521,]	0.3379811	-0.817455758	-0.61528219
##	[522,]	0.3379811	-0.164557109	0.21272955
##	[523,]	0.3379811	-0.980680421	-1.16729002
##	[524,]	0.3379811	2.120588166	1.04074129
##	[525,]	1.7534577	0.161892216	0.76473737
##	[526,]	0.3379811	-0.817455758	-0.61528219
##	[527,]	0.3379811	2.120588166	0.76473737
##	[528,]	-1.0774954	0.488341541	0.76473737
##	[529,]	0.3379811	-0.491006434	-0.33927828
##	[530,]	-1.0774954	0.325116879	0.76473737
##	[531,]	0.3379811	0.325116879	0.76473737

##	[532,]	0.3379811	-0.001332446	0.76473737
##	[533,]	0.3379811	-0.001332446	0.76473737
##	[534,]	0.3379811	1.794138841	2.42076085
##	[535,]	0.3379811	-0.327781771	-0.89128611
##	[536,]	-1.0774954	2.283812828	0.48873346
##	[537,]	0.3379811	-0.817455758	-0.61528219
##	[538,]	-1.0774954	0.325116879	0.76473737
##	[539,]	0.3379811	2.447037491	0.76473737
##	[540,]	0.3379811	-0.817455758	-0.61528219
##	[541,]	0.3379811	-0.001332446	0.76473737
##	[542,]	0.3379811	0.161892216	0.76473737
##	[543,]	1.7534577	-0.980680421	-1.16729002
##	[544,]	0.3379811	-0.327781771	-0.61528219
##	[545,]	-1.0774954	2.447037491	-0.61528219
##	[546,]	-1.0774954	0.161892216	0.76473737
	-			
##	[547,]	0.3379811	-0.980680421	-1.16729002
##	[548,]	0.3379811	-0.817455758	-0.61528219
##	[549,]	0.3379811	-0.817455758	-0.61528219
##	[550,]	0.3379811	-0.327781771	-0.89128611
##	[551,]	1.7534577	-0.491006434	-0.33927828
##	[552,]	-2.4929720	0.161892216	-0.33927828
##	[553,]	-1.0774954	0.488341541	0.76473737
##	[554,]	-1.0774954	-0.491006434	-0.61528219
##	[555,]	-2.4929720	-0.001332446	0.48873346
##	[556,]	0.3379811	-0.817455758	-0.61528219
##	[557,]	0.3379811	-0.817455758	-0.61528219
##	[558,]	1.7534577	-0.980680421	-1.16729002
##	[559,]	0.3379811	0.488341541	1.04074129
##	[560,]	-2.4929720	-0.980680421	-1.16729002
##	[561,]	0.3379811	-1.143905083	-1.16729002
##	[562,]	1.7534577	4.405733440	0.48873346
##	[563,]	-1.0774954	0.488341541	1.31674520
##	[564,]	-1.0774954	-0.164557109	0.21272955
##	[565,]	0.3379811	0.161892216	0.76473737
##	[566,]	0.3379811	-0.817455758	-0.61528219
##	[567,]	0.3379811	-0.327781771	-0.06327437
##	[568,]	0.3379811	-0.164557109	0.21272955
##	[569,]	0.3379811	-0.327781771	-0.61528219
##	[570,]	0.3379811	0.488341541	0.76473737
##	[571,]	0.3379811	-0.491006434	-0.33927828
##	[572,]	0.3379811	-0.817455758	-0.61528219
##	[573,]	-1.0774954	0.161892216	0.76473737
##	[574,]	-1.0774954	-0.491006434	-0.33927828
##	[575,]	0.3379811	-0.491006434	-0.61528219
##	[576,]	0.3379811	-0.327781771	-0.33927828
##	[577,]	0.3379811	-0.491006434	-0.61528219
##	[578,]	-1.0774954	-0.327781771	-0.33927828
##	[579,]	0.3379811	1.304464853	0.76473737
##	[580,]	0.3379811	-0.164557109	0.21272955
##	[581,]	-1.0774954	-0.654231096	-0.61528219
##	[582,]	0.3379811	-0.817455758	-0.61528219
##	[583,]	0.3379811	0.161892216	0.76473737
##	[584,]	0.3379811	-0.654231096	-0.61528219
##	[585,]	-1.0774954	2.773486815	0.76473737
	, _	- · · · · · - ·		

##	[586,]	0.3379811	-1.143905083	-1.16729002
##	[587,]	0.3379811	-0.980680421	-1.16729002
##	[588,]	0.3379811	-0.327781771	-0.61528219
##	[589,]	0.3379811	-0.491006434	-0.33927828
##	[590,]	0.3379811	-0.980680421	-1.16729002
##	[591,]	1.7534577	0.978015528	1.31674520
##	[592,]	0.3379811	-0.654231096	-0.61528219
##	[593,]	-1.0774954	3.099936140	2.69676477
##	[594,]	0.3379811	0.325116879	0.76473737
##	[595,]	0.3379811	0.488341541	0.76473737
##	[596,]	0.3379811	3.916059453	2.97276868
##	[597,]	0.3379811	-0.817455758	-0.61528219
##	[598,]	0.3379811	-0.491006434	-0.33927828
	-			
##	[599,]	-1.0774954	-0.817455758	-0.61528219
##	[600,]	0.3379811	-0.327781771	-0.61528219
##	[601,]	0.3379811	1.141240191	2.42076085
##	[602,]	0.3379811	-0.980680421	-1.16729002
##	[603,]	-1.0774954	-1.143905083	-1.16729002
##	[604,]	0.3379811	-0.980680421	-1.16729002
##	[605,]	-1.0774954	0.325116879	1.04074129
##	[606,]	-1.0774954	-0.491006434	-0.33927828
##	[607,]	0.3379811	-0.327781771	-0.61528219
##	[608,]	1.7534577	0.325116879	1.04074129
##	[609,]	-1.0774954	0.325116879	0.76473737
##	[610,]	0.3379811	-0.491006434	-0.89128611
##	[611,]	0.3379811	0.325116879	1.04074129
##	[612,]	1.7534577	0.161892216	0.21272955
##	[613,]	0.3379811	0.161892216	0.76473737
##	[614,]	-2.4929720	-0.654231096	-0.61528219
##	[615,]	0.3379811	0.161892216	0.76473737
##	[616,]	-1.0774954	-1.143905083	-1.16729002
##	[617,]	-1.0774954	2.120588166	0.48873346
##	[618,]	-1.0774954	-0.327781771	-0.61528219
##	[619,]	-1.0774954	-0.491006434	-0.33927828
##	[620,]	0.3379811	0.325116879	1.04074129
##	[621,]	-1.0774954	-0.164557109	0.21272955
##	[622,]	-1.0774954	1.794138841	2.69676477
##	[623,]	-1.0774954	-0.327781771	-0.61528219
##	[624,]	-1.0774954	-0.327781771	-0.06327437
##	[625,]	0.3379811	-0.327781771	-0.61528219
##	[626,]	0.3379811	-0.327781771	-0.06327437
##	[627,]	-1.0774954	-0.327781771	-0.33927828
##	[628,]	0.3379811	0.325116879	1.04074129
##	[629,]	0.3379811	-0.980680421	-1.16729002
##	[630,]	0.3379811	-0.327781771	-0.89128611
##	[631,]	-2.4929720	-0.817455758	-0.61528219
##	[632,]	-1.0774954	-0.654231096	-0.61528219
##	[633,]	0.3379811	-0.817455758	-0.89128611
##	[634,]	0.3379811	-0.327781771	-0.06327437
##	[635,]	0.3379811	-0.327781771	-0.33927828
##	[636,]	0.3379811	1.630914178	2.69676477
##	[637,]	-1.0774954	0.488341541	-0.61528219
##	[638,]	0.3379811	-0.654231096	-1.16729002
##	[639,]	1.7534577	-0.327781771	-0.61528219
	[555,]	1.,5010,7	J.JL., OIIII	0.01020210

##	[640,]	0.3379811	-0.491006434	-0.61528219
##	[641,]	-1.0774954	-0.327781771	-0.61528219
##	[642,]	0.3379811	0.488341541	1.04074129
##	[643,]	0.3379811	-0.817455758	-0.61528219
##	[644,]	-1.0774954	-0.327781771	-0.33927828
##	[645,]	0.3379811	-0.164557109	-0.06327437
##	[646,]	0.3379811	-0.654231096	-0.61528219
##	[647,]	0.3379811	-0.817455758	-1.16729002
##	[648,]	0.3379811	0.978015528	1.59274911
	[649,]		-0.327781771	-0.06327437
##		0.3379811		
##	[650,]	0.3379811	0.814790866	1.31674520
##	[651,]	-1.0774954	-0.327781771	-0.61528219
##	[652,]	0.3379811	-0.001332446	0.48873346
##	[653,]	0.3379811	0.488341541	-1.16729002
##	[654,]	0.3379811	3.916059453	0.48873346
##	[655,]	0.3379811	-0.327781771	-0.06327437
##	[656,]	1.7534577	-0.491006434	-0.33927828
##	[657,]	-2.4929720	-0.980680421	-1.16729002
##	[658,]	0.3379811	-0.491006434	-0.33927828
##	[659,]	0.3379811	0.161892216	0.76473737
##	[660,]	0.3379811	-0.491006434	-0.61528219
##	[661,]	-1.0774954	-0.980680421	-1.16729002
##	[662,]	1.7534577	-0.980680421	-1.16729002
##	[663,]	-1.0774954	-0.817455758	-0.61528219
##	[664,]	-1.0774954	-0.980680421	-1.16729002
	-			
##	[665,]	-1.0774954	1.467689516	1.04074129
##	[666,]	-1.0774954	-0.654231096	-0.61528219
##	[667,]	1.7534577	-0.654231096	-0.61528219
##	[668,]	-1.0774954	-0.001332446	0.76473737
##	[669,]	0.3379811	-0.817455758	-0.61528219
##	[670,]	-2.4929720	-0.817455758	-0.61528219
##	[671,]	0.3379811	-0.980680421	-0.89128611
##	[672,]	0.3379811	-0.980680421	-1.16729002
##	[673,]	0.3379811	-0.327781771	-0.06327437
##	[674,]	0.3379811	-0.654231096	-0.61528219
##	[675,]	0.3379811	-0.164557109	-1.16729002
##	[676,]	1.7534577	-0.001332446	0.76473737
##	[677,]	-2.4929720	0.488341541	0.48873346
##	[678,]	-1.0774954	3.099936140	1.31674520
##	[679,]	-1.0774954	-1.143905083	-1.16729002
##	[680,]	-1.0774954	0.325116879	1.04074129
##	[681,]	0.3379811	-0.164557109	-0.61528219
				2.14475694
##	[682,]	0.3379811	1.304464853	
##	[683,]	0.3379811	-0.654231096	-1.16729002
##	[684,]	0.3379811	-0.980680421	-1.16729002
##	[685,]	-1.0774954	-0.980680421	-1.16729002
##	[686,]	0.3379811	-0.001332446	0.76473737
##	[687,]	0.3379811	1.794138841	2.42076085
##	[688,]	0.3379811	0.651566204	1.04074129
##	[689,]	1.7534577	-0.980680421	-1.16729002
##	[690,]	0.3379811	-0.980680421	-1.16729002
##	[691,]	-2.4929720	0.325116879	0.76473737
##	[692,]	0.3379811	-0.980680421	-0.89128611
##	[693,]	1.7534577	0.161892216	0.76473737
	, _			

##	[694,]	0.3379811	1.467689516	0.76473737
##	[695,]	0.3379811	-0.327781771	-1.16729002
##	[696,]	-2.4929720	1.141240191	-0.89128611
##	[697,]	-1.0774954	0.325116879	0.76473737
##	[698,]	0.3379811	-0.654231096	-0.89128611
##	[699,]	0.3379811	-0.327781771	-0.61528219
##	[700,]	-1.0774954	0.325116879	1.04074129
##	[701,]	0.3379811	-0.980680421	-1.16729002
##	[702,]	1.7534577	1.630914178	2.42076085
##	[703,]	1.7534577	0.161892216	-0.06327437
##	[704,]	0.3379811	-0.327781771	-0.33927828
##	-		0.488341541	
	[705,]	0.3379811	0.161892216	1.31674520
##	[706,]	0.3379811		0.76473737
##	[707,]	-1.0774954	-0.980680421	-1.16729002
##	[708,]	1.7534577	1.957363503	1.59274911
##	[709,]	0.3379811	-0.001332446	0.76473737
##	[710,]	0.3379811	-0.654231096	-0.61528219
##	[711,]	0.3379811	0.488341541	1.04074129
##	[712,]	0.3379811	-1.143905083	-1.16729002
##	[713,]	0.3379811	-0.654231096	-0.61528219
##	[714,]	0.3379811	-0.327781771	-0.33927828
##	[715,]	-1.0774954	-0.327781771	-0.06327437
##	[716,]	0.3379811	-0.164557109	0.21272955
##	[717,]	1.7534577	1.794138841	3.24877259
##	[718,]	0.3379811	-0.817455758	-0.61528219
##	[719,]	0.3379811	0.325116879	1.04074129
##	[720,]	0.3379811	0.325116879	-1.16729002
##	[721,]	0.3379811	-0.327781771	-0.61528219
##	[722,]	0.3379811	0.814790866	1.86875303
##	[723,]	-1.0774954	-0.817455758	-0.89128611
##	[724,]	0.3379811	0.161892216	0.76473737
##	[725,]	0.3379811	-0.491006434	-0.61528219
##	[726,]	-2.4929720	-0.491006434	-0.61528219
##	[727,]	0.3379811	-0.491006434	-0.33927828
##	[728,]	0.3379811	-1.143905083	-1.16729002
##	[729,]	0.3379811	0.488341541	0.76473737
##	[730,]	-1.0774954	1.467689516	1.59274911
##	[731,]	-1.0774954	0.161892216	0.76473737
##	[732,]	0.3379811	-0.980680421	-1.16729002
##	[733,]	0.3379811	-0.654231096	-0.61528219
##	[734,]	0.3379811	0.161892216	0.76473737
##	[735,]	-1.0774954	-0.491006434	-0.33927828
##	[736,]	0.3379811	-0.817455758	-0.61528219
##	[737,]	0.3379811	1.304464853	1.86875303
##	[738,]	0.3379811	-0.817455758	-0.61528219
##	[739,]	0.3379811	2.283812828	0.48873346
##	[740,]	0.3379811	-0.654231096	-0.61528219
##	[741,]	-1.0774954	-0.654231096	-0.61528219
##	[742,]	1.7534577	-0.980680421	-1.16729002
##	[743,]	0.3379811	-0.980680421	-1.16729002
##	[744,]	0.3379811	-0.327781771	-0.33927828
##	[745,]	-2.4929720	-0.980680421	-1.16729002
##	[746,]	0.3379811	0.161892216	0.76473737
##	[747,]	0.3379811	2.283812828	3.24877259
	L: 11, J	0.0075011	2.200012020	0.24011200

##	[748,]	0.3379811	-0.980680421	-1.16729002
##	[749,]	0.3379811	-0.817455758	-0.61528219
##	[750,]	0.3379811	4.079284115	2.69676477
##	[751,]	0.3379811	0.814790866	1.86875303
##	[752,]	0.3379811	1.794138841	0.76473737
##	[753,]	0.3379811	1.630914178	2.42076085
##	[754,]	0.3379811	2.283812828	0.48873346
##	[755,]	-1.0774954	-0.817455758	-0.61528219
##	[756,]	1.7534577	0.325116879	-0.33927828
##	[757,]	0.3379811	0.161892216	0.76473737
##	[758,]	-1.0774954	1.304464853	-0.89128611
##	[759,]	-2.4929720	-0.164557109	-0.06327437
##	[760,]	0.3379811	-0.164557109	-0.33927828
##	[761,]	0.3379811	1.304464853	0.76473737
##	[762,]	-1.0774954	-0.980680421	-1.16729002
##	[763,]	0.3379811	-0.654231096	-0.61528219
##	[764,]	0.3379811	-0.980680421	-0.89128611
##	[765,]	0.3379811	-0.980680421	-1.16729002
##	[766,]	0.3379811	-0.817455758	-0.61528219
##	[767,]	-1.0774954	0.161892216	-0.89128611
##	[768,]	-1.0774954	-0.491006434	-0.33927828
##	-		-0.001332446	0.76473737
	[769,]	-1.0774954		
##	[770,]	0.3379811	-0.327781771	-0.33927828
##	[771,]	0.3379811	-0.817455758	-0.61528219
##	[772,]	0.3379811	0.325116879	-0.06327437
##	[773,]	0.3379811	-0.327781771	-0.06327437
##	[774,]	-1.0774954	1.141240191	1.04074129
##	[775,]	1.7534577	0.325116879	0.76473737
##	[776,]	0.3379811	-0.980680421	-1.16729002
##	[777,]	0.3379811	-0.817455758	-0.61528219
##	[778,]	-1.0774954	-0.980680421	-1.16729002
##	[779,]	0.3379811	1.467689516	2.42076085
##	[780,]	1.7534577	0.488341541	-1.16729002
##	[781,]	-1.0774954	0.488341541	0.76473737
##	[782,]	0.3379811	-0.327781771	-0.33927828
##	[783,]	-1.0774954	-0.164557109	-0.61528219
##	[784,]	0.3379811	0.488341541	0.48873346
##	[785,]	-1.0774954	1.957363503	1.31674520
			0.651566204	1.59274911
##	[786,]	0.3379811		
##	[787,]	0.3379811	-0.654231096	-0.61528219
##	[788,]	0.3379811	-0.654231096	-0.61528219
##	[789,]	1.7534577	0.161892216	0.76473737
##	[790,]	0.3379811	2.120588166	0.48873346
##	[791,]	0.3379811	-0.654231096	-0.61528219
##	[792,]	0.3379811	0.161892216	0.76473737
##	[793,]	0.3379811	0.978015528	0.76473737
##	[794,]	-1.0774954	-0.491006434	-0.61528219
##	[795,]	-1.0774954	-0.164557109	-0.61528219
##	[796,]	0.3379811	-0.980680421	-1.16729002
##	[797,]	1.7534577	-0.001332446	0.76473737
##	[798,]	-1.0774954	-0.980680421	-0.89128611
##	[799,]	0.3379811	-0.817455758	-0.61528219
##	[800,]	0.3379811	2.447037491	0.48873346
##	[801,]	0.3379811	-0.980680421	-1.16729002
##	[001,]	0.3313011	0.300000421	1.10/29002

##	[802,]	0.3379811	-1.143905083	-1.16729002
##	[803,]	0.3379811	-0.654231096	-0.61528219
##	[804,]	0.3379811	-1.143905083	-1.16729002
##	[805,]	-1.0774954	-0.327781771	-0.06327437
##	[806,]	0.3379811	1.304464853	1.59274911
##	[807,]	0.3379811	0.161892216	0.48873346
##	[808,]	0.3379811	0.161892216	0.76473737
##	[809,]	0.3379811	-0.001332446	0.21272955
##	[810,]	-1.0774954	0.325116879	0.76473737
##	[811,]	0.3379811	0.814790866	1.31674520
##	[812,]	0.3379811	-0.980680421	-1.16729002
##	[813,]	0.3379811	0.161892216	0.76473737
##	[814,]	0.3379811	1.794138841	0.76473737
##	[815,]	1.7534577	2.120588166	0.76473737
##	[816,]	1.7534577	-0.817455758	-0.61528219
##	[817,]	-1.0774954	-0.327781771	-0.06327437
##	[818,]	0.3379811	0.651566204	1.31674520
##	[819,]	0.3379811	-0.817455758	-0.61528219
##	[820,]	-2.4929720	-0.327781771	-0.33927828
##	[821,]	0.3379811	-0.327781771	-0.61528219
##	[822,]	0.3379811	0.325116879	1.04074129
##	[823,]	-1.0774954	-0.654231096	-0.61528219
##	[824,]	-1.0774954	-0.001332446	0.21272955
##	[825,]	0.3379811	-0.980680421	-1.16729002
##	[826,]	-1.0774954	0.488341541	0.76473737
##	[827,]	1.7534577	-0.001332446	0.48873346
##	[828,]	0.3379811	-0.654231096	-0.89128611
##	[829,]	0.3379811	-1.143905083	-1.16729002
##	[830,]	0.3379811	-0.327781771	-0.61528219
##	[831,]	0.3379811	-0.980680421	-1.16729002
##	[832,]	-1.0774954	-0.817455758	-0.61528219
##	[833,]	0.3379811	-0.164557109	-0.61528219
##	[834,]	0.3379811	-0.491006434	-0.61528219
##	[835,]	-1.0774954	-0.164557109	0.21272955
##	[836,]	-2.4929720	-0.327781771	-0.06327437
##	[837,]	-2.4929720	0.651566204	1.04074129
##	[838,]	-1.0774954	1.794138841	0.76473737
##	[839,]	-1.0774954	2.283812828	1.31674520
			-0.164557109	-0.06327437
##	[840,] [841,]	1.7534577 0.3379811		
##	-		0.161892216 -0.491006434	-1.16729002
##	[842,]	0.3379811		-0.33927828
##	[843,]	-1.0774954	-0.980680421	-0.89128611
##	[844,]	0.3379811	0.161892216	0.76473737
##	[845,]	0.3379811	0.488341541	-0.33927828
##	[846,]	-2.4929720	-0.980680421	-0.89128611
##	[847,]	1.7534577	-0.001332446	0.76473737
##	[848,]	0.3379811	0.978015528	1.31674520
##	[849,]	1.7534577	-0.817455758	-0.61528219
##	[850,]	-1.0774954	-0.491006434	-0.33927828
##	[851,]	0.3379811	-0.980680421	-1.16729002
##	[852,]	0.3379811	-0.327781771	-0.61528219
##	[853,]	0.3379811	0.488341541	1.04074129
##	[854,]	0.3379811	-0.980680421	-0.89128611
##	[855,]	-1.0774954	-0.654231096	-0.61528219

##	[856,]	-1.0774954	1.141240191	1.04074129
##	[857,]	-1.0774954	-0.817455758	-0.61528219
	[858,]		-0.164557109	-0.06327437
##		0.3379811		
##	[859,]	0.3379811	-0.001332446	0.76473737
##	[860,]	-1.0774954	-0.327781771	-0.06327437
##	[861,]	0.3379811	-1.143905083	-1.16729002
##	[862,]	0.3379811	3.099936140	2.97276868
##	[863,]	0.3379811	-1.143905083	-1.16729002
##	[864,]	0.3379811	-0.327781771	-0.06327437
##	[865,]	-2.4929720	-0.980680421	-1.16729002
##	[866,]	0.3379811	-0.491006434	-0.33927828
##	[867,]	0.3379811	-1.143905083	-1.16729002
##	[868,]	0.3379811	-0.817455758	-0.61528219
##	[869,]	0.3379811	-0.164557109	0.21272955
##	[870,]	0.3379811	-0.491006434	-0.61528219
##	[871,]	0.3379811	-0.001332446	0.76473737
##	[872,]	-2.4929720	-0.980680421	-1.16729002
##	[873,]	-1.0774954	0.488341541	0.76473737
##	[874,]	0.3379811	-0.001332446	0.76473737
##	[875,]	-1.0774954	0.488341541	0.76473737
##	[876,]	0.3379811	2.120588166	1.86875303
##	[877,]	0.3379811	-0.817455758	-0.89128611
##	[878,]	-1.0774954	-0.164557109	-0.33927828
##	[879,]	1.7534577	-0.491006434	-0.33927828
##	[880,]	0.3379811	0.651566204	0.76473737
##	[881,]	0.3379811	-0.817455758	-0.61528219
##	[882,]	0.3379811	0.161892216	0.76473737
##	[883,]	0.3379811	-0.001332446	0.76473737
##	[884,]	0.3379811	1.141240191	1.59274911
##	[885,]	1.7534577	-0.327781771	-0.89128611
##	[886,]	0.3379811	-0.491006434	-0.33927828
##	[887,]	0.3379811	0.651566204	1.31674520
##	[888,]	0.3379811	-0.980680421	-1.16729002
##	[889,]	-1.0774954	0.978015528	-0.61528219
##	[890,]	-1.0774954	0.325116879	0.76473737
##	[891,]	-2.4929720	-0.327781771	-0.06327437
##	[892,]	0.3379811	0.488341541	0.21272955
##	[893,]	1.7534577	-0.980680421	-0.89128611
##	[894,]	0.3379811	-0.654231096	-0.61528219
##	[895,]	0.3379811	0.488341541	1.31674520
##	[896,]	-1.0774954	-0.164557109	0.21272955
##	[897,]	0.3379811	0.488341541	1.31674520
##	[898,]	0.3379811	-0.164557109	-0.89128611
##	[899,]	0.3379811	0.161892216	0.76473737
##	[900,]	1.7534577	-0.980680421	-1.16729002
##	[901,]	-1.0774954	0.651566204	1.59274911
##	[902,]	-1.0774954	-0.980680421	-1.16729002
##	[903,]	0.3379811	-0.327781771	-0.33927828
##	[904,]	0.3379811	-0.164557109	-1.16729002
##	[905,]	1.7534577	-0.980680421	-1.16729002
##	[906,]	-1.0774954	-0.001332446	0.76473737
##	[907,]	-1.0774954	-0.980680421	-1.16729002
##	[908,]	0.3379811	2.447037491	1.31674520
##	[909,]	0.3379811	0.325116879	1.04074129
πĦ	[303,]	0.3313011	0.525110019	1.04014129

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##	[910,]	0.3379811	-0.980680421	-1.16729002
##	[911,]	0.3379811	-0.980680421	-1.16729002
##	[912,]	0.3379811	-0.980680421	-1.16729002
##	[913,]	-1.0774954	0.161892216	0.21272955
##	[914,]	0.3379811	2.773486815	1.59274911
##	[915,]	0.3379811	4.242508778	1.31674520
##	[916,]	-2.4929720	-0.817455758	-0.61528219
##	[917,]	0.3379811	0.651566204	-0.06327437
##	[918,]	0.3379811	-0.654231096	-0.61528219
##	[919,]	-1.0774954	3.589610128	1.59274911
##	[920,]	-1.0774954	0.325116879	0.76473737
##	[921,]	1.7534577	0.651566204	1.04074129
##	[922,]	-1.0774954	-0.491006434	-0.61528219
##	[923,]	-1.0774954	2.936711478	1.31674520
##	[924,]	1.7534577	0.488341541	1.31674520
##	[925,]	0.3379811	-0.654231096	-0.61528219
##	[926,]	0.3379811	-0.980680421	-1.16729002
##	[927,]	1.7534577	2.283812828	0.76473737
##	[928,]	0.3379811	1.467689516	2.69676477
##	[929,]	0.3379811	0.488341541	0.76473737
##	[930,]	0.3379811	-0.817455758	-0.61528219
##	[931,]	-1.0774954	-0.001332446	-1.16729002
##	[932,]	0.3379811	0.161892216	-0.06327437
##	[933,]	0.3379811	-0.001332446	0.76473737
##	[934,]	-1.0774954	-0.654231096	-0.61528219
##	[935,]	-1.0774954	-0.817455758	-0.61528219
##	[936,]	1.7534577	0.488341541	0.76473737
##	[937,]	0.3379811	-1.143905083	-1.16729002
##	[938,]	0.3379811	1.957363503	1.31674520
##	[939,]	0.3379811	-0.817455758	-0.61528219
##	[940,]	0.3379811	0.488341541	-0.06327437
##	[941,]	0.3379811	-0.327781771	-0.61528219
##	[942,]	0.3379811	0.325116879	-0.61528219
##	[943,]	0.3379811	-0.001332446	0.76473737
##	[944,]	1.7534577	-0.001332446	0.48873346
##	[945,]	0.3379811	0.325116879	1.04074129
##	[946,]	0.3379811	-0.654231096	-0.61528219
##	[947,]	0.3379811	-0.327781771	-0.06327437
##	[948,]	-1.0774954	0.161892216	0.76473737
##	[949,]	0.3379811	0.325116879	-0.89128611
##	[950,]	0.3379811	0.161892216	0.76473737
##	[951,]	-1.0774954	0.488341541	1.04074129
##	[952,]	0.3379811	1.957363503	-0.61528219
##	[953,]	1.7534577	-0.654231096	-0.61528219
##	[954,]	1.7534577	-0.654231096	-0.61528219
##	[955,]	-1.0774954	2.120588166	1.04074129
##	[956,]	0.3379811	1.957363503	1.31674520
##	[957,]	0.3379811	-0.001332446	-0.33927828
##	[958,]	0.3379811	-0.491006434	-0.61528219
##	[959,]	-1.0774954	0.325116879	0.76473737
##	[960,]	0.3379811	0.325116879	1.04074129
##	[961,]	0.3379811	0.325116879	-0.33927828
##	[962,]	0.3379811	0.325116879	0.48873346
##	[963,]	0.3379811	4.242508778	1.31674520
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##	[964,]	0.3379811	-0.001332446	0.76473737
##	[965,]	1.7534577	0.488341541	1.04074129
##	[966,]	-1.0774954	-0.654231096	-0.61528219
##	[967,]	-1.0774954	0.488341541	1.31674520
##	[968,]	0.3379811	-0.491006434	-0.61528219
##	[969,]	-1.0774954	1.304464853	0.76473737
##	[970,]	0.3379811	0.488341541	1.31674520
##	[971,]	0.3379811	-0.980680421	-1.16729002
##	[972,]	-1.0774954	-0.327781771	-0.61528219
##	[973,]	1.7534577	-1.143905083	-1.16729002
##	[974,]	0.3379811	0.325116879	0.76473737
##	[975,]	0.3379811	-0.164557109	-0.61528219
##	[976,]	-1.0774954	1.957363503	0.76473737
##	[977,]	0.3379811	1.957363503	3.24877259
##	[978,]	0.3379811	-0.327781771	-0.06327437
##	[979,]	0.3379811	0.814790866	1.86875303
##	[980,]	0.3379811	0.161892216	0.76473737
##	[981,]	1.7534577	-0.980680421	-1.16729002
##	[982,]	-1.0774954	-0.491006434	-0.61528219
##	[983,]	0.3379811	-0.491006434	-0.61528219
##	[984,]	1.7534577	1.141240191	1.86875303
##	[985,]	0.3379811	-0.327781771	-0.33927828
##	[986,]	-1.0774954	0.488341541	-0.61528219
##	[987,]	1.7534577	-0.327781771	-0.06327437
##	[988,]	0.3379811	-0.491006434	-0.61528219
##	[989,]	-1.0774954	-0.164557109	-0.61528219
##	[990,]	0.3379811	-0.164557109	-0.06327437
##	[991,]	1.7534577	-0.327781771	-0.06327437
##	[992,]	-1.0774954	-0.654231096	-0.61528219
##	[993,]	0.3379811	-0.164557109	-0.06327437
##	[994,]	-1.0774954	-0.654231096	-0.61528219
##	[995,]	-1.0774954	-0.327781771	-0.33927828
##	[996,]	-2.4929720	2.120588166	0.76473737
##	[997,]	0.3379811	-0.164557109	-0.61528219
##	[998,]	0.3379811	0.161892216	-0.61528219
##	[999,]	0.3379811	-0.491006434	-0.33927828
##	[1000,]	0.3379811	2.120588166	0.76473737
##	[1001,]	-2.4929720	-0.327781771	-0.06327437
##	[1002,]	0.3379811	-0.654231096	-0.61528219
##	[1003,]	0.3379811	-0.817455758	-0.61528219
##	[1004,]	-1.0774954	-0.654231096	-0.61528219
##	[1005,]	0.3379811	-0.001332446	0.76473737
##	[1006,]	-1.0774954	0.488341541	1.31674520
##	[1007,]	0.3379811	-0.491006434	-0.33927828
##	[1008,]	0.3379811	0.161892216	0.76473737
##	[1009,]	-1.0774954	2.120588166	0.76473737
##	[1010,]	0.3379811	0.325116879	1.04074129
##	[1011,]	1.7534577	-0.001332446	0.76473737
##	[1012,]	0.3379811	-0.327781771	-0.06327437
##	[1013,]	0.3379811	-0.980680421	-1.16729002
##	[1014,]	0.3379811	-0.654231096	-0.61528219
##	[1015,]	1.7534577	-0.654231096	-0.61528219
##	[1016,]	0.3379811	-0.491006434	-0.33927828
##	[1017,]	1.7534577	-0.980680421	-1.16729002
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##	[1018,]	1.7534577	-0.327781771	-1.16729002
##	[1019,]	-1.0774954	0.488341541	-0.06327437
##	[1020,]	-1.0774954	-0.654231096	-0.61528219
##	[1021,]	-1.0774954	-0.164557109	0.21272955
##	[1022,]	0.3379811	-0.654231096	-0.61528219
##	[1023,]	-2.4929720	-0.164557109	0.21272955
##	[1024,]	1.7534577	-0.654231096	-0.61528219
##	[1025,]	1.7534577	2.120588166	3.52477651
##	[1026,]	0.3379811	-0.327781771	-0.06327437
##	[1027,]	-1.0774954	-0.491006434	-0.33927828
##	[1028,]	-1.0774954	-0.327781771	-0.06327437
##	[1029,]	-1.0774954	-0.491006434	-0.61528219
##	[1030,]	1.7534577	0.161892216	0.76473737
##	[1031,]	0.3379811	0.978015528	0.76473737
##	[1032,]	1.7534577	-0.001332446	0.76473737
##	[1032,]	1.7534577	-0.980680421	-1.16729002
##	[1034,]	0.3379811	0.488341541	1.04074129
	-			0.76473737
##	[1035,]	0.3379811	-0.001332446	
##	[1036,]	0.3379811	-0.654231096	-0.61528219
##	[1037,]	-2.4929720	-0.817455758	-0.61528219
##	[1038,]	1.7534577	-0.654231096	-0.89128611
##	[1039,]	0.3379811	-0.817455758	-0.61528219
##	[1040,]	0.3379811	-0.817455758	-0.61528219
##	[1041,]	0.3379811	0.325116879	1.04074129
##	[1042,]	0.3379811	-0.327781771	-0.06327437
##	[1043,]	0.3379811	-0.327781771	-0.61528219
##	[1044,]	-1.0774954	0.325116879	1.04074129
##	[1045,]	-1.0774954	-0.654231096	-0.61528219
##	[1046,]	1.7534577	-0.654231096	-0.89128611
##	[1047,]	-1.0774954	-0.327781771	-0.61528219
##	[1048,]	0.3379811	-0.491006434	-0.33927828
##	[1049,]	0.3379811	0.978015528	1.31674520
##	[1050,]	-1.0774954	-0.817455758	-0.89128611
##	[1051,]	0.3379811	0.814790866	1.31674520
##	[1052,]	-1.0774954	-0.980680421	-1.16729002
##	[1053,]	-1.0774954	-0.980680421	-1.16729002
##	[1054,]	-1.0774954	0.814790866	1.31674520
##	[1055,]	0.3379811	0.161892216	0.76473737
##	[1056,]	-1.0774954	1.141240191	1.04074129
##	[1057,]	1.7534577	-0.654231096	-0.61528219
##	[1058,]	-2.4929720	-0.327781771	-0.33927828
##	[1059,]	1.7534577	1.304464853	1.31674520
##	[1060,]	0.3379811	-0.980680421	-1.16729002
##	[1061,]	-1.0774954	-1.143905083	-1.16729002
##	[1062,]	0.3379811	-0.980680421	-1.16729002
##	[1063,]	-1.0774954	-0.817455758	-0.61528219
##	[1064,]	0.3379811	0.488341541	0.76473737
##	[1065,]	1.7534577	-0.327781771	-0.33927828
##	[1066,]	0.3379811	-0.654231096	-0.61528219
##	[1067,]	0.3379811	-0.327781771	-0.06327437
##	[1068,]	-1.0774954	-0.327781771	-0.06327437
##	[1069,]	-1.0774954	-1.143905083	-1.16729002
##	[1070,]	-2.4929720	-0.980680421	-1.16729002
##	[1071,]	0.3379811	-0.491006434	-0.61528219
	,_	2.23.0021		

54000 3		0 051001000	0.04500040
## [1072,]	0.3379811	-0.654231096	-0.61528219
## [1073,]	0.3379811	-0.654231096	-0.61528219
## [1074,] -	-1.0774954	0.161892216	0.48873346
## [1075,]	0.3379811	-1.143905083	-1.16729002
## [1076,]	1.7534577	-0.327781771	-0.61528219
## [1077,]	0.3379811	1.141240191	1.31674520
## [1078,]	-2.4929720	0.325116879	0.76473737
## [1079,]	1.7534577	2.120588166	0.48873346
## [1080,]	0.3379811	-0.817455758	-1.16729002
## [1081,]	1.7534577	0.978015528	2.14475694
## [1082,]	-2.4929720	0.651566204	1.04074129
## [1083,]	0.3379811	-0.491006434	-0.33927828
## [1084,]	-2.4929720	-0.327781771	-0.06327437
## [1085,]	0.3379811	0.488341541	1.31674520
## [1086,]	-2.4929720	-0.001332446	-0.61528219
## [1087,]	0.3379811	4.079284115	0.48873346
## [1087,]	0.3379811	0.651566204	1.59274911
## [1089,]	0.3379811	-0.980680421	-1.16729002
## [1089,] ## [1090,]	0.3379811	0.488341541	1.04074129
## [1091,]	0.3379811	-0.001332446	0.76473737
## [1092,]	0.3379811	-0.327781771	-0.33927828
## [1093,]	0.3379811	-0.327781771	-0.06327437
## [1094,]	-2.4929720	2.120588166	1.04074129
## [1095,]	1.7534577	0.161892216	-0.06327437
## [1096,]	0.3379811	1.304464853	2.69676477
## [1097,]	0.3379811	2.283812828	0.76473737
## [1098,]	0.3379811	-0.980680421	-0.89128611
## [1099,]	0.3379811	-0.817455758	-0.61528219
## [1100,]	0.3379811	0.488341541	1.04074129
## [1101,]	0.3379811	-0.327781771	-0.33927828
## [1102,]	0.3379811	-0.001332446	-0.89128611
## [1103,]	-1.0774954	-0.654231096	-0.61528219
## [1104,]	0.3379811	0.161892216	0.76473737
## [1105,]	-1.0774954	-0.980680421	-1.16729002
## [1106,]	-2.4929720	-0.817455758	-0.61528219
## [1107,]	0.3379811	0.488341541	1.04074129
## [1108,]	0.3379811	-0.164557109	-0.33927828
## [1109,]	0.3379811	-0.654231096	-1.16729002
## [1110,]	0.3379811	-0.491006434	-0.61528219
## [1111,]	0.3379811	-0.980680421	-1.16729002
## [1112,]	0.3379811	4.242508778	0.76473737
## [1113,]	0.3379811	-0.327781771	-0.61528219
## [1114,]	-1.0774954	-0.164557109	0.21272955
## [1115,]	-1.0774954	0.161892216	-0.61528219
## [1116,]	-2.4929720	-0.980680421	-1.16729002
## [1117,]	0.3379811	4.732182765	0.48873346
## [1118,]	-1.0774954	-0.817455758	-0.61528219
## [1119,]	0.3379811	-0.980680421	-1.16729002
## [1119,] ## [1120,]	0.3379811	0.325116879	1.04074129
## [1120,] ## [1121,]	1.7534577	-0.654231096	-0.61528219
## [1121,] ## [1122,]	0.3379811	-0.980680421	-1.16729002
## [1122,] ## [1123,]	0.3379811	0.488341541	1.31674520
		-0.327781771	-0.61528219
_ ,_	0.3379811		
## [1125,]	0.3379811	-0.001332446	0.48873346

##	[1126,]	1.7534577	-0.164557109	-0.06327437
##	[1127,]	0.3379811	-0.980680421	-1.16729002
##	[1128,]	0.3379811	-0.817455758	-0.61528219
##	[1129,]	0.3379811	-0.654231096	-0.61528219
##	[1130,]	0.3379811	-0.980680421	-1.16729002
##	[1131,]	-1.0774954	0.488341541	1.31674520
##	[1132,]	-1.0774954	0.161892216	-0.61528219
##	[1133,]	0.3379811	-0.327781771	-0.06327437
##	[1134,]	0.3379811	-0.164557109	-0.06327437
##	[1135,]	-1.0774954	-0.980680421	-1.16729002
##	[1136,]	-2.4929720	3.099936140	-1.16729002
##	[1137,]	0.3379811	-0.980680421	-0.89128611
##	[1138,]	-1.0774954	-0.491006434	-0.61528219
##	[1139,]	0.3379811	3.752834790	1.04074129
##	[1140,]	0.3379811	-0.654231096	-0.61528219
##	[1141,]	-1.0774954	2.447037491	0.76473737
##	[1142,]	-1.0774954	-0.164557109	-0.06327437
##	[1143,]	0.3379811	0.488341541	0.76473737
##	[1144,]	0.3379811	0.488341541	0.76473737
##	[1145,]	0.3379811	-0.327781771	-0.61528219
##	[1146,]	0.3379811	-0.654231096	-0.61528219
##	[1147,]	0.3379811	0.325116879	0.76473737
##	[1148,]	-1.0774954	0.325116879	0.48873346
##	[1149,]	0.3379811	-0.001332446	0.76473737
##	[1150,]	0.3379811	-0.001332446	0.76473737
##	[1151,]	0.3379811	1.467689516	2.97276868
##	[1152,]	-1.0774954	-0.327781771	-0.33927828
##	[1153,]	0.3379811	-0.817455758	-0.61528219
##	[1154,]	1.7534577	-1.143905083	-1.16729002
##	[1155,]	0.3379811	-0.327781771	-0.61528219
##	[1156,]	0.3379811	0.488341541	1.04074129
##	[1157,]	0.3379811	1.794138841	2.97276868
##	[1158,]	0.3379811	1.141240191	1.86875303
##	[1159,]	-1.0774954	-0.491006434	-0.33927828
##	[1160,]	-2.4929720	0.325116879	-0.61528219
##	[1161,]	0.3379811	0.488341541	0.76473737
##	[1162,]	1.7534577	-0.327781771	-0.06327437
##	[1163,]	0.3379811	0.978015528	2.14475694
##	[1164,]	-2.4929720	0.161892216	-0.06327437
##	[1165,]	-1.0774954	-0.491006434	-0.61528219
##	[1166,]	0.3379811	0.488341541	0.76473737
##	[1167,]	0.3379811	-0.817455758	-0.61528219
##	[1168,]	-1.0774954	-0.817455758	-0.61528219
##	[1169,]	0.3379811	-0.164557109	-0.33927828
##	[1170,]	0.3379811	-0.654231096	-0.61528219
##	[1170,]	-1.0774954	-0.491006434	-0.61528219
	-		-0.491006434	
## ##	[1172,] [1173,]	-2.4929720 0.3379811	-0.327781771	-0.61528219 -0.61528219
	-		-0.654231096	
##	[1174,]	0.3379811		-0.61528219
##	[1175,]	0.3379811	-0.001332446	0.76473737
##	[1176,]	0.3379811	-0.327781771	-0.06327437
##	[1177,]	0.3379811	-0.491006434	-0.61528219
##	[1178,]	0.3379811	1.141240191	1.86875303
##	[1179,]	0.3379811	-0.817455758	-0.61528219

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##	[1180,]	0.3379811	0.651566204	1.04074129
##	[1181,]	0.3379811	-0.491006434	-0.33927828
##	[1182,]	0.3379811	1.304464853	1.86875303
##	[1183,]	0.3379811	-0.654231096	-0.61528219
##	[1184,]	0.3379811	-0.327781771	-0.06327437
##	[1185,]	0.3379811	0.488341541	1.04074129
##	[1186,]	0.3379811	1.141240191	1.59274911
##	[1187,]	1.7534577	0.651566204	1.31674520
##	[1188,]	1.7534577	0.978015528	1.86875303
##	[1189,]	-1.0774954	0.488341541	-1.16729002
##	[1190,]	0.3379811	-0.164557109	-0.61528219
##	[1191,]	-1.0774954	0.325116879	0.21272955
##	[1192,]	0.3379811	0.488341541	-1.16729002
##	[1193,]	-1.0774954	-0.817455758	-0.61528219
##	[1194,]	0.3379811	-0.491006434	-0.33927828
##	[1195,]	0.3379811	-0.654231096	-0.61528219
##	[1196,]	0.3379811	0.161892216	0.76473737
##	[1197,]	0.3379811	-0.817455758	-1.16729002
##	[1198,]	0.3379811	-0.817455758	-0.61528219
##	[1199,]	0.3379811	-0.164557109	0.21272955
##	[1200,]	-1.0774954	-0.654231096	-0.61528219
##	[1201,]	0.3379811	-0.817455758	-0.61528219
##	[1202,]	0.3379811	-0.327781771	-0.06327437
##	[1203,]	-1.0774954	-1.143905083	-1.16729002
##	[1204,]	0.3379811	-0.491006434	-0.33927828
##	[1205,]	0.3379811	0.325116879	0.76473737
##	[1206,]	0.3379811	-0.980680421	-1.16729002
##	[1207,]	0.3379811	-0.001332446	0.76473737
##	[1208,]	0.3379811	-0.491006434	-0.61528219
##	[1209,]	1.7534577	1.304464853	1.59274911
##	[1210,]	1.7534577	-0.980680421	-1.16729002
##	[1211,]	0.3379811	1.141240191	1.86875303
##	[1212,]	-1.0774954	-0.164557109	-0.33927828
##	[1213,]	0.3379811	0.488341541	1.31674520
##	[1214,]	0.3379811	-0.654231096	-0.61528219
##	[1215,]	0.3379811	0.161892216	0.76473737
##	[1216,]	1.7534577	-0.327781771	-0.06327437
##	[1217,]	0.3379811	0.488341541	1.31674520
##	[1218,]	0.3379811	-0.327781771	-0.33927828
##	[1219,]	0.3379811	0.488341541	1.04074129
##	[1220,]	0.3379811	-0.327781771	-0.33927828
##	[1221,]	-1.0774954	0.978015528	0.76473737
##	[1222,]	-1.0774954	2.610262153	2.97276868
##	[1223,]	0.3379811	-0.980680421	-1.16729002
##	[1224,]	-2.4929720	2.610262153	0.21272955
##	[1224,]	1.7534577	-0.654231096	-0.61528219
	[1226,]		2.283812828	
## ##	[1226,]	0.3379811 -1.0774954	-0.327781771	0.48873346 -0.61528219
	-			
##	[1228,]	1.7534577	-0.327781771	-0.61528219
##	[1229,]	0.3379811	-0.654231096	-0.61528219
##	[1230,]	0.3379811	-0.980680421	-1.16729002
##	[1231,]	1.7534577	-0.164557109	-0.61528219
##	[1232,]	0.3379811	0.488341541	0.76473737
##	[1233,]	0.3379811	-0.001332446	0.76473737

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##	[1234,]	-1.0774954	0.488341541	-1.16729002
##	[1235,]	-2.4929720	-0.980680421	-1.16729002
##	[1236,]	-1.0774954	0.488341541	0.48873346
##	[1237,]	0.3379811	-0.817455758	-0.61528219
##	[1238,]	0.3379811	-1.143905083	-1.16729002
##	[1239,]	-2.4929720	-0.654231096	-0.61528219
##	[1240,]	-1.0774954	-0.327781771	-0.06327437
##	[1241,]	0.3379811	0.325116879	1.04074129
##	[1242,]	-2.4929720	-0.491006434	-0.33927828
##	[1243,]	-1.0774954	2.283812828	1.04074129
	-			
##	[1244,]	1.7534577	-0.327781771	-1.16729002
##	[1245,]	0.3379811	0.325116879	0.76473737
##	[1246,]	0.3379811	-0.817455758	-0.61528219
##	[1247,]	-1.0774954	-0.491006434	-0.61528219
##	[1248,]	0.3379811	-0.327781771	-0.61528219
##	[1249,]	-1.0774954	-0.164557109	-0.61528219
##	[1250,]	0.3379811	-0.817455758	-0.61528219
##	[1251,]	1.7534577	-0.654231096	-0.61528219
##	[1252,]	0.3379811	-0.001332446	0.76473737
##	[1253,]	0.3379811	-0.327781771	-1.16729002
##	[1254,]	-1.0774954	0.651566204	0.76473737
##	[1255,]	1.7534577	-0.327781771	-0.89128611
##	[1256,]	-1.0774954	-1.143905083	-1.16729002
##	[1257,]	-1.0774954	-0.164557109	-0.89128611
##	[1258,]	0.3379811	-0.980680421	-1.16729002
	-			
##	[1259,]	0.3379811	-0.980680421	-1.16729002
##	[1260,]	0.3379811	-0.001332446	-1.16729002
##	[1261,]	0.3379811	-0.001332446	0.76473737
##	[1262,]	0.3379811	-0.980680421	-1.16729002
##	[1263,]	0.3379811	-0.980680421	-1.16729002
##	[1264,]	-1.0774954	-0.327781771	-0.33927828
##	[1265,]	0.3379811	-0.980680421	-1.16729002
##	[1266,]	-1.0774954	0.325116879	1.04074129
##	[1267,]	0.3379811	-0.327781771	-0.33927828
##	[1268,]	0.3379811	1.304464853	2.69676477
##	[1269,]	-1.0774954	-0.654231096	-0.61528219
##	[1270,]	0.3379811	0.325116879	0.76473737
##	[1271,]	0.3379811	-0.817455758	-0.61528219
##	[1272,]	0.3379811	-0.980680421	-1.16729002
##	[1273,]	0.3379811	-0.327781771	-0.06327437
##	[1274,]	0.3379811	-0.980680421	-1.16729002
##	[1274,]	0.3379811	0.814790866	0.76473737
	-			
##	[1276,]	0.3379811	-0.817455758	-0.61528219
##	[1277,]	0.3379811	-0.327781771	-0.61528219
##	[1278,]	0.3379811	-0.817455758	-0.89128611
##	[1279,]	0.3379811	0.814790866	1.04074129
##	[1280,]	-1.0774954	-0.327781771	-0.33927828
##	[1281,]	-1.0774954	0.488341541	-1.16729002
##	[1282,]	0.3379811	0.488341541	0.76473737
##	[1283,]	0.3379811	0.488341541	1.04074129
##	[1284,]	1.7534577	-0.327781771	-0.33927828
##	[1285,]	0.3379811	-0.491006434	-0.33927828
##	[1286,]	0.3379811	-0.817455758	-0.61528219
##	[1287,]	-1.0774954	-0.491006434	-0.33927828
	,	1.0.11001	J. 101000101	0.00021020

##	[1288,]	-1.0774954	-1.143905083	-1.16729002
##	[1289,]	0.3379811	-0.001332446	0.76473737
##	[1290,]	0.3379811	0.651566204	1.59274911
##	[1291,]	-1.0774954	-0.001332446	-0.89128611
##	[1292,]	-2.4929720	0.488341541	-0.33927828
##	[1293,]	0.3379811	-0.817455758	-0.89128611
##	[1294,]	-1.0774954	-0.654231096	-0.61528219
##	[1295,]	-2.4929720	-0.654231096	-0.61528219
##	[1296,]	1.7534577	2.447037491	2.69676477
##	[1297,]	0.3379811	-0.001332446	0.76473737
##	[1298,]	0.3379811	-0.327781771	-0.89128611
##	[1299,]	1.7534577	0.325116879	0.76473737
##	[1300,]	0.3379811	-0.327781771	-0.33927828
##	[1301,]	0.3379811	0.488341541	1.04074129
##	[1302,]	-1.0774954	1.467689516	1.31674520
##	[1303,]	1.7534577	-0.327781771	-0.06327437
##	[1304,]	0.3379811	2.447037491	1.86875303
##	[1305,]	0.3379811	-0.001332446	-0.06327437
##	[1306,]	-1.0774954	-0.001332446	-0.89128611
##	[1307,]	0.3379811	-0.654231096	-0.61528219
##	[1308,]	0.3379811	-0.654231096	-0.61528219
##	[1309,]	-1.0774954	-0.491006434	-0.61528219
##	[1310,]	0.3379811	-0.327781771	-0.33927828
##	[1311,]	0.3379811	-0.817455758	-0.61528219
##	[1312,]	-2.4929720	-1.143905083	-1.16729002
##	[1313,]	0.3379811	-0.980680421	-1.16729002
##	[1314,]	0.3379811	-0.817455758	-0.61528219
##	[1315,]	1.7534577	0.161892216	0.76473737
##	[1316,]	0.3379811	-0.980680421	-1.16729002
##	[1317,]	0.3379811	-0.001332446	0.76473737
##	[1318,]	-1.0774954	-0.327781771	-0.06327437
##	[1319,]	1.7534577	0.651566204	1.04074129
##	[1320,]	1.7534577	-1.143905083	-1.16729002
##	[1321,]	-1.0774954	-0.164557109	-0.33927828
##	[1322,]	0.3379811	-0.817455758	-0.61528219
##	[1323,]	-1.0774954	0.325116879	1.04074129
##	[1324,]	0.3379811	-0.654231096	-0.61528219
##	[1325,]	0.3379811	-0.001332446	-1.16729002
##	[1326,]	0.3379811	-1.143905083	-1.16729002
##	[1327,]	-1.0774954	-0.817455758	-0.61528219
##	[1328,]	0.3379811	1.957363503	3.52477651
##	[1329,]	0.3379811	0.325116879	1.04074129
##	[1330,]	0.3379811	-0.980680421	-1.16729002
##	[1331,]	0.3379811	1.467689516	2.14475694
##	[1332,]	0.3379811	2.447037491	1.59274911
##	[1333,]	-1.0774954	-0.980680421	-1.16729002
##	[1334,]	0.3379811	0.161892216	0.76473737
##	[1335,]	-1.0774954	-0.001332446	0.48873346
##	[1336,]	0.3379811	-0.817455758	-0.61528219
##	[1337,]	1.7534577	-0.327781771	-0.61528219
##	[1338,]	0.3379811	-0.980680421	-1.16729002
##	[1339,]	-1.0774954	-0.980680421	-1.16729002
##	[1340,]	0.3379811	-0.980680421	-1.16729002
##	[1341,]	0.3379811	0.488341541	1.31674520

##	[1342,]	0.3379811	0.488341541	1.04074129
##	[1343,]	0.3379811	-0.327781771	-0.33927828
##	[1344,]	0.3379811	-0.654231096	-0.61528219
##	[1345,]	0.3379811	-0.327781771	-0.33927828
##	[1346,]	0.3379811	-0.654231096	-0.61528219
##	[1347,]	-1.0774954	0.325116879	1.04074129
	[1348,]		0.488341541	
##	-	-1.0774954		-0.89128611
##	[1349,]	0.3379811	1.957363503	0.76473737
##	[1350,]	-1.0774954	-0.980680421	-1.16729002
##	[1351,]	-1.0774954	0.161892216	0.76473737
##	[1352,]	0.3379811	2.447037491	3.52477651
##	[1353,]	0.3379811	-0.817455758	-1.16729002
##	[1354,]	0.3379811	-0.327781771	-0.61528219
##	[1355,]	0.3379811	-0.491006434	-0.61528219
##	[1356,]	-2.4929720	-0.491006434	-0.61528219
##	[1357,]	0.3379811	-0.327781771	-0.06327437
##	[1358,]	1.7534577	0.978015528	0.76473737
##	[1359,]	0.3379811	-0.327781771	-0.61528219
##	[1360,]	-1.0774954	-0.491006434	-0.61528219
##	[1361,]	-1.0774954	-0.817455758	-0.61528219
##	[1362,]	0.3379811	-0.001332446	0.76473737
##	[1363,]	0.3379811	-0.491006434	-0.61528219
##	[1364,]	-1.0774954	0.488341541	-0.06327437
	-	0.3379811	-0.001332446	*******
##	[1365,]			0.76473737
##	[1366,]	0.3379811	-0.980680421	-1.16729002
##	[1367,]	0.3379811	-0.654231096	-0.61528219
##	[1368,]	-1.0774954	-0.327781771	-0.33927828
##	[1369,]	0.3379811	1.304464853	1.59274911
##	[1370,]	0.3379811	-0.817455758	-1.16729002
##	[1371,]	1.7534577	0.161892216	0.76473737
##	[1372,]	0.3379811	-1.143905083	-1.16729002
##	[1373,]	0.3379811	0.488341541	-1.16729002
##	[1374,]	0.3379811	2.120588166	1.86875303
##	[1375,]	-1.0774954	-0.980680421	-1.16729002
##	[1376,]	0.3379811	-0.491006434	-0.89128611
##	[1377,]	1.7534577	-0.327781771	-0.61528219
##	[1378,]	0.3379811	-0.327781771	-0.06327437
##	[1379,]	0.3379811	-1.143905083	-1.16729002
##	[1380,]	0.3379811	-0.980680421	-1.16729002
##	[1381,]	-2.4929720	-0.327781771	-0.33927828
##	[1382,]	-1.0774954	-0.327781771	-0.33927828
##	[1383,]	1.7534577	-0.491006434	-0.61528219
				-0.01328219
##	[1384,]	0.3379811	-0.327781771	
##	[1385,]	-1.0774954	1.141240191	1.04074129
##	[1386,]	-1.0774954	0.161892216	0.76473737
##	[1387,]	-1.0774954	-0.001332446	0.76473737
##	[1388,]	-1.0774954	-0.327781771	-0.33927828
##	[1389,]	0.3379811	-0.327781771	-0.89128611
##	[1390,]	0.3379811	0.488341541	1.04074129
##	[1391,]	-1.0774954	-0.491006434	-0.89128611
##	[1392,]	-1.0774954	-0.980680421	-1.16729002
##	[1393,]	0.3379811	0.488341541	1.04074129
##	[1394,]	0.3379811	-0.001332446	0.76473737
##	[1395,]	0.3379811	-0.980680421	-1.16729002

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##	[1396,]	0.3379811	0.488341541	0.76473737
##	[1397,]	-1.0774954	-0.817455758	-0.61528219
##	[1398,]	-1.0774954	-0.491006434	-0.33927828
##	[1399,]	0.3379811	0.325116879	0.76473737
##	[1400,]	0.3379811	0.488341541	1.31674520
##	[1401,]	0.3379811	-0.164557109	-0.61528219
##	[1402,]	0.3379811	0.488341541	1.31674520
	-			
##	[1403,]	0.3379811	-0.980680421	-1.16729002
##	[1404,]	0.3379811	2.120588166	1.04074129
##	[1405,]	0.3379811	2.120588166	1.31674520
##	[1406,]	1.7534577	0.651566204	0.76473737
##	[1407,]	0.3379811	-0.327781771	-0.61528219
##	[1408,]	-1.0774954	-0.491006434	-0.33927828
##	[1409,]	1.7534577	-0.327781771	-0.61528219
##	[1410,]	1.7534577	0.488341541	1.31674520
##	[1411,]	0.3379811	0.651566204	1.04074129
##	[1412,]	0.3379811	-0.817455758	-1.16729002
##	[1413,]	-1.0774954	0.814790866	1.04074129
##	[1414,]	-1.0774954	-0.817455758	-0.61528219
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##	[1415,]	0.3379811	1.630914178	2.69676477
##	[1416,]	-1.0774954	-0.980680421	-0.89128611
##	[1417,]	0.3379811	1.304464853	2.42076085
##	[1418,]	0.3379811	-0.817455758	-0.61528219
##	[1419,]	0.3379811	0.161892216	-0.33927828
##	[1420,]	-1.0774954	-0.491006434	-0.33927828
##	[1421,]	0.3379811	-0.327781771	-0.33927828
##	[1422,]	-2.4929720	0.978015528	1.04074129
##	[1423,]	0.3379811	-0.817455758	-0.61528219
##	[1424,]	1.7534577	-0.654231096	-0.61528219
##	[1425,]	0.3379811	0.488341541	0.76473737
##	[1426,]	0.3379811	0.325116879	0.76473737
##	[1427,]	0.3379811	-0.164557109	-0.61528219
	-		-0.104537109	
##	[1428,]	-1.0774954		-1.16729002
##	[1429,]	0.3379811	-0.817455758	-0.61528219
##	[1430,]	0.3379811	-0.001332446	0.76473737
##	[1431,]	0.3379811	1.794138841	3.24877259
##	[1432,]	0.3379811	1.141240191	1.59274911
##	[1433,]	0.3379811	1.467689516	1.86875303
##	[1434,]	-1.0774954	-0.327781771	-0.33927828
##	[1435,]	-1.0774954	0.325116879	1.04074129
##	[1436,]	0.3379811	-0.491006434	-0.33927828
##	[1437,]	0.3379811	-0.817455758	-0.61528219
##	[1438,]	-1.0774954	-0.164557109	-1.16729002
##	[1439,]	-1.0774954	-0.980680421	-1.16729002
##	[1440,]	0.3379811	0.325116879	0.76473737
##	[1441,]	0.3379811	-0.491006434	-0.61528219
	-		0.978015528	2.14475694
##	[1442,]	-1.0774954		
##	[1443,]	1.7534577	-0.817455758	-0.61528219
##	[1444,]	-1.0774954	2.447037491	0.48873346
##	[1445,]	-2.4929720	0.488341541	1.31674520
##	[1446,]	0.3379811	2.120588166	0.76473737
##	[1447,]	0.3379811	0.161892216	0.76473737
##	[1448,]	-1.0774954	1.304464853	2.14475694
##	[1449,]	0.3379811	-0.327781771	-0.06327437

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## [1450,]
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## [1451,]
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                  0.3379811
## [1452,]
                                 0.488341541
                                                       0.76473737
## [1453,]
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## [1454,]
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## [1455,]
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                                                      -0.33927828
## [1456.]
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## [1457,]
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                                                      -0.61528219
## [1458,]
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                                -0.327781771
                                                      -0.33927828
## [1459,]
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                                                      -0.33927828
  [1460,]
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                                                      -0.33927828
##
   [1461,]
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                                -0.327781771
                                                      -0.06327437
##
   [1462,]
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                                -0.654231096
                                                      -0.61528219
## [1463,]
                 -1.0774954
                                 2.120588166
                                                       1.31674520
## [1464,]
                  0.3379811
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                                                      -0.06327437
   [1465,]
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                                                      -0.61528219
##
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                                                      -0.61528219
   [1467,]
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                                                       0.76473737
##
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##
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##
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                                                      -0.33927828
##
            YearsSinceLastPromotion YearsWithCurrManager
##
      [1,]
                         -0.67891464
                                                  0.2457504
      [2,]
##
                         -0.36858985
                                                  0.8062671
##
      [3,]
                         -0.67891464
                                                 -1.1555415
##
      [4,]
                          0.25205973
                                                 -1.1555415
##
      [5,]
                                                 -0.5950247
                         -0.05826506
##
      [6,]
                          0.25205973
                                                  0.5260087
##
      [7,]
                         -0.67891464
                                                 -1.1555415
##
      [8,]
                         -0.67891464
                                                 -1.1555415
##
      [9,]
                         -0.36858985
                                                  1.0865255
##
     [10,]
                          1.49335889
                                                  0.8062671
##
     [11,]
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                                                 -0.3147664
##
     [12,]
                         -0.67891464
                                                  1.0865255
##
     [13,]
                          0.56238452
                                                 -0.3147664
##
     [14,]
                         -0.36858985
                                                 -0.5950247
##
     [15,]
                         -0.67891464
                                                 -0.3147664
##
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##
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##
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##
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                                                  0.8062671
##
     [20,]
                         -0.36858985
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##
     [21,]
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##
     [22,]
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                                                 -0.3147664
##
     [23,]
                         -0.05826506
                                                  1.9273006
##
     [24,]
                         -0.67891464
                                                 -1.1555415
##
     [25,]
                         -0.36858985
                                                 -0.3147664
##
     [26,]
                          0.56238452
                                                  1.0865255
##
     [27,]
                          1.18303410
                                                  0.8062671
##
     [28,]
                          0.56238452
                                                 -0.5950247
##
     [29,]
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                                                  3.6088508
##
     [30,]
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                                                 -0.8752831
##
     [31,]
                         -0.67891464
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##
     [32,]
                         -0.36858985
                                                 -0.3147664
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##	[33,]	-0.36858985	1.0865255
##	[34,]	-0.67891464	-1.1555415
##	[35,]	-0.05826506	-1.1555415
##	[36,]	-0.36858985	-0.0345080
##	[37,]	-0.67891464	-0.5950247
##	[38,]	-0.05826506	-0.5950247
##	[39,]	-0.67891464	-1.1555415
##	[40,]	-0.36858985	-0.3147664
##	[41,]	-0.67891464	-1.1555415
##	[42,]	-0.67891464	-1.1555415
##	[43,]	-0.67891464	-0.8752831
##	[44,]	-0.36858985	0.8062671
##	[45,]	0.25205973	0.8062671
##	[46,]	3.97595721	1.0865255
##	[47,]	1.80368368	0.8062671
##	[48,]	-0.67891464	-1.1555415
##	[49,]	-0.67891464	1.0865255
##	[50,]	-0.67891464	-0.8752831
##	[51,]	-0.67891464	-1.1555415
##	[52,]	-0.05826506	-0.5950247
##	[53,]	-0.36858985	-0.3147664
##	[54,]	-0.05826506	-0.3147664
##	[55,]	-0.67891464	-1.1555415
##	[56,]	1.80368368	2.2075589
##	[57,]	-0.36858985	1.0865255
##	[58,]	-0.05826506	-0.5950247
##	[59,]	-0.36858985	0.8062671
##	[60,]	-0.67891464	0.8062671
##	[61,]	1.49335889	1.0865255
##	[62,]	2.11400847	1.3667838
##	[63,]	3.35530763	1.0865255
##	[64,]	1.49335889	1.3667838
##	[65,]	3.04498284	1.0865255
##	[66,]	-0.67891464	-0.5950247
##	[67,]	-0.67891464	-0.3147664
##	[68,]	-0.67891464	-1.1555415
##	[69,]	-0.36858985	-0.5950247
##	[70,]	-0.67891464	-1.1555415
##	[71,]	-0.36858985	-0.3147664
##	[72,]	-0.67891464	-0.0345080
##	[73,]	-0.36858985	-1.1555415
##	[74,]	-0.67891464	1.3667838
##	[75,]	-0.67891464	-1.1555415
##	[76,]	-0.36858985	1.0865255
##	[77,]	-0.05826506	1.0865255
##	[78,]	-0.67891464	-1.1555415
##	[79,]	-0.67891464	-0.5950247
##	[80,]	-0.67891464	-0.5950247
##	[81,]	0.25205973	-1.1555415
##	[82,]	-0.67891464	-0.0345080
##	[83,]	-0.36858985	-1.1555415
##	[84,]	-0.36858985	1.3667838
##	[85,]	-0.36858985	-0.3147664
##	[86,]	-0.67891464	-0.5950247
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##	[87,]	-0.67891464	-1.1555415
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##	[92,]	-0.36858985	-1.1555415
##	[93,]	-0.05826506	0.8062671
##	[94,]	2.11400847	0.2457504
##	[95,]	0.87270931	0.8062671
##	[96,]	-0.67891464	-0.3147664
##	[97,]	-0.67891464	-0.5950247
##	[98,]	-0.67891464	-0.0345080
##	[99,]	-0.36858985	1.0865255
##	[100,]	-0.36858985	-0.5950247
##	[101,]	-0.67891464	-0.5950247
##	[102,]	-0.67891464	-1.1555415
##	[103,]	-0.36858985	-1.1555415
##	[104,]	-0.05826506	1.6470422
##	[105,]	-0.67891464	-1.1555415
##	[106,]	-0.05826506	-0.5950247
##	[107,]	-0.67891464	0.8062671
##	[108,]	-0.67891464	-0.3147664
##	[100,]	-0.05826506	-0.8752831
##	[110,]	-0.67891464	-1.1555415
##	[111,]	3.04498284	1.0865255
##	[112,]	-0.67891464	0.5260087
##	[113,]	0.56238452	-0.0345080
##	[114,]	-0.36858985	-0.5950247
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##	[116,]	-0.36858985	-0.3147664
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##	[123,]	0.56238452	-0.3147664
##	[124,]	3.97595721	3.0483340
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##	[132,]	-0.05826506	-0.8752831
##	[133,]	-0.05826506	-0.5950247
##	[134,]	-0.67891464	0.8062671
##	[135,]	0.87270931	0.8062671
##	[136,]	-0.67891464	-0.8752831
##	[137,]	-0.67891464	-0.3147664
##	[138,]	0.87270931	1.3667838
##	[139,]	-0.05826506	-0.5950247
##	[140,]	0.56238452	0.8062671
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##	[142,]	-0.67891464	-0.3147664
##	[143,]	-0.05826506	-0.5950247
##	[144,]	-0.67891464	-0.0345080
##	[145,]	-0.67891464	0.8062671
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##	[147,]	-0.36858985	-0.5950247
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##	[163,]	-0.67891464	-0.5950247
##	[164,]	-0.36858985	-0.0345080
##	[165,]	-0.67891464	-0.8752831
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##	[167,]	-0.36858985	1.0865255
##	[168,]	1.49335889	-0.0345080
##	[169,]	-0.67891464	0.8062671
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##	[180,]	-0.05826506	-0.8752831
##	[181,]	-0.67891464	-0.5950247
##	[182,]	-0.36858985	-0.5950247
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##	[184,]	-0.67891464	-0.5950247
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##	[186,]	-0.36858985	0.5260087
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##	[194,]	-0.05826506	-0.5950247
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##	[195,]	2.73465805	1.0865255
##	[196,]	-0.36858985	0.8062671
##	[197,]	-0.36858985	-0.5950247
##	[198,]	-0.67891464	-0.5950247
##	[199,]	-0.67891464	-1.1555415
##	[200,]	-0.36858985	0.8062671
##	[201,]	-0.05826506	-1.1555415
##	[202,]	-0.36858985	0.8062671
##	[203,]	-0.05826506	-1.1555415
##	[204,]	0.25205973	0.8062671
##	[205,]	-0.67891464	-1.1555415
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##	[207,]	-0.05826506	-0.5950247
##		-0.36858985	0.8062671
	[208,]		
##	[209,]	-0.67891464	-0.5950247
##	[210,]	-0.67891464	-0.3147664
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##	[212,]	0.87270931	1.0865255
##	[213,]	-0.67891464	0.8062671
##	[214,]	0.56238452	0.8062671
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##	[226,]	-0.67891464	-1.1555415
##	[227,]	0.87270931	1.0865255
##	[228,]	0.56238452	-0.8752831
##	[229,]	-0.67891464	1.0865255
##	[230,]	-0.67891464	-0.8752831
##	[231,]	-0.05826506	-0.5950247
##	[232,]	2.73465805	3.0483340
##	[233,]	-0.05826506	-0.5950247
##	[234,]	-0.67891464	0.5260087
##	[235,]	-0.67891464	-0.0345080
##	[236,]	-0.36858985	1.3667838
##	[237,]	-0.36858985	0.8062671
##	[238,]	3.97595721	2.2075589
##	[239,]	-0.36858985	-0.5950247
##	[240,]	-0.36858985	-0.5950247
##	[241,]	-0.36858985	-0.5950247
##	[242,]	-0.05826506	-0.5950247
##	[243,]	-0.67891464	-1.1555415
##	[244,]	0.56238452	0.8062671
##	[245,]	-0.36858985	0.8062671
##	[246,]	-0.05826506	-0.5950247
##	[247,]	-0.67891464	-0.5950247
##	[248,]	0.87270931	1.3667838
	, ,	3.3.2.3301	2.000.000

##	[249,]	-0.67891464	-0.5950247
##	[250,]	-0.67891464	-0.5950247
##	[251,]	-0.67891464	-1.1555415
##	[252,]	2.73465805	1.0865255
##	[253,]	-0.36858985	0.2457504
##	[254,]	-0.67891464	-0.5950247
##	[255,]	-0.67891464	-0.5950247
##	[256,]	-0.36858985	-0.5950247
##	[257,]	1.49335889	1.0865255
##	[258,]	0.25205973	1.3667838
##	[259,]	-0.67891464	-1.1555415
##	[260,]	-0.36858985	-0.0345080
##	[261,]	-0.67891464	-0.3147664
##	[262,]	1.49335889	0.2457504
##	[263,]	-0.67891464	-0.0345080
##	[264,]	1.49335889	0.8062671
##	[265,]	-0.67891464	-1.1555415
##	[266,]	-0.67891464	-1.1555415
##	[267,]	1.49335889	1.0865255
##	[268,]	-0.36858985	0.2457504
##	[269,]	0.56238452	1.6470422
##	[270,]	2.42433326	1.9273006
##	[271,]	0.56238452	2.4878173
##	[272,]	2.11400847	1.3667838
##	[273,]	-0.67891464	-0.0345080
##	[274,]	-0.67891464	-0.8752831
##	[275,]	-0.36858985	-1.1555415
##	[276,]	-0.67891464	-0.5950247
##	[277,]	1.18303410	-0.5950247
##	[278,]	1.49335889	0.8062671
##	[279,]	-0.36858985	-0.0345080
##	[280,]	-0.36858985	0.5260087
##	[281,]	-0.36858985	-0.3147664
##	[282,]	2.73465805	0.5260087
##	[283,]	-0.67891464	1.3667838
##	[284,]	-0.67891464	1.0865255
##	[285,]	0.25205973	-0.3147664
##	[286,]	0.87270931	0.8062671
##	[287,]	-0.67891464	-1.1555415
##	[288,]	-0.36858985	-0.5950247
##	[289,]	-0.67891464	-0.5950247
##	[290,]	-0.67891464	-0.5950247
##	[291,]	-0.36858985	-0.5950247
##	[292,]	1.49335889	0.8062671
##	[293,]	-0.05826506	-0.5950247
##	[294,]	1.49335889	-0.0345080
##	[295,]	-0.36858985	-0.5950247
##	[296,]	0.56238452	1.0865255
##	[297,]	-0.67891464	-1.1555415
##	[298,]	1.18303410	1.3667838
##	[299,]	-0.67891464	-1.1555415
##	[300,]	-0.36858985	-0.5950247
##	[301,]	-0.67891464	-0.0345080
##	[302,]	-0.67891464	-1.1555415
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##	[303,]	-0.67891464	0.8062671
##	[304,]	1.49335889	0.8062671
##	[305,]	0.25205973	0.8062671
##	[306,]	-0.67891464	1.0865255
##	[307,]	0.56238452	1.0865255
##	[308,]	-0.67891464	-0.8752831
##	[309,]	-0.36858985	-0.5950247
##	[310,]	-0.67891464	-0.3147664
##	[311,]	-0.36858985	-1.1555415
##	[312,]	2.11400847	1.9273006
##	[313,]	-0.05826506	-0.5950247
##	[314,]	1.80368368	1.0865255
##	[315,]	2.73465805	1.6470422
##	[316,]	-0.36858985	0.8062671
##	[317,]	-0.67891464	0.8062671
##	[318,]	1.49335889	0.8062671
##	[319,]	-0.36858985	-0.5950247
##	[320,]	2.73465805	1.3667838
##	[321,]	-0.67891464	-0.0345080
##	[322,]	-0.36858985	0.8062671
##	[323,]	-0.67891464	0.8062671
##	[324,]	-0.05826506	-0.5950247
##	[325,]	-0.36858985	1.3667838
##	[326,]	1.80368368	1.3667838
##	[327,]	3.35530763	-0.3147664
##	[328,]	-0.67891464	-1.1555415
##	[329,]	-0.67891464	-0.8752831
##	[330,]	-0.36858985	-0.8752831
##	[331,]	-0.67891464	-1.1555415
##	[332,]	-0.36858985	-0.0345080
##	[333,]	-0.67891464	-0.3147664
##	[334,]	-0.67891464	-1.1555415
##	[335,]	2.11400847	1.0865255
##	[336,]	-0.67891464	-0.5950247
##	[337,]	-0.67891464	0.8062671
##	[338,]	-0.05826506	-0.5950247
##	[339,]	-0.36858985	-0.5950247
##	[340,]	-0.67891464	0.8062671
##	[341,]	-0.67891464	-0.0345080
##	[342,]	-0.05826506	1.3667838
##	[343,]	0.56238452	1.6470422
##	[344,]	-0.36858985	0.8062671
##	[345,]	-0.67891464	2.4878173
##	[346,]	-0.67891464	-0.5950247
##	[347,]	-0.36858985	-0.5950247
##	[348,]	-0.67891464	-1.1555415
##	[349,]	-0.67891464	-1.1555415
##	[350,]	-0.67891464	-0.5950247
##	[351,]	-0.36858985	-1.1555415
##	[352,]	-0.67891464	0.8062671
##	[353,]	-0.67891464	-1.1555415
##	[354,]	1.18303410	0.8062671
##	[355,]	-0.05826506	-0.5950247
##	[356,]	1.49335889	0.8062671

##	[357,]	-0.67891464	-1.1555415
##	[358,]	-0.36858985	-0.5950247
##	[359,]	-0.67891464	-1.1555415
##	[360,]	-0.36858985	2.2075589
##	[361,]	-0.36858985	-0.5950247
##	[362,]	-0.36858985	0.8062671
##	[363,]	-0.05826506	-0.5950247
##	[364,]	-0.67891464	-1.1555415
##	[365,]	-0.67891464	-0.3147664
##	[366,]	-0.67891464	-1.1555415
##	[367,]	1.49335889	0.8062671
##	[368,]	-0.36858985	-0.3147664
##	•	-0.36858985	-1.1555415
	[369,]		
##	[370,]	-0.05826506	-0.5950247
##	[371,]	-0.67891464	-1.1555415
##	[372,]	-0.36858985	-0.5950247
##	[373,]	-0.67891464	-1.1555415
##	[374,]	-0.67891464	-0.0345080
##	[375,]	-0.67891464	0.8062671
##	[376,]	-0.67891464	-1.1555415
##	[377,]	-0.67891464	0.8062671
##	[378,]	-0.05826506	-0.5950247
##	[379,]	-0.67891464	-0.0345080
##	[380,]	-0.36858985	-0.5950247
##	[381,]	-0.67891464	-0.3147664
##	[382,]	-0.67891464	-1.1555415
##	[383,]	-0.67891464	-0.0345080
##	[384,]	-0.36858985	-0.5950247
##	[385,]	2.11400847	-1.1555415
##	[386,]	-0.67891464	-1.1555415
##	[387,]	3.04498284	3.6088508
##	[388,]	-0.36858985	-0.3147664
##	[389,]	-0.36858985	-0.5950247
##	[390,]	-0.67891464	-0.8752831
##	[391,]	0.25205973	1.3667838
##	[392,]	-0.67891464	-1.1555415
##	[393,]	-0.36858985	-0.5950247
##	[394,]	-0.36858985	-0.5950247
##	[395,]	0.25205973	2.2075589
##	[396,]	-0.36858985	-0.5950247
##	[397,]	-0.67891464	-0.5950247
##	[398,]	-0.36858985	-0.3147664
##	[399,]	2.42433326	0.8062671
##	[400,]	0.25205973	-0.5950247
##	[401,]	-0.36858985	0.5260087
##	[402,]	1.49335889	0.8062671
##	[403,]	0.56238452	-0.0345080
##	[404,]	-0.67891464	0.8062671
##	[405,]	-0.36858985	1.0865255
##	[406,]	-0.67891464	-0.5950247
##	[407,]	-0.67891464	-0.0345080
##	[408,]	-0.67891464	-0.5950247
##	[409,]	-0.36858985	-0.0345080
##	[410,]	-0.67891464	-0.5950247
15	[110,]	3.0,001101	0.000241

##	[411,]	-0.67891464	-0.5950247
##	[412,]	2.73465805	1.6470422
##	[413,]	-0.67891464	1.0865255
##	[414,]	-0.67891464	-0.0345080
##	[415,]	-0.36858985	-0.0345080
##	[416,]	-0.36858985	-1.1555415
##	[417,]	-0.67891464	-1.1555415
##	[418,]	-0.36858985	2.2075589
##	[419,]	-0.67891464	-0.5950247
##	[420,]	-0.36858985	-0.0345080
##	[421,]	-0.67891464	0.8062671
##	[422,]	-0.36858985	-0.8752831
##	[423,]	-0.67891464	-1.1555415
##	[424,]	1.49335889	1.0865255
##	[425,]	-0.67891464	-1.1555415
##	[426,]	3.97595721	0.8062671
##	[427,]	1.18303410	0.8062671
##	[428,]	3.35530763	1.9273006
##	[429,]	-0.67891464	-0.0345080
##	[430,]	-0.67891464	-0.8752831
##	[431,]	0.56238452	-0.3147664
##	[432,]	-0.67891464	-1.1555415
##	[433,]	0.87270931	0.8062671
##	[434,]	-0.36858985	-0.5950247 1.0865255
##	[435,]	-0.67891464 1.49335889	
## ##	[436,] [437,]	-0.36858985	0.8062671 -0.3147664
##	[438,]	-0.36858985	-0.5950247
##	[439,]	-0.67891464	-1.1555415
##	[440,]	-0.67891464	-1.1555415
##	[441,]	-0.67891464	-0.5950247
##	[442,]	-0.05826506	-1.1555415
##	[443,]	2.11400847	0.8062671
##	[444,]	-0.36858985	-0.5950247
##	[445,]	1.18303410	0.8062671
##	[446,]	1.49335889	0.8062671
##	[447,]	-0.36858985	1.6470422
##	[448,]	1.18303410	1.3667838
##	[449,]	0.87270931	2.4878173
##	[450,]	-0.67891464	0.8062671
##	[451,]	-0.67891464	0.2457504
##	[452,]	0.87270931	1.0865255
##	[453,]	0.25205973	0.8062671
##	[454,]	-0.36858985	-1.1555415
##	[455,]	-0.36858985	-0.5950247
##	[456,]	-0.67891464	0.2457504
##	[457,]	-0.67891464	-0.8752831
##	[458,]	-0.67891464	-1.1555415
##	[459,]	-0.67891464	-0.8752831
##	[460,]	-0.67891464	0.8062671
##	[461,]	-0.67891464	-1.1555415
##	[462,]	-0.67891464	-0.3147664
##	[463,]	0.87270931	0.8062671
##	[464,]	-0.67891464	-1.1555415

##	[465,]	-0.36858985	-0.5950247
##	[466,]	-0.36858985	-0.5950247
##	[467,]	2.73465805	1.0865255
##	[468,]	1.49335889	0.8062671
##	[469,]	1.18303410	1.3667838
##	[470,]	-0.36858985	-0.5950247
##	[471,]	-0.05826506	-0.8752831
##	[472,]	-0.67891464	-1.1555415
##	[473,]	0.56238452	-0.3147664
##	[474,]	-0.67891464	1.3667838
##	[475,]	-0.36858985	-0.0345080
##	[476,]	-0.36858985	-0.0345080
##	[477,]	-0.67891464	-1.1555415
##	[478,]	2.42433326	0.8062671
##	[479,]	-0.67891464	0.5260087
##	[480,]	-0.36858985	-0.5950247
##	[481,]	-0.67891464	-1.1555415
##	[482,]	-0.36858985	-0.3147664
##	[483,]	-0.36858985	-0.5950247
##	[484,]	-0.67891464	-0.5950247
##	[485,]	0.87270931	0.8062671
##	[486,]	-0.67891464	-0.3147664
##	[487,]	-0.36858985	-1.1555415
##	[488,]	-0.67891464	-1.1555415
##	[489,]	-0.05826506	-0.5950247
##	[490,]	-0.67891464	-1.1555415
##	[491,]	-0.67891464	-1.1555415
##	[492,]	0.56238452	0.8062671
##	[493,]	-0.67891464	-0.5950247
##	[494,]	-0.67891464	-0.5950247
##	[495,]	-0.67891464	0.5260087
##	[496,]	-0.67891464	-0.5950247
##	[497,]	-0.36858985	-0.5950247
##	[498,]	-0.67891464	-0.8752831
##	[499,]	-0.05826506	-0.5950247
##	[500,]	-0.36858985	-0.5950247
##	[501,]	-0.67891464	0.2457504
##	[502,]	-0.67891464	-1.1555415
##	[503,]	1.80368368	1.6470422
##	[504,]	1.80368368	1.0865255
##	[505,]	-0.67891464	-1.1555415
##	[506,]	-0.67891464	-0.5950247
##	[507,]	1.49335889	1.0865255
##	[508,]	-0.36858985	-0.5950247
##	[509,]	2.73465805	1.0865255
##	[510,]	0.56238452	0.8062671
##	[510,]	1.49335889	-0.8752831
##		-0.67891464	-0.5950247
##	[512,]	-0.36858985	-0.8752831
	[513,]		
##	[514,]	-0.36858985	-0.8752831
##	[515,]	2.11400847	0.8062671
##	[516,]	-0.67891464	-1.1555415
##	[517,]	-0.67891464	-0.5950247
##	[518,]	-0.36858985	-0.5950247

##	[519,]	-0.67891464	0.2457504
##	[520,]	-0.05826506	1.0865255
##	[521,]	-0.05826506	-0.5950247
##	[522,]	-0.67891464	-0.0345080
##	[523,]	-0.67891464	-1.1555415
##	[524,]	0.25205973	1.0865255
##	[525,]	1.49335889	0.8062671
##	[526,]	-0.05826506	-1.1555415
##	[527,]	2.73465805	1.6470422
##	[528,]	-0.67891464	1.0865255
##	[529,]	-0.36858985	-0.3147664
##	[530,]	-0.36858985	1.0865255
##	[531,]	-0.67891464	0.8062671
##	[532,]	1.49335889	0.8062671
##	[533,]	-0.36858985	0.8062671
##	[534,]	-0.36858985	2.2075589
##	[535,]	-0.36858985	-0.3147664
##	[536,]	3.04498284	0.5260087
##	[537,]	-0.05826506	-0.5950247
##	[538,]	-0.36858985	0.8062671
##	[539,]	-0.05826506	1.6470422
##	[540,]	-0.05826506	-0.5950247
##	[541,]	0.25205973	0.8062671
##	[542,]	-0.67891464	0.2457504
## ##	[543,]	-0.67891464	-1.1555415
##	[544,]	-0.36858985 2.73465805	-0.0345080 2.4878173
##	[545,] [546,]	1.49335889	0.8062671
##	[547,]	-0.67891464	-1.1555415
##	[548,]	-0.05826506	-0.5950247
##	[549,]	-0.05826506	-0.5950247
##	[550,]	0.56238452	-0.3147664
##	[551,]	-0.67891464	-0.5950247
##	[552,]	0.25205973	0.5260087
##	[553,]	-0.36858985	-0.8752831
##	[554,]	-0.05826506	-0.3147664
##	[555,]	-0.67891464	0.8062671
##	[556,]	-0.05826506	-0.5950247
##	[557,]	-0.05826506	-0.5950247
##	[558,]	-0.67891464	-1.1555415
##	[559,]	0.56238452	0.8062671
##	[560,]	-0.67891464	-0.8752831
##	[561,]	-0.67891464	-1.1555415
##	[562,]	-0.36858985	3.3285924
##	[563,]	1.49335889	1.0865255
##	[564,]	-0.36858985	-0.0345080
##	[565,]	0.25205973	-0.8752831
##	[566,]	-0.67891464	-0.5950247
##	[567,]	-0.36858985	-0.3147664
##	[568,]	-0.36858985	-0.0345080
##	[569,]	-0.36858985	-0.0345080
##	[570,]	-0.67891464	1.3667838
##	[571,]	-0.36858985	-0.5950247
##	[572,]	-0.05826506	-1.1555415

##	[573,]	-0.36858985	-0.8752831
##	[574,]	-0.36858985	-0.5950247
##	[575,]	-0.36858985	-0.3147664
##	[576,]	-0.36858985	-0.0345080
##	[577,]	-0.36858985	-0.8752831
##	[578,]	0.56238452	-0.3147664
##	[579,]	0.56238452	2.2075589
##	[580,]	-0.36858985	-0.3147664
##	[581,]	-0.67891464	-0.5950247
##	[582,]	-0.67891464	-0.5950247
##	[583,]	0.25205973	0.8062671
##	[584,]	-0.36858985	-0.5950247
##	[585,]	3.66563242	1.3667838
##	[586,]	-0.67891464	-1.1555415
##	[587,]	-0.67891464	-1.1555415
##	[588,]	-0.36858985	-0.0345080
##	[589,]	-0.67891464	-0.3147664
##	[590,]	-0.67891464	-1.1555415
##	[591,]	0.25205973	0.8062671
##	[592,]	-0.67891464	-0.5950247
##	[593,]	0.25205973	-1.1555415
##	[594,]	-0.67891464	0.2457504
##	[595,]	-0.67891464	0.8062671
##	[596,]	3.35530763	1.0865255
##	[597,]	-0.05826506	-0.5950247
##	[598,]	-0.67891464	-0.5950247
##	[599,]	-0.05826506	-0.8752831
##	[600,]	-0.67891464	-0.0345080
##	[601,]	1.18303410	1.0865255
##	[602,]	-0.67891464	-1.1555415
##	[603,]	-0.67891464	-1.1555415
##	[604,]	-0.67891464	-1.1555415
##	[605,]	1.49335889	1.0865255
##	[606,]	-0.36858985	-0.5950247
## ##	[607,]	-0.36858985 1.49335889	-0.3147664 0.8062671
##	[608,]	1.49335889	-0.3147664
##	[609,] [610,]	-0.36858985	-1.1555415
##	[611,]	-0.67891464	1.0865255
##	[612,]	-0.36858985	0.5260087
##	[613,]	1.49335889	0.2457504
##	[614,]	-0.67891464	-0.5950247
##	[615,]	-0.36858985	0.8062671
##	[616,]	-0.67891464	-1.1555415
##	[617,]	0.56238452	3.6088508
##	[618,]	-0.05826506	-0.3147664
##	[619,]	-0.67891464	-0.8752831
##	[620,]	-0.67891464	1.0865255
##	[621,]	-0.36858985	-0.8752831
##	[622,]	0.56238452	1.9273006
##	[623,]	-0.67891464	-0.3147664
##	[624,]	-0.67891464	-0.3147664
##	[625,]	-0.67891464	-0.0345080
##	[626,]	-0.67891464	-0.5950247
	_ <del>, _</del>		

##	[627,]	-0.36858985	-0.3147664
##	[628,]	-0.67891464	-1.1555415
##	[629,]	-0.67891464	-1.1555415
##	[630,]	-0.67891464	-0.0345080
##	[631,]	-0.05826506	-0.5950247
##	[632,]	-0.67891464	-0.5950247
##	[633,]	-0.05826506	-0.5950247
##	[634,]	-0.67891464	-0.3147664
##	[635,]	-0.67891464	-0.3147664
##	[636,]	0.87270931	3.0483340
##	[637,]	1.49335889	1.0865255
##	[638,]	-0.67891464	-0.5950247
##	[639,]	-0.67891464	-0.3147664
##	[640,]	-0.67891464	-0.5950247
##	[641,]	0.25205973	-0.0345080
##	[642,] [643,]	0.87270931	-0.3147664
## ##	[644,]	-0.36858985 -0.36858985	-0.5950247 -0.3147664
##	[645,]	-0.67891464	-0.5950247
##	[646,]	-0.67891464	-0.5950247
##	[647,]	-0.05826506	-0.5950247
##	[648,]	0.56238452	1.0865255
##	[649,]	-0.67891464	-1.1555415
##	[650,]	0.25205973	1.0865255
##	[651,]	-0.05826506	-0.5950247
##	[652,]	1.49335889	0.8062671
##	[653,]	-0.67891464	1.3667838
##	[654,]	3.66563242	0.8062671
##	[655,]	-0.67891464	-0.0345080
##	[656,]	-0.67891464	-0.3147664
##	[657,]	-0.67891464	-0.8752831
##	[658,]	-0.67891464	-0.3147664
##	[659,]	1.49335889	-0.8752831
##	[660,]	-0.67891464	-0.5950247
##	[661,]	-0.67891464	-1.1555415
##	[662,]	-0.67891464	-1.1555415
##	[663,]	-0.67891464	-0.5950247
##	[664,]	-0.67891464	-1.1555415
##	[665,]	0.56238452	1.9273006
##	[666,]	-0.36858985	-0.5950247
##	[667,]	-0.67891464	-0.5950247
##	[668,]	-0.36858985	-1.1555415
##	[669,]	-0.05826506	-0.5950247
##	[670,]	-0.05826506	-0.5950247
##	[671,]	-0.67891464	-1.1555415
##	[672,]	-0.36858985	-1.1555415
##	[673,]	-0.67891464	-0.3147664
##	[674,]	-0.67891464	-0.5950247
##	[675,]	-0.67891464	-0.0345080
##	[676,]	0.87270931	-0.5950247
##	[677,]	-0.67891464	0.8062671
##	[678,]	-0.36858985	0.8062671
## ##	[679,]	-0.67891464 -0.67891464	-1.1555415 -1.1555415
##	[680,]	0.01031404	1.1000415

##	[681,]	-0.67891464	-0.8752831
##	[682,]	0.87270931	1.9273006
##	[683,]	-0.67891464	-0.5950247
##	[684,]	-0.67891464	-1.1555415
##	[685,]	-0.67891464	-1.1555415
##	[686,]	-0.67891464	0.8062671
##	•	-0.05826506	3.6088508
	[687,]		
##	[688,]	0.25205973	1.3667838
##	[689,]	-0.67891464	-1.1555415
##	[690,]	-0.67891464	-1.1555415
##	[691,]	1.80368368	0.2457504
##	[692,]	-0.67891464	-1.1555415
##	[693,]	1.18303410	-0.3147664
##	[694,]	0.25205973	0.8062671
##	[695,]	-0.36858985	-0.0345080
##	[696,]	2.73465805	0.8062671
##	[697,]	-0.67891464	1.0865255
##	[698,]	-0.67891464	-0.5950247
##	[699,]	-0.36858985	-1.1555415
##	[700,]	1.49335889	1.0865255
##	[701,]	-0.67891464	-1.1555415
##	[702,]	3.97595721	-0.5950247
##	[703,]	1.49335889	0.8062671
##	[704,]	-0.36858985	-0.3147664
##	[705,]	-0.67891464	1.0865255
##	[706,]	-0.67891464	0.8062671
##	[707,]	-0.67891464	-1.1555415
##	[708,]	-0.05826506	0.8062671
##	[709,]	-0.67891464	0.8062671
##	[710,]	-0.36858985	-0.5950247
##	[711,]	1.18303410	-1.1555415
##	[712,]	-0.67891464	-1.1555415
##	[713,]	-0.67891464	-0.5950247
##	[714,]	-0.67891464	-0.5950247
##	[715,]	-0.36858985	-0.3147664
##	[716,]	-0.36858985	-0.5950247
##	[717,]	-0.67891464	1.9273006
##	[718,]	-0.05826506	-0.5950247
##	[719,]	-0.67891464	1.0865255
##	[720,]	-0.67891464	0.8062671
##	[721,]	-0.67891464	-0.8752831
##	[722,]	-0.36858985	0.2457504
##	[723,]	-0.67891464	-0.5950247
##	[724,]	-0.67891464	0.8062671
##	[725,]	0.25205973	-0.5950247
##	[726,]	-0.67891464	-0.5950247
##	[727,]	-0.67891464	-0.3147664
##	[728,]	-0.67891464	-1.1555415
##	[729,]	-0.67891464	1.0865255
##	[730,]	2.42433326	-0.8752831
##	[731,]	-0.36858985	0.8062671
##	[732,]	-0.67891464	-1.1555415
##	[733,]	-0.36858985	-0.5950247
##	[734,]	-0.36858985	-0.3147664
##	[10±,]	0.300005	0.314/004

##	[735,]	-0.36858985	-0.8752831
##	[736,]	-0.05826506	-0.5950247
##	[737,]	0.56238452	1.0865255
##	[738,]	-0.05826506	-0.8752831
##	[739,]	2.73465805	1.0865255
##	[740,]	-0.05826506	-0.5950247
##	[741,]	-0.36858985	-0.5950247
##	[742,]	-0.67891464	-1.1555415
##	[743,]	-0.67891464	-1.1555415
##	[744,]	0.56238452	-0.3147664
##	[745,]	-0.67891464	-1.1555415
##	[746,]	1.18303410	0.8062671
##	[747,]	0.87270931	1.6470422
##	[748,]	-0.67891464	-1.1555415
##	[749,]	-0.05826506	-0.5950247
##	[750,]	1.18303410	1.3667838
##	[751,]	2.73465805	1.9273006
##	[752,]	-0.67891464	2.4878173
##	[753,]	3.97595721	2.7680757
##	[754,]	-0.05826506	1.0865255
##	[755,]	-0.05826506	-0.5950247
##	[756,]	-0.36858985	-0.8752831
##	[757,]	1.49335889	0.8062671
##	[758,]	-0.67891464	1.3667838
##	[759,]	-0.67891464	-0.0345080
##	[760,]	-0.67891464	-0.0345080
##	[761,]	1.18303410	2.2075589
##	[762,]	-0.67891464	-1.1555415
##	[763,]	-0.36858985	-0.5950247
##	[764,]	-0.67891464	-1.1555415
##	[765,]	-0.67891464	-1.1555415
##	[766,]	-0.05826506	-0.5950247
##	[767,]	1.49335889	0.8062671
##	[768,]	-0.67891464	-0.8752831
##	[769,]	1.49335889	0.2457504
##	[770,]	-0.36858985	-0.3147664
##	[771,]	-0.05826506	-0.5950247
##	[772,]	1.49335889	-1.1555415
##	[773,]	-0.67891464	-0.3147664
##	[774,]	1.49335889	1.0865255
##	[775,]	1.18303410	-0.5950247
##	[776,]	-0.67891464	-1.1555415
##	[777,]	-0.67891464	-0.5950247
##	[778,]	-0.36858985	-1.1555415
##	[779,]	-0.36858985	0.8062671
##	[780,]	-0.05826506	0.8062671
##	[781,]	-0.36858985	1.3667838
##	[782,]	-0.36858985	-0.3147664
##	[783,]	-0.67891464	-0.5950247
##	[784,]	-0.67891464	1.0865255
##	[785,]	-0.36858985	1.3667838
##	[786,]	2.73465805	-0.8752831
##	[787,]	-0.36858985	-0.5950247
##	[788,]	-0.36858985	-0.5950247

##	[789,]	-0.36858985	0.8062671
##	[790,]	0.25205973	0.5260087
##	[791,]	-0.36858985	-0.5950247
##	[792,]	0.56238452	0.8062671
##	[793,]	0.25205973	1.0865255
##	[794,]	-0.05826506	-0.5950247
##		-0.67891464	-0.0345080
	[795,]		
##	[796,]	-0.67891464	-1.1555415
##	[797,]	0.87270931	0.5260087
##	[798,]	-0.67891464	-1.1555415
##	[799,]	-0.05826506	-0.5950247
##	[800,]	3.35530763	0.8062671
##	[801,]	-0.67891464	-1.1555415
##	[802,]	-0.67891464	-1.1555415
##	[803,]	-0.67891464	-0.5950247
##	[804,]	-0.67891464	-1.1555415
##	[805,]	-0.05826506	-0.8752831
##	[806,]	0.56238452	2.2075589
##	[807,]	0.56238452	-1.1555415
##	[808,]	-0.05826506	0.8062671
##	[809,]	-0.36858985	0.8062671
##	[810,]	-0.36858985	0.8062671
##	[811,]	0.56238452	1.3667838
##	[812,]	-0.67891464	-1.1555415
##	[813,]	-0.67891464	-0.8752831
##	[814,]	2.73465805	0.2457504
##	[815,]	0.56238452	1.3667838
##	[816,]	-0.05826506	-0.5950247
##	[817,]	-0.67891464	-0.3147664
##	[818,]	-0.67891464	1.3667838
##	[819,]	-0.05826506	-0.5950247
##	[820,]	-0.67891464	-0.0345080
##	[821,]	-0.67891464	-0.5950247
##	[822,]	-0.05826506	-0.3147664
##	[823,]	-0.67891464	-0.5950247
##	[824,]	-0.36858985	-0.8752831
##	[825,]	-0.67891464	-1.1555415
##	[826,]	-0.36858985	-0.5950247
##	[827,]	0.87270931	-1.1555415
##	[828,]	-0.67891464	-0.5950247
##	[829,]	-0.67891464	-1.1555415
##	[830,]	-0.67891464	-0.3147664
##	[831,]	-0.67891464	-1.1555415
##	[832,]	-0.05826506	-0.5950247
##	[833,]	-0.36858985	-0.3147664
##	[834,]	-0.05826506	-0.5950247
##	[835,]	-0.36858985	-0.3147664
##	[836,]	-0.36858985	-0.0345080
##	[837,]	0.25205973	1.6470422
##	[838,]	-0.05826506	2.4878173
##		3.35530763	2.7680757
	[839,]	-0.36858985	0.2457504
##	[840,]		
##	[841,]	-0.36858985	0.8062671
##	[842,]	-0.36858985	-0.5950247

##	[843,]	-0.67891464	-1.1555415
##	[844,]	-0.67891464	0.8062671
##	[845,]	-0.36858985	-0.0345080
##	[846,]	-0.67891464	-1.1555415
##	[847,]	1.18303410	-0.0345080
##	[848,]	0.56238452	1.3667838
##	[849,]	-0.05826506	-0.5950247
##	[850,]	-0.36858985	-0.3147664
##	[851,]	-0.67891464	-1.1555415
##	[852,]	0.56238452	-0.5950247
##	[853,]	-0.67891464	1.0865255
##	[854,]	-0.67891464	-1.1555415
##	[855,]	-0.67891464	-0.5950247
##	[856,]	0.25205973	1.9273006
##	[857,]	-0.36858985	-0.5950247
##	[858,]	-0.67891464	-0.5950247
##	[859,]	0.56238452	0.8062671
##	[860,]	-0.36858985	-0.3147664
##	[861,]	-0.67891464	-1.1555415
##	[862,]	3.97595721	1.3667838
##	[863,]	-0.67891464	-1.1555415
##	[864,]	-0.36858985	-0.0345080
##	[865,]	-0.67891464	-1.1555415
##	[866,]	-0.67891464	-0.3147664
##	[867,]	-0.67891464	-1.1555415
##	[868,]	-0.05826506	-0.5950247
##	[869,]	0.25205973	-0.3147664
##	[870,]	-0.67891464	-0.3147664
##	[871,]	-0.36858985	0.8062671
##	[872,]	-0.67891464	-1.1555415
##	[873,]	-0.67891464	-0.8752831
##	[874,]	-0.36858985	0.8062671
##	[875,]	1.80368368	1.3667838
##	[876,]	3.35530763	3.6088508
##	[877,]	-0.05826506	-0.5950247
##	[878,]	-0.36858985	-0.0345080
##	[879,]	-0.67891464	-0.3147664
##	[880,]	-0.36858985	1.3667838
##	[881,]	-0.05826506	-0.5950247
##	[882,]	-0.67891464	0.8062671
##	[883,]	1.49335889	0.8062671
##	[884,]	0.56238452	1.6470422
##	[885,]	-0.36858985	-0.3147664
##	[886,]	-0.36858985	-0.8752831
##	[887,]	0.87270931	0.8062671
##	[888,]	-0.67891464	-1.1555415
##	[889,]	0.56238452	2.2075589
##	[890,]	1.18303410	1.0865255
##	[891,]	-0.36858985	-0.0345080
##	[892,]	1.49335889	0.8062671
##	[893,]	-0.67891464	-1.1555415
##	[894,]	-0.36858985	-0.5950247
##	[895,]	-0.67891464	1.3667838
##	[896,]	-0.67891464	-0.8752831

##	[897,]	-0.36858985	1.0865255
##	[898,]	-0.67891464	0.2457504
##	[899,]	-0.67891464	0.8062671
##	[900,]	-0.67891464	-1.1555415
##	[901,]	-0.67891464	0.8062671
##	[902,]	-0.67891464	-1.1555415
##	[903,]	-0.67891464	-0.3147664
##	[904,]	-0.36858985	-1.1555415
##	[905,]	-0.67891464	-1.1555415
##	[906,]	-0.36858985	0.8062671
##	[907,]	-0.67891464	-1.1555415
##	[908,]	0.25205973	1.6470422
##	[909,]	-0.67891464	1.0865255
##	[910,]	-0.67891464	-0.8752831
##	[911,]	-0.67891464	-0.8752831
##	[912,]	-0.36858985	-1.1555415
##	[913,]	-0.05826506	-0.5950247
##	[914,]	-0.36858985	1.9273006
##	[915,]	3.97595721	-1.1555415
##	[916,]	-0.05826506	-0.5950247
##	[917,]	-0.67891464	1.0865255
##	[918,]	-0.67891464	-0.5950247
##	[919,]	2.73465805	1.6470422
##	[920,]	0.87270931	-0.0345080
##	[921,]	0.87270931	1.6470422
##	[922,]	-0.67891464	-0.5950247
##	[923,]	3.66563242	2.4878173
##	[924,]	-0.36858985	1.0865255
##	[925,]	-0.05826506	-0.5950247
##	[926,]	-0.67891464	-1.1555415
##	[927,]	3.97595721	3.6088508
##	[928,]	0.87270931	2.2075589
##	[929,]	-0.67891464	0.2457504
##	[930,]	-0.05826506	-0.5950247
##	[931,]	1.49335889	0.8062671
##	[932,]	-0.36858985	0.8062671
##	[933,]	1.49335889	0.8062671
##	[934,]	-0.36858985	-0.5950247
##	[935,]	-0.05826506	-0.8752831
##	[936,]	-0.67891464	1.0865255
##	[937,]	-0.67891464	-1.1555415
##	[938,]	3.97595721	-0.5950247
##	[939,]	-0.05826506	-0.5950247
##	[940,]	-0.36858985	-0.8752831
##	[941,]	-0.67891464	-0.3147664
##	[942,]	1.18303410	0.8062671
##	[943,]	-0.36858985	0.8062671
##	[944,]	0.87270931	0.8062671
##	[945,]	1.49335889	0.2457504
##	[946,]	-0.36858985	-0.5950247
##	[947,]	-0.36858985	-1.1555415
##	[948,]	1.49335889	0.8062671
##	[949,]	-0.67891464	1.0865255
##	[950,]	-0.36858985	0.8062671
π#	[000,]	0.00000000	0.0002071

##	[951,]	2.11400847	0.5260087
##	[952,]	2.73465805	1.3667838
##	[953,]	-0.05826506	-0.5950247
##	[954,]	-0.36858985	-0.5950247
##	[955,]	-0.05826506	1.6470422
##	[956,]	2.11400847	1.9273006
##	[957,]	1.49335889	0.8062671
##	[958,]	-0.67891464	-1.1555415
##	[959,]	-0.36858985	0.5260087
##	[960,]	1.80368368	1.0865255
##	[961,]	-0.36858985	0.8062671
##	[962,]	-0.36858985	-0.8752831
##	[963,]	-0.67891464	1.6470422
##	[964,]	-0.36858985	0.8062671
##	[965,]	2.11400847	0.5260087
##	[966,]	-0.36858985	-0.5950247
##	[967,]	0.87270931	1.3667838
##	[968,]	-0.67891464	-0.3147664
##	[969,]	1.18303410	2.4878173
##	[970,]	-0.67891464	1.0865255
##	[971,]	-0.67891464	-1.1555415
##	[972,]	-0.67891464	-0.3147664
##	[973,]	-0.67891464	-1.1555415
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##	[975,]	-0.67891464	-1.1555415
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##	[981,]	-0.67891464	-1.1555415
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##	[993,]	-0.67891464	0.2457504
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##	[995,]	-0.67891464	-0.5950247
##	[996,]	-0.36858985	1.0865255
##	[997,]	0.56238452	-0.0345080
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##	[1001,]	-0.67891464	-0.0345080
##	[1002,]	-0.67891464	-0.5950247
##	[1003,]	-0.05826506	-0.5950247
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##	[1338,]	-0.67891464	-1.1555415
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##	[1342,]	-0.67891464	-0.5950247
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##	[1349,]	2.73465805	3.3285924
##	[1350,]	-0.36858985	-1.1555415
##	[1351,]	-0.67891464	0.8062671
##	[1352,]	0.56238452	0.8062671
##	[1353,]	-0.05826506	-0.5950247
##	[1354,]	0.25205973	-1.1555415
##	[1355,]	-0.36858985	-1.1555415
##	[1356,]	-0.36858985	-0.3147664
##	[1357,]	-0.36858985	-0.0345080
##	[1358,]	0.87270931	0.8062671
##	[1359,]	-0.36858985	-0.0345080
##	[1360,]	-0.67891464	-0.8752831
##	[1361,]	-0.05826506	-0.5950247
##	[1362,]	1.49335889	0.8062671
##	[1363,]	-0.67891464	-0.3147664
##	[1364,]	-0.67891464	1.3667838
##	[1365,]	-0.67891464	0.8062671
##	[1366,]	-0.67891464	-1.1555415
##	[1367,]	-0.36858985	-0.5950247
##	[1368,]	-0.36858985	-0.5950247
##	[1369,]	1.18303410	1.9273006
##	[1370,]	-0.05826506	-0.5950247
##	[1371,]	-0.36858985	0.8062671
##	[1372,]	-0.67891464	-1.1555415
##	[1373,]	1.49335889	1.3667838
##	[1374,]	-0.67891464	0.8062671
##	[1375,]	-0.67891464	-1.1555415
##	[1376,]	-0.67891464	-0.3147664
##	[1377,]	-0.67891464	-0.3147664
##	[1378,]	0.56238452	-0.3147664
##	[1379,]	-0.67891464	-1.1555415
##	[1380,]	-0.67891464	-1.1555415
##	[1381,]	-0.67891464	-0.0345080
##	[1382,]	-0.36858985	-0.0345080
πĦ	[1002,]	0.00000000	0.0040000

##	[1383,]	-0.05826506	-0.3147664
##	[1384,]	-0.67891464	-0.5950247
##	[1385,]	-0.05826506	-0.8752831
##	[1386,]	-0.36858985	-0.8752831
##	[1387,]	1.49335889	0.5260087
##	[1388,]	-0.67891464	-0.5950247
##	[1389,]	-0.36858985	-0.5950247
##	[1390,]	1.80368368	0.8062671
##	[1391,]	-0.67891464	-0.3147664
##	[1392,]	-0.67891464	-1.1555415
##	[1393,]	-0.67891464	1.3667838
##	[1394,]	-0.67891464	0.8062671
##	[1395,]	-0.67891464	-1.1555415
##	[1396,]	-0.67891464	1.0865255
##	[1397,]	-0.05826506	-0.5950247
##	[1398,]	-0.05826506	-0.3147664
##	[1399,]	-0.05826506	1.0865255
##	[1400,]	-0.67891464	1.3667838
##	[1401,]	-0.36858985	-0.5950247
##	[1402,]	-0.36858985	-0.0345080
##	[1403,]	-0.67891464	-1.1555415
##	[1404,]	2.73465805	1.6470422
##	[1405,]	0.25205973	0.8062671
##	[1406,]	0.56238452	1.0865255
##	[1407,]	-0.36858985	-0.0345080
##	[1408,]	-0.36858985	-0.5950247
##	[1409,]	-0.36858985	-0.0345080
##	[1410,]	2.11400847	-0.0345080
##	[1411,]	0.87270931	1.6470422
##	[1412,]	-0.36858985	-0.5950247
##	[1413,]	-0.36858985	0.8062671
##	[1414,]	-0.67891464	-0.5950247
##	[1415,]	3.04498284	1.9273006
##	[1416,]	-0.67891464	-1.1555415
##	[1417,]	0.87270931	1.0865255
##	[1418,]	-0.36858985	-0.5950247
##	[1419,]	1.49335889	0.8062671
##	[1420,]	-0.36858985	-0.5950247
		-0.36858985	-1.1555415
##	[1421,]		2.2075589
##	[1422,]	0.87270931	-0.5950247
##	[1423,]	-0.05826506	
##	[1424,]	-0.36858985	-0.5950247
##	[1425,]	-0.67891464	1.0865255
##	[1426,]	1.80368368	-0.8752831
##	[1427,]	0.56238452	-0.8752831
##	[1428,]	-0.67891464	-1.1555415
##	[1429,]	-0.05826506	-0.5950247
##	[1430,]	-0.36858985	0.8062671
##	[1431,]	-0.36858985	1.9273006
##	[1432,]	0.87270931	0.8062671
##	[1433,]	1.18303410	1.0865255
##	[1434,]	-0.67891464	-0.0345080
##	[1435,]	-0.67891464	-1.1555415
##	[1436,]	-0.36858985	-0.5950247

```
## [1437,]
                        -0.36858985
                                                -0.5950247
## [1438,]
                                                -0.3147664
                        -0.36858985
## [1439,]
                        -0.36858985
                                                -1.1555415
## [1440,]
                          0.25205973
                                                -0.0345080
  [1441,]
                        -0.67891464
                                                -0.5950247
## [1442,]
                        -0.36858985
                                                 1.3667838
## [1443.]
                                                -0.5950247
                        -0.05826506
## [1444,]
                          0.56238452
                                                 2.7680757
   [1445,]
                          2.11400847
                                                 1.0865255
## [1446,]
                        -0.67891464
                                                 1.6470422
  [1447,]
                        -0.36858985
                                                 0.8062671
## [1448,]
                                                 1.9273006
                          2.73465805
   [1449,]
                        -0.67891464
                                                -0.0345080
## [1450,]
                        -0.36858985
                                                -0.5950247
## [1451,]
                                                 0.8062671
                        -0.36858985
## [1452,]
                        -0.36858985
                                                 1.3667838
##
  [1453,]
                        -0.67891464
                                                -0.8752831
  [1454,]
                        -0.67891464
                                                -1.1555415
  [1455,]
                        -0.67891464
                                                -0.8752831
## [1456,]
                        -0.05826506
                                                -0.5950247
## [1457,]
                        -0.67891464
                                                -0.5950247
## [1458,]
                        -0.67891464
                                                -0.5950247
## [1459,]
                        -0.36858985
                                                -0.8752831
   Γ1460.
                                                -0.3147664
                        -0.67891464
## [1461,]
                        -0.67891464
                                                -0.0345080
  [1462,]
                        -0.05826506
                                                -1.1555415
## [1463,]
                          2.11400847
                                                 0.5260087
   [1464,]
                        -0.36858985
                                                 0.8062671
## [1465,]
                        -0.67891464
                                                -1.1555415
## [1466,]
                        -0.67891464
                                                -0.3147664
## [1467,]
                        -0.36858985
                                                 0.8062671
##
   [1468,]
                        -0.67891464
                                                -0.3147664
   [1469,]
                        -0.67891464
                                                 1.0865255
   [1470,]
                        -0.36858985
                                                -0.5950247
##
##
   attr(, "scaled:center")
                                              Attrition
##
                                                                   BusinessTravel
                      ï..Age
##
                3.692381e+01
                                           1.161224e+00
                                                                      2.607483e+00
##
                   DailyRate
                                             Department
                                                                 DistanceFromHome
##
                8.024857e+02
                                           2.260544e+00
                                                                      9.192517e+00
##
                   Education
                                         EducationField
                                                                     EmployeeCount
##
                2.912925e+00
                                           3.247619e+00
                                                                      1.000000e+00
##
             EmployeeNumber
                               EnvironmentSatisfaction
                                                                            Gender
                1.024865e+03
                                                                      1.600000e+00
##
                                           2.721769e+00
##
                  HourlyRate
                                         JobInvolvement
                                                                          JobLevel
##
                6.589116e+01
                                           2.729932e+00
                                                                      2.063946e+00
##
                     JobRole
                                       JobSatisfaction
                                                                     MaritalStatus
##
                5.458503e+00
                                           2.728571e+00
                                                                      2.097279e+00
##
                                                               NumCompaniesWorked
               MonthlyIncome
                                           MonthlyRate
##
                6.502931e+03
                                           1.431310e+04
                                                                      2.693197e+00
##
                      Over18
                                               OverTime
                                                                PercentSalaryHike
##
                1.000000e+00
                                           1.282993e+00
                                                                      1.520952e+01
##
          PerformanceRating RelationshipSatisfaction
                                                                     StandardHours
##
                3.153741e+00
                                           2.712245e+00
                                                                      8.000000e+01
                                                            TrainingTimesLastYear
##
           StockOptionLevel
                                     TotalWorkingYears
```

##	7.938776e-01	1.127959e+01	2.799320e+00
##	WorkLifeBalance	${\tt YearsAtCompany}$	${\tt YearsInCurrentRole}$
##	2.761224e+00	7.008163e+00	4.229252e+00
##	YearsSinceLastPromotion	YearsWithCurrManager	
##	2.187755e+00	4.123129e+00	
##	attr(,"scaled:scale")		
##	ïAge	Attrition	${ t BusinessTravel}$
##	9.1353735	0.3678630	0.6654549
##	DailyRate	Department	DistanceFromHome
##	403.5090999	0.5277923	8.1068644
##	Education	EducationField	EmployeeCount
##	1.0241649	1.3313691	0.000000
##	EmployeeNumber	EnvironmentSatisfaction	Gender
##	602.0243348	1.0930822	0.4900647
##	HourlyRate	JobInvolvement	JobLevel
##	20.3294276	0.7115611	1.1069399
##	JobRole	${ t JobSatisfaction}$	MaritalStatus
##	2.4618213	1.1028461	0.7301208
##	${\tt MonthlyIncome}$	${ t MonthlyRate}$	NumCompaniesWorked
##	4707.9567831	7117.7860441	2.4980090
##	Over18	OverTime	${\tt PercentSalaryHike}$
##	0.0000000	0.4506065	3.6599377
##	PerformanceRating	${\tt RelationshipSatisfaction}$	StandardHours
##	0.3608235	1.0812089	0.0000000
##	StockOptionLevel	${ t TotalWorking Years}$	${\tt TrainingTimesLastYear}$
##	0.8520767	7.7807817	1.2892706
##	WorkLifeBalance	${\tt YearsAtCompany}$	YearsInCurrentRole
##	0.7064758	6.1265252	3.6231370
##	${\tt YearsSinceLastPromotion}$	YearsWithCurrManager	
##	3.2224303	3.5681361	